

ประกาศกรมเจ้าท่า

ที่ ๒๓๗/๒๕๖๖

เรื่อง การดำเนินการต่อสิ่งของที่อาจทำให้เกิดอันตรายขึ้นได้ทางน้ำระหว่างประเทศ

ตามที่องค์การทางทะเลระหว่างประเทศ (International Maritime Organization) ได้กำหนดในอนุสัญญาระหว่างประเทศว่าด้วยความปลอดภัยแห่งชีวิตในทะเล ค.ศ. ๑๙๗๔ และที่แก้ไขเพิ่มเติม (International Convention for the Safety of Life at Sea, 1974 as amended (SOLAS 1974)) บทที่ VII Carriage of dangerous goods ให้ใช้ประมวลข้อบังคับว่าด้วยการขนส่งสิ่งของที่อาจทำให้เกิดอันตรายขึ้นได้ทางน้ำระหว่างประเทศ (International Maritime Dangerous Goods Code: IMDG Code) ดังนั้น เพื่อให้การปฏิบัติตามพันธกรณีระหว่างประเทศเป็นไปตามหลักเกณฑ์และมาตรฐานสากล รวมถึงการบังคับใช้กฎหมายมีประสิทธิภาพและเกิดประสิทธิผลสูงสุด ตลอดจนไม่เป็นภาระแก่ผู้ประกอบการโดยไม่จำเป็น

อาศัยอำนาจตามความในมาตรา ๑๙๐ แห่งพระราชบัญญัติการเดินเรือในน่านน้ำไทย พระพุทธศักราช ๒๔๕๖ แก้ไขเพิ่มเติมโดยพระราชบัญญัติการเดินเรือในน่านน้ำไทย (ฉบับที่ ๑๔) พ.ศ. ๒๕๓๕ และข้อ ๑๗ แห่งกฎกระทรวงการดำเนินการสำหรับสิ่งของที่อาจทำให้เกิดอันตรายขึ้นได้ พ.ศ. ๒๕๖๔ อธิบดีกรมเจ้าท่า จึงออกประกาศไว้ ดังต่อไปนี้

ข้อ ๑ ประกาศนี้ให้ใช้บังคับนับถัดจากวันที่ประกาศในราชกิจจานุเบกษาเป็นต้นไป

ข้อ ๒ ให้ยกเลิกประกาศกรมเจ้าท่า ที่ ๑๙๑/๒๕๖๕ เรื่อง การดำเนินการต่อสิ่งของที่อาจทำให้เกิดอันตรายขึ้นได้ทางน้ำระหว่างประเทศ ลงวันที่ ๒๕ สิงหาคม ๒๕๖๕

ข้อ ๓ ให้นายเรือ เจ้าของเรือ ตัวแทนเจ้าของเรือ ผู้ส่งสินค้าทางเรือ และผู้รับขนส่งสินค้าทางเรือ ดำเนินการปรับใช้แนวทางและข้อกำหนดเกี่ยวกับการบรรจุหีบห่อ การจัดเก็บ การจัดแยก การจัดท่า และแสดงเครื่องหมาย การจัดให้มีเอกสารที่จำเป็น และการขนถ่ายสิ่งของที่อาจทำให้เกิดอันตรายขึ้นได้ ทั้งนี้ ให้เป็นไปตามโดยสอดคล้องกับประมวลข้อบังคับว่าด้วยการขนส่งสิ่งของที่อาจทำให้เกิดอันตรายขึ้นได้ทางน้ำระหว่างประเทศ (IMDG Code) โดยรายละเอียดเป็นไปตามภาคผนวกที่แนบท้ายประกาศนี้

ประกาศ ณ วันที่ ๒๙ สิงหาคม พ.ศ. ๒๕๖๖

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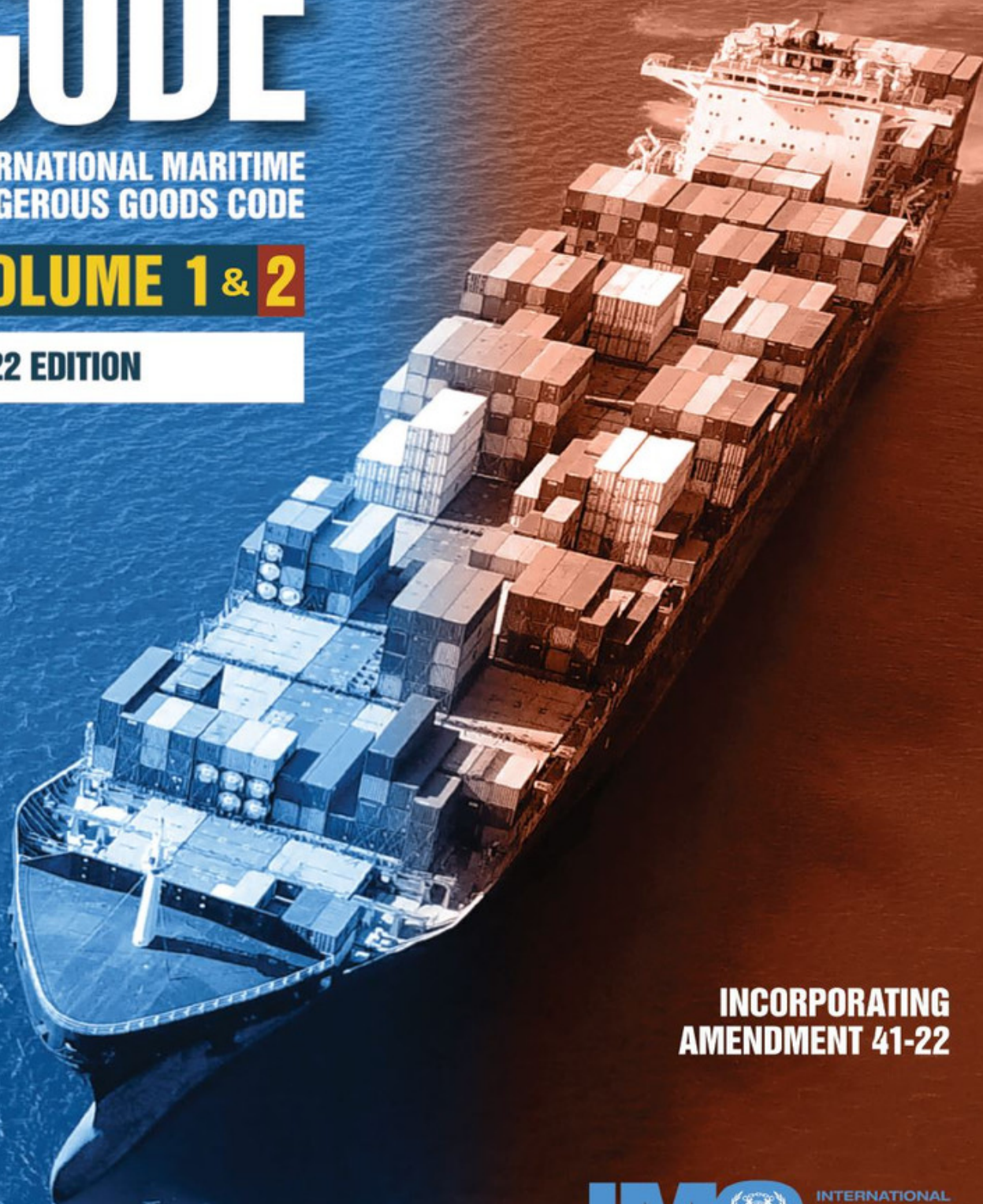
อธิบดีกรมเจ้าท่า

IMDG CODE

INTERNATIONAL MARITIME
DANGEROUS GOODS CODE

VOLUME 1 & 2

2022 EDITION



**INCORPORATING
AMENDMENT 41-22**

IMDG Code Vol. 2

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IMDG CODE

INTERNATIONAL MARITIME
DANGEROUS GOODS CODE

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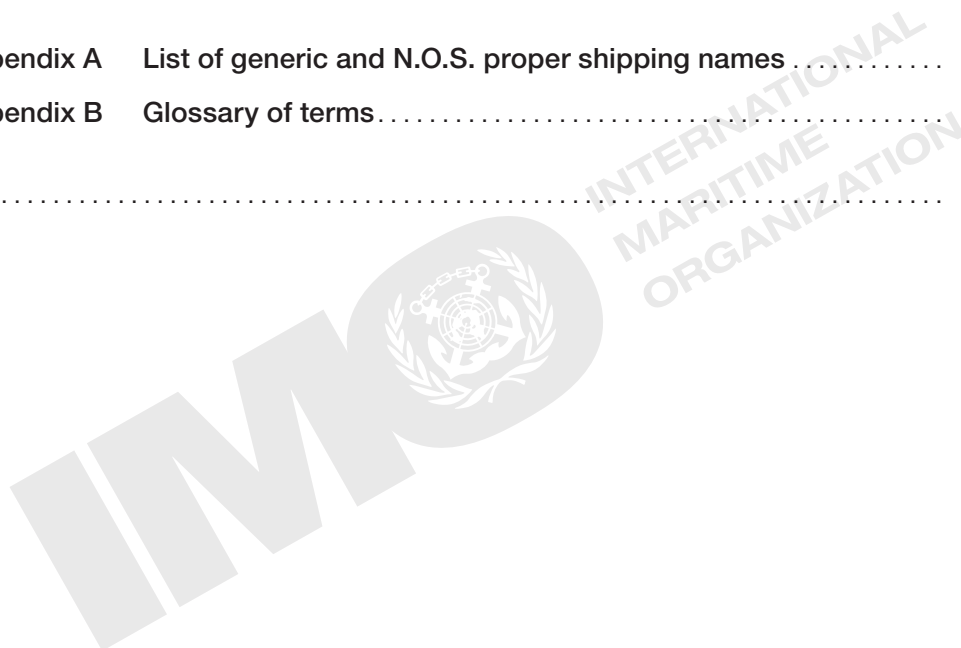
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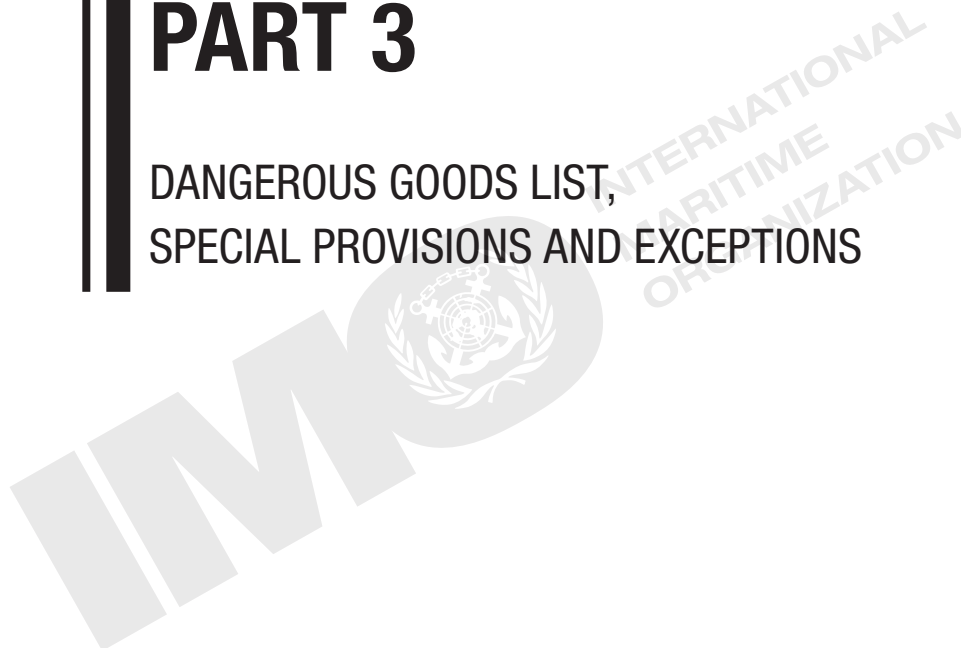
The following symbols placed against an item indicate changes from the previous edition, in accordance with Amendment 41-22 to the IMDG Code:

- Insertion of an item
- ⊗ Deletion of an item
- △ Change to an item



PART 3

DANGEROUS GOODS LIST,
SPECIAL PROVISIONS AND EXCEPTIONS





Chapter 3.1

General

3.1.1 Scope and general provisions

- 3.1.1.1 The Dangerous Goods List in chapter 3.2 lists many of the dangerous goods most commonly transported. The list includes entries for specific chemical substances and articles and generic or “not otherwise specified” entries. Since it is not practical to include a separate entry for every chemical substance or article of commercial importance specifically by name, especially names for mixtures and solutions of various chemical constituents and concentrations, the Dangerous Goods List also includes generic or “not otherwise specified” names (e.g. EXTRACTS, LIQUID, for flavour or aroma, UN 1197 or FLAMMABLE LIQUID, N.O.S., UN 1993). On this basis, the Dangerous Goods List is intended to include an appropriate name or entry for any dangerous good which may be transported.
- 3.1.1.2 Where a dangerous good is specifically listed by name in the Dangerous Goods List, it shall be transported in accordance with the provisions in the List which are appropriate for that dangerous good. A generic or “not otherwise specified” entry may be used to permit the transport of substances, materials or articles which do not appear specifically by name in the Dangerous Goods List. Such a dangerous good may be transported only after its dangerous properties have been determined. Dangerous goods shall be classified according to the class definitions, tests and criteria. The name which most appropriately describes the dangerous goods shall be used. Only when the specific name of the dangerous goods does not appear in the Dangerous Goods List or the associated primary or subsidiary hazards assigned to it are not appropriate may a generic or “not otherwise specified” name be used. The classification shall be made by the shipper/consignor or by the appropriate competent authority where so specified in the Code. Once the class of the dangerous good has been so established, all conditions for transport, as provided in this Code, shall be met. Any dangerous good having or suspected of having explosive characteristics shall first be considered for inclusion in class 1. Some collective entries may be of the generic or “not otherwise specified” type provided that the Code contains provisions ensuring safety, both by excluding extremely dangerous goods from normal transport and by covering all subsidiary hazards inherent in some goods.
- 3.1.1.3 Inherent instability in goods may take different dangerous forms, for example explosion, polymerization with intense evolution of heat or emission of flammable, toxic, corrosive or asphyxiant gases. The Dangerous Goods List indicates that certain dangerous goods, or dangerous goods in a specific form, concentration or state, are prohibited for transport by sea. This means that the goods specified are not suitable for transport by sea under normal conditions of transport. This does not mean that such goods may not be transported under any circumstances. For most goods, such inherent instability can be controlled by suitable packaging, dilution, stabilization, addition of an inhibitor, temperature control or other measures.
- 3.1.1.4 Where precautionary measures are laid down in the Dangerous Goods List in respect of a given dangerous good (such as that it shall be “stabilized” or “with x% water or phlegmatizer”), such dangerous good may not normally be transported when these measures have not been taken, unless the item in question is listed elsewhere (such as class 1) without any indication of, or with different, precautionary measures.
- 3.1.1.5 Certain substances, by the nature of their chemical composition, tend to polymerize or otherwise react in a dangerous manner under certain conditions of temperature or in contact with a catalyst. Mitigation of this tendency can be carried out either by requiring special transport conditions or by adding adequate amounts of chemical inhibitors or stabilizers to the product. These products shall be sufficiently stabilized to prevent any dangerous reaction during the intended voyage. If this cannot be ensured, the transport of such products is prohibited.
- 3.1.1.6 Where the contents of a portable tank is to be transported heated, the transport temperature is to be maintained during the intended voyage unless it is established that crystallization or solidification on cooling would not result in instability, which can occur with some stabilized or inhibited products.

3.1.2 Proper shipping names

Note 1: The proper shipping names of the dangerous goods are those listed in chapter 3.2, Dangerous Goods List. Synonyms, secondary names, initials, abbreviations of names, etc. have been included in the Index to facilitate the search for the proper shipping name (see part 5, Consignment procedures).

Note 2: For proper shipping names to be used for transport of samples, see 2.0.4. For proper shipping names to be used for transport of wastes, see 5.4.1.4.3.3.

3.1.2.1 The proper shipping name is that portion of the entry most accurately describing the goods in the Dangerous Goods List, which is shown in upper-case characters (plus any numbers, Greek letters, 'sec', 'tert', and the letters *m*, *n*, *o*, *p*, which form an integral part of the name). An alternative proper shipping name may be shown in brackets following the main proper shipping name (such as ETHANOL (ETHYL ALCOHOL)). Portions of an entry appearing in lower case need not be considered as part of the proper shipping name but may be used.

3.1.2.2 When a combination of several distinct proper shipping names are listed under a single UN number, and these are separated by "and" or "or" in lower case or are punctuated by commas, only the most appropriate shall be shown in the transport document and package marks.

Examples illustrating the selection of the proper shipping name for such entries are:

.1 UN 1057 LIGHTERS or LIGHTER REFILLS – The proper shipping name is the most appropriate of the following possible combinations:

LIGHTERS

LIGHTER REFILLS;

.2 UN 2583 ALKYL SULPHONIC ACIDS, SOLID or ARYL SULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid – The proper shipping name is the most appropriate of the following:

ALKYL SULPHONIC ACIDS, SOLID

ARYL SULPHONIC ACIDS, SOLID;

.3 UN 2793 FERROUS METAL BORINGS, SHAVINGS, TURNINGS or CUTTINGS in a form liable to self-heating. The proper shipping name is the most appropriate of the following combinations:

FERROUS METAL BORINGS

FERROUS METAL SHAVINGS

FERROUS METAL TURNINGS

FERROUS METAL CUTTINGS.

3.1.2.3 Proper shipping names may be used in the singular or plural as appropriate. In addition, when qualifying words are used as part of the proper shipping name, their sequence on documentation or packages is optional. Commercial or military names for goods of class 1, which contain the proper shipping name supplemented by additional text, may be used.

3.1.2.4 Many substances have an entry for both the liquid and solid state (see definitions for *liquids* and *solids* in 1.2.1), or for the solid and solution. These are allocated separate UN numbers which are not necessarily adjacent to each other. Details are provided in the alphabetical index, e.g.:

NITROXYLENES, LIQUID – 6.1 1665

NITROXYLENES, SOLID – 6.1 3447.

3.1.2.5 Where it is not already included, the qualifying word "MOLTEN" shall be added to the proper shipping name when a substance which is solid in accordance with the definition in 1.2.1 is offered for transport in the molten state (such as ALKYLPHENOL, SOLID, N.O.S., MOLTEN). For elevated temperature substances, see 5.4.1.4.3.4.

3.1.2.6 Except for self-reactive substances and organic peroxides and unless it is already included in capital letters in the name indicated in the Dangerous Goods List, the word STABILIZED shall be added as part of the proper shipping name of the substance which without stabilization would be forbidden from transport in accordance with 1.1.3 due to it being liable to dangerously react under conditions normally encountered in transport (such as TOXIC LIQUID, ORGANIC, N.O.S., STABILIZED). When temperature control is used to stabilize such substances to prevent the development of any dangerous excess pressure, or the evolution of excessive heat, or when chemical stabilization is used in combination with temperature control, then:

.1 For liquids and solids where the SAPT (measured without or with inhibitor, when chemical stabilization is applied) is less than or equal to that prescribed in 2.4.2.5.2, special provision 386 of chapter 3.3 and the provisions of 7.3.7 apply;

.2 Unless it is already included in capital letters in the name indicated in the Dangerous Goods List, the words "TEMPERATURE CONTROLLED" shall be added as part of the proper shipping name;

.3 For gases: the conditions of transport shall be approved by the competent authority.

3.1.2.7 Hydrates may be transported under the proper shipping name for the anhydrous substance.

3.1.2.8 Generic or “not otherwise specified” (N.O.S.) entries

3.1.2.8.1 Generic and “not otherwise specified” proper shipping names that are assigned to special provision 274 or 318 in column 6 of the Dangerous Goods List shall be supplemented with the technical or chemical group names unless a national law or international convention prohibits its disclosure if it is a controlled substance. For explosives of class 1, the dangerous goods description may be supplemented by additional descriptive text to indicate commercial or military names. Technical and chemical group names shall be entered in brackets immediately following the proper shipping name. An appropriate modifier, such as “contains” or “containing” or other qualifying words such as “mixture”, “solution”, etc., and the percentage of the technical constituent may also be used. For example: “UN 1993 Flammable liquid, n.o.s. (contains xylene and benzene), 3, PG II”.

3.1.2.8.1.1 The technical name shall be a recognized chemical or biological name or other name currently used in scientific and technical handbooks, journals and texts. Trade names shall not be used for this purpose. In the case of pesticides, only ISO common name(s), other name(s) in *The WHO Recommended Classification of Pesticides by Hazard and Guidelines to Classification*, or the name(s) of the active substance(s) may be used.

3.1.2.8.1.2 When a mixture of dangerous goods or articles containing dangerous goods are described by one of the “N.O.S.” or “generic” entries to which special provision 274 has been allocated in the Dangerous Goods List, not more than the two constituents which most predominantly contribute to the hazard or hazards of the mixture or of the articles need to be shown, excluding controlled substances when their disclosure is prohibited by national law or international convention. If a package containing a mixture is labelled with any subsidiary hazard label, one of the two technical names shown in brackets shall be the name of the constituent which compels the use of the subsidiary hazard label.

3.1.2.8.1.3 Examples illustrating the selection of the proper shipping name supplemented with the technical name of goods for such N.O.S. entries are:

UN 2902 PESTICIDE, LIQUID, TOXIC, N.O.S. (drazoxolon)

UN 3394 ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATER-REACTIVE
(trimethylgallium).

UN 3540 ARTICLES CONTAINING FLAMMABLE LIQUID, N.O.S. (pyrrolidine)

3.1.2.9 Marine pollutants

3.1.2.9.1 For the purpose of documentation, the proper shipping name of “not otherwise specified” (N.O.S.) entries which are classified as marine pollutants in accordance with 2.10.3, shall be supplemented with the recognized chemical name of the constituent which most predominantly contributes to the classification as marine pollutant unless otherwise provided by SP274.

3.1.2.9.2 An example illustrating the selection of the proper shipping name supplemented with the recognized technical name of goods for such entries are indicated below:

UN 1993 FLAMMABLE LIQUID, N.O.S. (propyl acetate, di-*n*-butyltin di-2-ethylhexanoate) class 3 PG III
(50°C c.c.) MARINE POLLUTANT

3.1.3 Mixtures or solutions

Note: Where a substance is specifically listed by name in the Dangerous Goods List, it shall be identified in transport by the proper shipping name in the Dangerous Goods List. Such substances may contain technical impurities (for example those deriving from the production process) or additives for stability or other purposes that do not affect their classification. However, a substance listed by name containing technical impurities or additives for stability or other purposes affecting its classification shall be considered a mixture or solution (see 2.0.2.2 and 2.0.2.5).

3.1.3.1 A mixture or solution is not subject to the provisions of this Code if the characteristics, properties, form or physical state of the mixture or solution are such that it does not meet the criteria, including human experience criteria, for inclusion in any class.

3.1.3.2 A mixture or solution meeting the classification criteria of this Code composed of a single predominant substance identified by name in the Dangerous Goods List and one or more substances not subject to the provisions of this Code and/or traces of one or more substances identified by name in the Dangerous Goods List, shall be assigned the UN number and proper shipping name of the predominant substance named in the Dangerous Goods List unless:

- .1 the mixture or solution is identified by name in the Dangerous Goods List;
- .2 the name and description of the substance named in the Dangerous Goods List specifically indicate that they apply only to the pure substance;
- .3 the hazard class or division, subsidiary hazard(s), packing group, or physical state of the mixture or solution is different from that of the substance named in the Dangerous Goods List; or

Part 3 – Dangerous Goods List, special provisions and exceptions

- .4 the hazard characteristics and properties of the mixture or solution necessitate emergency response measures that are different from those required for the substance identified by name in the Dangerous Goods List.

3.1.3.3 Qualifying words such as “MIXTURE” or “SOLUTION”, as appropriate, shall be added as part of the proper shipping name, for example, “ACETONE SOLUTION”. In addition, the concentration of the mixture or solution may also be indicated after the basic description of the mixture or solution, for example, “ACETONE 75% SOLUTION”.

3.1.3.4 A mixture or solution meeting the classification criteria of this Code that is not identified by name in the Dangerous Goods List and that is composed of two or more dangerous goods shall be assigned to an entry that has the proper shipping name, description, hazard class or division, subsidiary hazard(s) and packing group that most precisely describe the mixture or solution.

3.1.4 Segregation groups

3.1.4.1 For the purpose of segregation, dangerous goods having certain similar chemical properties have been grouped together in segregation groups, see 7.2.5.

3.1.4.2 It is recognized that not all substances, mixtures, solutions or preparations falling within a segregation group are listed in the IMDG Code by name. These are shipped under N.O.S. entries. Although these N.O.S. entries are not themselves listed in the segregation groups (see 3.1.4.4), the consignor shall decide whether inclusion under the segregation group is appropriate and, if so, shall mention that fact in the transport document (see 5.4.1.5.11).

3.1.4.3 The segregation groups in this Code do not cover substances which fall outside the classification criteria of the Code. It is recognized that some non-hazardous substances have similar chemical properties as substances listed in the segregation groups. A consignor or the person responsible for packing the goods into a cargo transport unit who does have knowledge of the chemical properties of such non-dangerous goods may decide to implement the segregation provisions of a related segregation group on a voluntary basis.

3.1.4.4 The following segregation groups are identified.

△ 1 Acids (SGG1)

- △ 1052 Hydrogen fluoride, anhydrous
- 1182 Ethyl chloroformate
- 1183 Ethyldichlorosilane
- 1238 Methyl chloroformate
- 1242 Methyldichlorosilane
- 1250 Methyltrichlorosilane
- 1295 Trichlorosilane
- 1298 Trimethylchlorosilane
- 1305 Vinyltrichlorosilane
- 1572 Cacodylic acid
- 1595 Dimethyl sulphate
- 1715 Acetic anhydride
- 1716 Acetyl bromide
- 1717 Acetyl chloride
- 1718 Butyl acid phosphate
- 1722 Allyl chloroformate
- 1723 Allyl iodide
- 1724 Allyltrichlorosilane, stabilized
- 1725 Aluminium bromide, anhydrous
- 1726 Aluminium chloride, anhydrous
- 1727 Ammonium hydrogendifluoride, solid
- 1728 Amyltrichlorosilane
- 1729 Anisoyl chloride
- 1730 Antimony pentachloride, liquid
- 1731 Antimony pentachloride solution

1732	Antimony pentafluoride
1733	Antimony trichloride
1736	Benzoyl chloride
1737	Benzyl bromide
1738	Benzyl chloride
1739	Benzyl chloroformate
1740	Hydrogendifluorides, n.o.s.
1742	Boron trifluoride acetic acid complex, liquid
1743	Boron trifluoride propionic acid complex, liquid
1744	Bromine or bromine solution
1745	Bromine pentafluoride
1746	Bromine trifluoride
1747	Butyltrichlorosilane
1750	Chloroacetic acid solution
1751	Chloroacetic acid, solid
1752	Chloroacetyl chloride
1753	Chlorophenyltrichlorosilane
1754	Chlorosulphonic acid (with or without sulphur trioxide)
1755	Chromic acid solution
1756	Chromic fluoride, solid
1757	Chromic fluoride solution
1758	Chromium oxychloride
1762	Cyclohexenyltrichlorosilane
1763	Cyclohexyltrichlorosilane
1764	Dichloroacetic acid
1765	Dichloroacetyl chloride
1766	Dichlorophenyltrichlorosilane
1767	Diethyldichlorosilane
1768	Difluorophosphoric acid, anhydrous
1769	Diphenyldichlorosilane
1770	Diphenylmethyl bromide
1771	Dodecyltrichlorosilane
1773	Ferric chloride, anhydrous
1775	Fluoroboric acid
1776	Fluorophosphoric acid, anhydrous
△ 1777	Fluorosulphonic acid
1778	Fluorosilicic acid
1779	Formic acid with more than 85% acid by mass
1780	Fumaryl chloride
1781	Hexadecyltrichlorosilane
1782	Hexafluorophosphoric acid
1784	Hexyltrichlorosilane
△ 1786	Hydrofluoric acid and sulphuric acid mixture
△ 1787	Hydriodic acid
△ 1788	Hydrobromic acid
△ 1789	Hydrochloric acid
△ 1790	Hydrofluoric acid
1792	Iodine monochloride, solid
1793	Isopropyl acid phosphate
1794	Lead sulphate with more than 3% free acid

Part 3 – Dangerous Goods List, special provisions and exceptions

- 3
- △ 1796 Nitrating acid mixture
 - △ 1798 Nitrohydrochloric acid
 - 1799 Nonyltrichlorosilane
 - 1800 Octadecyltrichlorosilane
 - 1801 Octyltrichlorosilane
 - △ 1802 Perchloric acid with not more than 50% acid, by mass
 - 1803 Phenolsulphonic acid, liquid
 - 1804 Phenyltrichlorosilane
 - 1805 Phosphoric acid, solution
 - 1806 Phosphorus pentachloride
 - 1807 Phosphorus pentoxide
 - 1808 Phosphorus tribromide
 - 1809 Phosphorus trichloride
 - 1810 Phosphorus oxychloride
 - 1811 Potassium hydrogendifluoride, solid
 - 1815 Propionyl chloride
 - 1816 Propyltrichlorosilane
 - 1817 Pyrosulphuryl chloride
 - 1818 Silicon tetrachloride
 - △ 1826 Nitrating acid mixture, spent
 - 1827 Stannic chloride, anhydrous
 - 1828 Sulphur chlorides
 - 1829 Sulphur trioxide, inhibited or sulphur trioxide, stabilized
 - △ 1830 Sulphuric acid with more than 51% acid
 - △ 1831 Sulphuric acid, fuming
 - △ 1832 Sulphuric acid, spent
 - 1833 Sulphurous acid
 - 1834 Sulphuryl chloride
 - 1836 Thionyl chloride
 - 1837 Thiophosphoryl chloride
 - 1838 Titanium tetrachloride
 - 1839 Trichloroacetic acid
 - 1840 Zinc chloride solution
 - 1848 Propionic acid with not less than 10% and less than 90% acid, by mass
 - △ 1873 Perchloric acid with more than 50% but not more than 72% acid, by mass
 - 1898 Acetyl iodide
 - 1902 Diisooctyl acid phosphate
 - 1905 Selenic acid
 - △ 1906 Sludge acid
 - 1938 Bromoacetic acid solution
 - 1939 Phosphorus oxybromide
 - 1940 Thioglycolic acid
 - △ 2031 Nitric acid, other than red fuming
 - △ 2032 Nitric acid, red fuming
 - 2214 Phthalic anhydride with more than 0.05% of maleic anhydride
 - 2215 Maleic anhydride
 - 2218 Acrylic acid, inhibited
 - 2225 Benzenesulphonyl chloride
 - 2226 Benzotrichloride
 - △ 2240 Chromosulphuric acid

2262	Dimethylcarbamoyl chloride
2267	Dimethyl thiophosphoryl chloride
2305	Nitrobenzenesulphonic acid
△ 2308	Nitrosylsulphuric acid, liquid
2331	Zinc chloride, anhydrous
2353	Butyryl chloride
2395	Isobutyryl chloride
2407	Isopropyl chloroformate
2434	Dibenzylchlorosilane
2435	Ethylphenyldichlorosilane
2437	Methylphenyldichlorosilane
2438	Trimethylacetyl chloride
2439	Sodium hydrogendifluoride
2440	Stannic chloride pentahydrate
2442	Trichloroacetyl chloride
2443	Vanadium oxytrichloride
2444	Vanadium tetrachloride
2475	Vanadium trichloride
2495	Iodine pentafluoride
2496	Propionic anhydride
2502	Valeryl chloride
2503	Zirconium tetrachloride
2506	Ammonium hydrogen sulphate
2507	Chloroplatinic acid, solid
2508	Molybdenum pentachloride
2509	Potassium hydrogen sulphate
2511	2-Chloropropionic acid
2513	Bromoacetyl bromide
2531	Methacrylic acid, stabilized
2564	Trichloroacetic acid solution
2571	Alkylsulphuric acids
2576	Phosphorus oxybromide, molten
2577	Phenylacetyl chloride
2578	Phosphorus trioxide
2580	Aluminium bromide solution
2581	Aluminium chloride solution
2582	Ferric chloride solution
2583	Alkylsulphonic acids, solid or arylsulphonic acids, solid with more than 5% free sulphuric acid
2584	Alkylsulphonic acids, liquid or arylsulphonic acids, liquid with more than 5% free sulphuric acid
2585	Alkylsulphonic acids, solid or arylsulphonic acids, solid with not more than 5% free sulphuric acid
2586	Alkylsulphonic acids, liquid or arylsulphonic acids, liquid with not more than 5% free sulphuric acid
2604	Boron trifluoride diethyl etherate
2626	Chloric acid, aqueous solution with not more than 10% chloric acid
2642	Fluoroacetic acid
2670	Cyanuric chloride
2691	Phosphorus pentabromide
2692	Boron tribromide
2698	Tetrahydrophthalic anhydrides with more than 0.05% maleic anhydride
2699	Trifluoroacetic acid

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2739	Butyric anhydride
2740	Propyl chloroformate
2742	Chloroformates, toxic, corrosive, flammable, n.o.s.
2743	<i>n</i> -Butyl chloroformate
2744	Cyclobutyl chloroformate
2745	Chloromethyl chloroformate
2746	Phenyl chloroformate
2748	2-Ethylhexyl chloroformate
2751	Diethylthiophosphoryl chloride
2789	Acetic acid, glacial or acetic acid solution, more than 80% acid, by mass
2790	Acetic acid solution, more than 10% but not more than 80% acid, by mass
2794	Batteries, wet, filled with acid electric storage
△ 2796	Sulphuric acid with not more than 51% acid or battery fluid, acid
2798	Phenylphosphorus dichloride
2799	Phenylphosphorus thiodichloride
2802	Copper chloride
2817	Ammonium hydrogendifluoride solution
2819	Amyl acid phosphate
2820	Butyric acid
2823	Crotonic acid, solid
2826	Ethyl chlorothioformate
2829	Caproic acid
2834	Phosphorous acid
2851	Boron trifluoride dihydrate
2865	Hydroxylamine sulphate
2869	Titanium trichloride mixture
2879	Selenium oxychloride
2967	Sulphamic acid
2985	Chlorosilanes, flammable, corrosive, n.o.s.
2986	Chlorosilanes, corrosive, flammable, n.o.s.
2987	Chlorosilanes, corrosive, n.o.s.
2988	Chlorosilanes, water-reactive, flammable, corrosive, n.o.s.
3246	Methanesulphonyl chloride
3250	Chloroacetic acid, molten
3260	Corrosive solid, acidic, inorganic, n.o.s.
3261	Corrosive solid, acidic, organic, n.o.s.
3264	Corrosive liquid, acidic, inorganic, n.o.s.
3265	Corrosive liquid, acidic, organic, n.o.s.
3277	Chloroformates, toxic, corrosive, n.o.s.
3361	Chlorosilanes, toxic, corrosive, n.o.s.
3362	Chlorosilanes, toxic, corrosive, flammable, n.o.s.
3412	Formic acid with not less than 10% but not more than 85% acid by mass
3412	Formic acid with not less than 5% but not more than 10% acid by mass
3419	Boron trifluoride acetic acid complex, solid
3420	Boron trifluoride propionic acid complex, solid
3421	Potassium hydrogendifluoride solution
3425	Bromoacetic acid, solid
3453	Phosphoric acid, solid
3456	Nitrosylsulphuric acid, solid
3463	Propionic acid with not less than 90% acid by mass

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- 3472 Crotonic acid, liquid
3498 Iodine monochloride, liquid

⊗

2 Ammonium compounds (SGG2)

- 0004 Ammonium picrate dry or wetted with less than 10% water, by mass
0222 Ammonium nitrate, with more than 0.2% combustible substances
0402 Ammonium perchlorate
1310 Ammonium picrate, wetted with not less than 10% water, by mass
1439 Ammonium dichromate
1442 Ammonium perchlorate
1444 Ammonium persulphate
1546 Ammonium arsenate
1630 Mercury ammonium chloride
1727 Ammonium hydrogendifluoride, solid
1835 Tetramethylammonium hydroxide solution
1843 Ammonium dinitro-*o*-cresolate, solid
1942 Ammonium nitrate with not more than 0.2% combustible substances
2067 Ammonium nitrate based fertilizer
2071 Ammonium nitrate based fertilizer
2073 Ammonia solution, relative density less than 0.880 at 15°C in water, with more than 35% but not more than 50% ammonia
2426 Ammonium nitrate, liquid (hot concentrated solution)
2505 Ammonium fluoride
2506 Ammonium hydrogen sulphate
2683 Ammonium sulphide solution
2687 Dicyclohexylammonium nitrite
2817 Ammonium hydrogendifluoride solution
2818 Ammonium polysulphide solution
2854 Ammonium fluorosilicate
2859 Ammonium metavanadate
2861 Ammonium polyvanadate
2863 Sodium ammonium vanadate
3375 Ammonium nitrate emulsion or suspension or gel, intermediate for blasting explosives
3423 Tetramethylammonium hydroxide, solid
3424 Ammonium dinitro-*o*-cresolate solution

3 Bromates (SGG3)

- 1450 Bromates, inorganic, n.o.s.
1473 Magnesium bromate
1484 Potassium bromate
1494 Sodium bromate
2469 Zinc bromate
2719 Barium bromate
3213 Bromates, inorganic, aqueous solution, n.o.s.

4 Chlorates (SGG4)

- 1445 Barium chlorate, solid
1452 Calcium chlorate
1458 Chlorate and borate mixture
1459 Chlorate and magnesium chloride mixture, solid
1461 Chlorates, inorganic, n.o.s.
1485 Potassium chlorate

Part 3 – Dangerous Goods List, special provisions and exceptions

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1495	Sodium chlorate
1506	Strontium chlorate
1513	Zinc chlorate
2427	Potassium chlorate, aqueous solution
2428	Sodium chlorate, aqueous solution
2429	Calcium chlorate, aqueous solution
2573	Thallium chlorate
2721	Copper chlorate
2723	Magnesium chlorate
3405	Barium chlorate solution
3407	Chlorate and magnesium chloride mixture solution
- 5 Chlorites (SGG5)**
- | | |
|------|------------------------------|
| 1453 | Calcium chlorite |
| 1462 | Chlorites, inorganic, n.o.s. |
| 1496 | Sodium chlorite |
| 1908 | Chlorite solution |
- 6 Cyanides (SGG6)**
- | | |
|------|------------------------------------|
| 1541 | Acetone cyanhydrin, stabilized |
| 1565 | Barium cyanide |
| 1575 | Calcium cyanide |
| 1587 | Copper cyanide |
| 1588 | Cyanides, inorganic, solid, n.o.s. |
| 1620 | Lead cyanide |
| 1626 | Mercuric potassium cyanide |
| 1636 | Mercury cyanide |
| 1642 | Mercury oxycyanide, desensitized |
| 1653 | Nickel cyanide |
| 1679 | Potassium cuprocyanide |
| 1680 | Potassium cyanide, solid |
| 1684 | Silver cyanide |
| 1689 | Sodium cyanide, solid |
| 1694 | Bromobenzyl cyanides, liquid |
| 1713 | Zinc cyanide |
| 1889 | Cyanogen bromide |
| 1935 | Cyanide solution, n.o.s. |
| 2205 | Adiponitrile |
| 2316 | Sodium cuprocyanide, solid |
| 2317 | Sodium cuprocyanide solution |
| 3413 | Potassium cyanide solution |
| 3414 | Sodium cyanide solution |
| 3449 | Bromobenzyl cyanides, solid |
- 7 Heavy metals and their salts (including their organometallic compounds) (SGG7)**
- | | |
|------|--|
| 0129 | Lead azide, wetted, with not less than 20% water, or mixture of alcohol and water, by mass |
| 0130 | Lead styphnate (lead trinitroresorcinate), wetted with not less than 20% water, or mixture of alcohol and water, by mass |
| 0135 | Mercury fulminate, wetted with not less than 20% water, or mixture of alcohol and water, by mass |
| 1347 | Silver picrate, wetted with not less than 30% water, by mass |
| 1389 | Alkali metal amalgam, liquid |
| 1392 | Alkaline earth metal amalgam, liquid |

1435	Zinc ashes
1436	Zinc dust or zinc powder
1469	Lead nitrate
1470	Lead perchlorate, solid
1493	Silver nitrate
1513	Zinc chlorate
1514	Zinc nitrate
1515	Zinc permanganate
1516	Zinc peroxide
1587	Copper cyanide
1616	Lead acetate
1617	Lead arsenates
1618	Lead arsenites
1620	Lead cyanide
1623	Mercuric arsenate
1624	Mercuric chloride
1625	Mercuric nitrate
1626	Mercuric potassium cyanide
1627	Mercurous nitrate
1629	Mercury acetate
1630	Mercury ammonium chloride
1631	Mercury benzoate
1634	Mercury bromides
1636	Mercury cyanide
1637	Mercury gluconate
1638	Mercury iodide
1639	Mercury nucleate
1640	Mercury oleate
1641	Mercury oxide
1642	Mercury oxycyanide, desensitized
1643	Mercury potassium iodide
1644	Mercury salicylate
1645	Mercury sulphate
1646	Mercury thiocyanate
1649	Motor fuel anti-knock mixture
1653	Nickel cyanide
1674	Phenylmercuric acetate
1683	Silver arsenite
1684	Silver cyanide
1712	Zinc arsenate and zinc arsenite mixture
1713	Zinc cyanide
1714	Zinc phosphide
1794	Lead sulphate with more than 3% free acid
1838	Titanium tetrachloride
1840	Zinc chloride solution
1872	Lead dioxide
1894	Phenylmercuric hydroxide
1895	Phenylmercuric nitrate
1931	Zinc dithionite
1931	Zinc hydrosulphite

Part 3 – Dangerous Goods List, special provisions and exceptions

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- 2024 Mercury compound, liquid, n.o.s.
- 2025 Mercury compound, solid, n.o.s.
- 2026 Phenylmercuric compound, n.o.s.
- 2291 Lead compound, soluble, n.o.s.
- 2331 Zinc chloride, anhydrous
- 2441 Titanium trichloride, pyrophoric or titanium trichloride mixture, pyrophoric
- 2469 Zinc bromate
- 2546 Titanium powder, dry
- 2714 Zinc resinate
- 2777 Mercury based pesticide, solid, toxic
- 2778 Mercury based pesticide, liquid, flammable, toxic
- 2809 Mercury
- 2855 Zinc fluorosilicate
- 2869 Titanium trichloride mixture
- 2878 Titanium, sponge granules or titanium, sponge powders
- 2881 Metal catalyst, dry
- 2989 Lead phosphite, dibasic
- 3011 Mercury based pesticide, liquid, toxic, flammable
- 3012 Mercury based pesticide, liquid, toxic
- 3089 Metal powder, flammable, n.o.s.
- 3174 Titanium disulphide
- 3181 Metal salts of organic compounds, flammable, n.o.s.
- 3189 Metal powder, self-heating, n.o.s.
- 3401 Alkali metal amalgam, solid
- 3402 Alkaline earth metal amalgam, solid
- 3408 Lead perchlorate solution
- 3483 Motor fuel anti-knock mixture, flammable
- 8 Hypochlorites (SGG8)**
- 1471 Lithium hypochlorite
- 1748 Calcium hypochlorite, dry or calcium hypochlorite mixture, dry with more than 39% available chlorine (8.8% available oxygen)
- 1791 Hypochlorite solution
- 2208 Calcium hypochlorite mixture, dry with more than 10% but not more than 39% available chlorine
- 2741 Barium hypochlorite with more than 22% available chlorine
- 2880 Calcium hypochlorite, hydrated or calcium hypochlorite, hydrated mixture with not less than 5.5% but not more than 16% water
- 3212 Hypochlorites, inorganic, n.o.s.
- 3255 *tert*-Butyl hypochlorite
- 3485 Calcium hypochlorite, dry, corrosive or calcium hypochlorite mixture, dry, corrosive with more than 39% available chlorine (8.8% available oxygen)
- 3486 Calcium hypochlorite mixture, dry, corrosive with more than 10% but not more than 39% available chlorine
- 3487 Calcium hypochlorite, hydrated, corrosive or calcium hypochlorite, hydrated mixture, corrosive, with not less than 5.5% but not more than 16% water
- 9 Lead and its compounds (SGG9)**
- 0129 Lead azide, wetted with not less than 20% water, or mixture of alcohol and water, by mass
- 0130 Lead styphnate, wetted with not less than 20% water, or mixture of alcohol and water, by mass
- 0130 Lead trinitroresorcinate, wetted with not less than 20% water, or mixture of alcohol and water, by mass
- 1469 Lead nitrate

1470	Lead perchlorate, solid
1616	Lead acetate
1617	Lead arsenates
1618	Lead arsenites
1620	Lead cyanide
1649	Motor fuel anti-knock mixture
1794	Lead sulphate with more than 3% free acid
1872	Lead dioxide
2291	Lead compound, soluble, n.o.s.
2989	Lead phosphide, dibasic
3408	Lead perchlorate solution
3483	Motor fuel anti-knock mixture, flammable
10 Liquid halogenated hydrocarbons (SGG10)	
1099	Allyl bromide
1100	Allyl chloride
1107	Amyl chloride
1126	1-Bromobutane
1127	Chlorobutanes
1134	Chlorobenzene
1150	1,2-Dichloroethylene
1152	Dichloropentanes
1184	Ethylene dichloride
1278	1-Chloropropane
1279	1,2-Dichloropropane
1303	Vinylidene chloride, stabilized
1591	o-Dichlorobenzene
1593	Dichloromethane
1605	Ethylene dibromide
1647	Methyl bromide and ethylene dibromide mixture, liquid
1669	Pentachloroethane
1701	Xylyl bromide
1702	1,1,2,2-Tetrachloroethane
1710	Trichloroethylene
1723	Allyl iodide
1737	Benzyl bromide
1738	Benzyl chloride
1846	Carbon tetrachloride
1887	Bromochloromethane
1888	Chloroform
1891	Ethyl bromide
1897	Tetrachloroethylene
1991	Chloroprene, stabilized
2234	Chlorobenzotrifluorides
2238	Chlorotoluenes
2279	Hexachlorobutadiene
2321	Trichlorobenzenes, liquid
2322	Trichlorobutene
2339	2-Bromobutane
2341	1-Bromo-3-methylbutane
2342	Bromomethylpropanes

Part 3 – Dangerous Goods List, special provisions and exceptions

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2343	2-Bromopentane
2344	Bromopropanes
2356	2-Chloropropane
2362	1,1-Dichloroethane
2387	Fluorobenzene
2388	Fluorotoluenes
2390	2-Iodobutane
2391	Iodomethylpropanes
2392	Iodopropanes
2456	2-Chloropropene
2504	Tetrabromoethane
2515	Bromoform
2554	Methylallyl chloride
2644	Methyl iodide
2646	Hexachlorocyclopentadiene
2664	Dibromomethane
2688	1-Bromo-3-chloropropane
2831	1,1,1-Trichloroethane
2872	Dibromochloropropanes

11 Mercury and mercury compounds (SGG11)

0135	Mercury fulminate, wetted with not less than 20% water, or mixture of alcohol and water, by mass
1389	Alkali metal amalgam, liquid
1392	Alkaline earth metal amalgam, liquid
1623	Mercuric arsenate
1624	Mercuric chloride
1625	Mercuric nitrate
1626	Mercuric potassium cyanide
1627	Mercurous nitrate
1629	Mercury acetate
1630	Mercury ammonium chloride
1631	Mercury benzoate
1634	Mercury bromides
1636	Mercury cyanide
1637	Mercury gluconate
1638	Mercury iodide
1639	Mercury nucleate
1640	Mercury oleate
1641	Mercury oxide
1642	Mercury oxycyanide, desensitized
1643	Mercury potassium iodide
1644	Mercury salicylate
1645	Mercury sulphate
1646	Mercury thiocyanate
1894	Phenylmercuric hydroxide
1895	Phenylmercuric nitrate
2024	Mercury compound, liquid, n.o.s.
2025	Mercury compound, solid, n.o.s.
2026	Phenylmercuric compound, n.o.s.
2777	Mercury based pesticide, solid, toxic

- 2778 Mercury based pesticide, liquid, flammable, toxic
- 2809 Mercury
- 3011 Mercury based pesticide, liquid, toxic, flammable
- 3012 Mercury based pesticide, liquid, toxic
- 3401 Alkali metal amalgam, solid
- 3402 Alkaline earth metal amalgam, solid

12 Nitrites and their mixtures (SGG12)

- 1487 Potassium nitrate and sodium nitrite mixture
- 1488 Potassium nitrite
- 1500 Sodium nitrite
- 2627 Nitrites, inorganic, n.o.s.
- 2726 Nickel nitrite
- 3219 Nitrites, inorganic, aqueous solution, n.o.s.

13 Perchlorates (SGG13)

- 1442 Ammonium perchlorate
- 1447 Barium perchlorate, solid
- 1455 Calcium perchlorate
- 1470 Lead perchlorate, solid
- 1475 Magnesium perchlorate
- 1481 Perchlorates, inorganic, n.o.s.
- 1489 Potassium perchlorate
- 1502 Sodium perchlorate
- 1508 Strontium perchlorate
- 3211 Perchlorates, inorganic, aqueous solution, n.o.s.
- 3406 Barium perchlorate solution
- 3408 Lead perchlorate solution

14 Permanganates (SGG14)

- 1448 Barium permanganate
- 1456 Calcium permanganate
- 1482 Permanganates, inorganic, n.o.s.
- 1490 Potassium permanganate
- 1503 Sodium permanganate
- 1515 Zinc permanganate
- 3214 Permanganates, inorganic, aqueous solution, n.o.s.

15 Powdered metals (SGG15)

- 1309 Aluminium powder, coated
- 1326 Hafnium powder, wetted with not less than 25% water
- 1352 Titanium powder, wetted with not less than 25% water
- 1358 Zirconium powder, wetted with not less than 25% water
- 1383 Pyrophoric alloy or pyrophoric metal, n.o.s.
- 1396 Aluminium powder, uncoated
- 1398 Aluminium silicon powder, uncoated
- 1418 Magnesium powder or magnesium alloys powder
- 1435 Zinc ashes
- 1436 Zinc dust or zinc powder
- 1854 Barium alloys, pyrophoric
- 2008 Zirconium powder, dry
- 2009 Zirconium, dry, sheets, strip or coiled wire
- 2545 Hafnium powder, dry
- 2546 Titanium powder, dry

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- 2878 Titanium sponge powders
 2881 Metal catalyst, dry
 2950 Magnesium granules, coated, particle size not less than 149 microns
 3078 Cerium, turnings or gritty powder
 3089 Metal powder, flammable, n.o.s.
 3170 Aluminium smelting by-products or aluminium remelting by-products
 3189 Metal powder, self-heating, n.o.s.

16 Peroxides (SGG16)

- 1449 Barium peroxide
 1457 Calcium peroxide
 1472 Lithium peroxide
 1476 Magnesium peroxide
 1483 Peroxides, inorganic, n.o.s.
 1491 Potassium peroxide
 1504 Sodium peroxide
 1509 Strontium peroxide
 1516 Zinc peroxide
 2014 Hydrogen peroxide, aqueous solution, 20–60%
 2015 Hydrogen peroxide, aqueous solution, stabilized
 2466 Potassium superoxide
 2547 Sodium superoxide
 3149 Hydrogen peroxide and peroxyacetic acid mixture
 3377 Sodium perborate monohydrate
 3378 Sodium carbonate peroxyhydrate

17 Azides (SGG17)

- 0129 Lead azide, wetted with not less than 20% water, or mixture of alcohol and water, by mass
 0224 Barium azide, dry or wetted with less than 50% water, by mass
 1571 Barium azide, wetted with not less than 50% water, by mass
 1687 Sodium azide

18 Alkalies (SGG18)

- 1005 Ammonia, anhydrous
 1160 Dimethylamine, aqueous solution
 1163 Dimethylhydrazine, unsymmetrical
 1235 Methylamine, aqueous solution
 1244 Methylhydrazine
 1289 Sodium methylate solution in alcohol
 1382 Potassium sulphide, anhydrous or potassium sulphide with less than 30% water of crystallization
 1385 Sodium sulphide, anhydrous or sodium sulphide with less than 30% water of crystallization
 1431 Sodium methylate
 1604 Ethylenediamine
 1719 Caustic alkali liquid, n.o.s.
 1813 Potassium hydroxide, solid
 1814 Potassium hydroxide solution
 1819 Sodium aluminate solution
 1823 Sodium hydroxide, solid
 1824 Sodium hydroxide solution
 1825 Sodium monoxide
 1835 Tetramethylammonium hydroxide solution
 1847 Potassium sulphide, hydrated with not less than 30% water of crystallization
 1849 Sodium sulphide, hydrated with not less than 30% water

1907	Soda lime with more than 4% sodium hydroxide
1922	Pyrrolidine
2029	Hydrazine, anhydrous
2030	Hydrazine, aqueous solution with more than 37% hydrazine, by mass
2033	Potassium monoxide
2073	Ammonia solution, relative density less than 0.880 at 15°C in water, with more than 35% but not more than 50% ammonia
2079	Diethylenetriamine
2259	Triethylenetetramine
2270	Ethylamine, aqueous solution, with not less than 50% but not more than 70% ethylamine
2318	Sodium hydrosulphide with less than 25% water of crystallization
2320	Tetraethylenepentamine
2379	1,3-Dimethylbutylamine
2382	Dimethylhydrazine, symmetrical
2386	1-Ethylpiperidine
2399	1-Methylpiperidine
2401	Piperidine
2491	Ethanolamine or ethanolamine solution
2579	Piperazine
2671	Aminopyridines (<i>o</i> -, <i>m</i> -, <i>p</i> -)
2672	Ammonia solution relative density between 0.880 and 0.957 at 15°C in water, with more than 10% but not more than 35% ammonia, by mass
2677	Rubidium hydroxide solution
2678	Rubidium hydroxide
2679	Lithium hydroxide solution
2680	Lithium hydroxide
2681	Caesium hydroxide solution
2682	Caesium hydroxide
2683	Ammonium sulphide solution
2733	Amines, flammable, corrosive, n.o.s. or polyamines, flammable, corrosive, n.o.s.
2734	Amines, liquid, corrosive, flammable, n.o.s. or polyamines, liquid, corrosive, flammable, n.o.s.
2735	Amines, liquid, corrosive, n.o.s. or polyamines, liquid, corrosive, n.o.s.
2795	Batteries, wet, filled with alkali, electric storage
2797	Battery fluid, alkali
2818	Ammonium polysulphide solution
2949	Sodium hydrosulphide, hydrated with not less than 25% water of crystallization
3028	Batteries, dry, containing potassium hydroxide, solid electric storage
3073	Vinylpyridines, stabilized
3206	Alkali metal alcoholates, self-heating, corrosive, n.o.s.
3253	Disodium trioxosilicate
3259	Amines, solid, corrosive, n.o.s. or polyamines, solid, corrosive, n.o.s.
3262	Corrosive solid, basic, inorganic, n.o.s.
3263	Corrosive solid, basic, organic, n.o.s.
3266	Corrosive liquid, basic, inorganic, n.o.s.
3267	Corrosive liquid, basic, organic, n.o.s.
3274	Alcoholates solution, n.o.s. in alcohol
3293	Hydrazine, aqueous solution with not more than 37% hydrazine, by mass
3318	Ammonia solution, relative density less than 0.880 at 15°C in water, with more than 50% ammonia
3320	Sodium borohydride and sodium hydroxide solution with not more than 12% sodium borohydride and not more than 40% sodium hydroxide, by mass

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3423	Tetramethylammonium hydroxide, solid
3484	Hydrazine aqueous solution, flammable, with more than 37% hydrazine, by mass



Chapter 3.2

Dangerous Goods List

3.2.1 Structure of the Dangerous Goods List

The Dangerous Goods List is divided into 18 columns as follows:

Column 1	UN No. – this column contains the United Nations number assigned to a dangerous good by the United Nations Sub-Committee of Experts on the Transport of Dangerous Goods (UN List).
Column 2	Proper shipping name (PSN) – this column contains the proper shipping names in upper-case characters, which may have to be followed by additional descriptive text in lower-case characters (see 3.1.2). Proper shipping names may be shown in plural where isomers of similar classification exist. Hydrates may be included under the proper shipping name for the anhydrous substances. Unless otherwise indicated for an entry in the Dangerous Goods List, the word “SOLUTION” in a proper shipping name means one or more named dangerous goods dissolved in a liquid that is not otherwise subject to this Code. When a flashpoint is mentioned in this column, the data is based on closed-cup (c.c.) methods.
Column 3	Class or division – this column contains the class and, in the case of class 1, the division and the compatibility group assigned to the substance or article according to the classification system described in part 2, chapter 2.1.
Column 4	Subsidiary hazard(s) – this column contains the class number(s) of any subsidiary hazard(s) which have been identified by applying the classification system described in part 2. This column also identifies a dangerous good as a marine pollutant as follows: P – Marine pollutant: a non-exhaustive list of known marine pollutants, based on previous criteria and assignment. The absence of the symbol P or the presence of a “–” in that column does not preclude the application of 2.10.3.
Column 5	Packing group – this column contains the packing group number (i.e. I, II or III) where assigned to the substance or article. If more than one packing group is indicated for the entry, the packing group of the substance or formulation to be transported shall be determined, based on its properties, through application of the hazard grouping criteria as provided in part 2.
Column 6	Special provisions – this column contains a number referring to any special provision(s) indicated in chapter 3.3 that is relevant to the substance or article. Special provisions apply to all packing groups permitted for a particular substance or article unless the wording makes it otherwise apparent. The special provision numbers specific to the sea mode start from 900. Note: When a special provision is no longer needed, this special provision is deleted but the special provision number is not allocated again, in order not to confuse the users of this Code. For this reason, some of the numbers are missing.
Column 7a	Limited quantities – this column provides the maximum quantity per inner packaging or article for transporting dangerous goods as limited quantities in accordance with chapter 3.4.
Column 7b	Excepted quantities – this column provides an alpha-numeric code described in subsection 3.5.1.2 which indicates the maximum quantity per inner and outer packaging for transporting dangerous goods as excepted quantities in accordance with chapter 3.5.
Column 8	Packing instructions – this column contains alpha-numeric codes which refer to the relevant packing instruction(s) in 4.1.4. The packing instructions indicate the packagings (including large packagings) which may be used for the transport of substances and articles. A code including the letter “P” refers to packing instructions for the use of packagings described in chapter 6.1, 6.2 or 6.3.

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	A code including the letters “LP” refers to packing instructions for the use of large packagings described in chapter 6.6. When a code including the letter(s) “P” or “LP” is not provided, it means that the substance is not allowed in that type of packaging.
Column 9	Special packing provisions – this column contains alpha-numeric codes which refer to the relevant special packing provisions specified in 4.1.4. The special packing provisions indicate the packagings (including large packagings). A special packing provision including the letters “PP” refers to a special packing provision applicable to the use of a packing instruction bearing the Code “P” in 4.1.4.1. A special packing provision including the letter “L” refers to a special packing provision applicable to a packing instruction bearing the code “LP” in 4.1.4.3.
Column 10	IBC packing instructions – this column contains alpha-numeric codes that refer to the relevant IBC instruction, which indicates the type of IBC that shall be used for the transport of the substance under reference. A code including the letters “IBC” refers to packing instructions for the use of IBCs described in chapter 6.5. When a code is not provided, it means the substance is not authorized in IBC.
Column 11	IBC special provisions – this column contains an alpha-numeric code, including the letter “B”, which refers to special packing provisions applicable to the use of packing instructions bearing the code “IBC” in 4.1.4.2.
Column 12	[Reserved]
Column 13	Tank and bulk container instructions – this column contains T codes (see 4.2.5.2.6) applicable to the transport of dangerous goods in portable tanks and road tank vehicles. When a T code is not provided in this column, it means that the dangerous goods are not authorized for transport in tanks unless specifically approved by the competent authority. A code including the letters “BK” refers to the type of bulk containers used for the transport of bulk goods described in chapters 4.3 and 6.9. The gases authorized for transport in MEGCs are indicated in the column “MEGC” in tables 1 and 2 of packing instruction P200 in 4.1.4.1.
Column 14	Tank special provisions – this column contains TP notes (see 4.2.5.3) applicable to the transport of dangerous goods in portable tanks and road tank vehicles. The TP notes specified in this column apply to the portable tanks specified in column 13.
Column 15	EmS – this column refers to the relevant emergency schedules for FIRE and SPILLAGE in “The EmS Guide – Revised Emergency Response Procedures for Ships Carrying Dangerous Goods”. The first EmS code refers to the relevant Fire Schedule (e.g. Fire Schedule Alfa “F-A” General Fire Schedule). The second EmS code refers to the relevant Spillage Schedule (e.g. Spillage Schedule Alfa “S-A” Toxic Substances). Underlined EmS codes (special cases) indicate a substance, material or article for which additional advice is given in the emergency response procedures. For dangerous goods offered for transport under N.O.S. entries or other generic entries, the most relevant emergency response procedures may vary with the properties of the hazardous constituents. As a consequence, shippers may have to declare different EmS codes from those indicated, if, to their knowledge, such codes are more appropriate. The provisions in this column are not mandatory.
Column 16a	Stowage and handling – this column contains the stowage and handling codes as specified in 7.1.5 and 7.1.6.
Column 16b	Segregation – this column contains the segregation group codes as specified in 7.2.5.2 and the segregation codes as specified in 7.2.8.
Column 17	Properties and observations – this column contains properties of and observations on the dangerous goods listed. The provisions in this column are not mandatory. Properties of most gases include an indication of its density in relation to air. The figures in brackets give the density relative to air. .1 “lighter than air” when the vapour density is down to half that of air;

- .2 “much lighter than air” when the vapour density is less than half that of air;
- .3 “heavier than air” when the vapour density is up to twice that of air; and
- .4 “much heavier than air” when the vapour density is more than twice that of air.

When explosive limits are given, these refer to the volume percentage of the vapour of the substance when mixed with air.

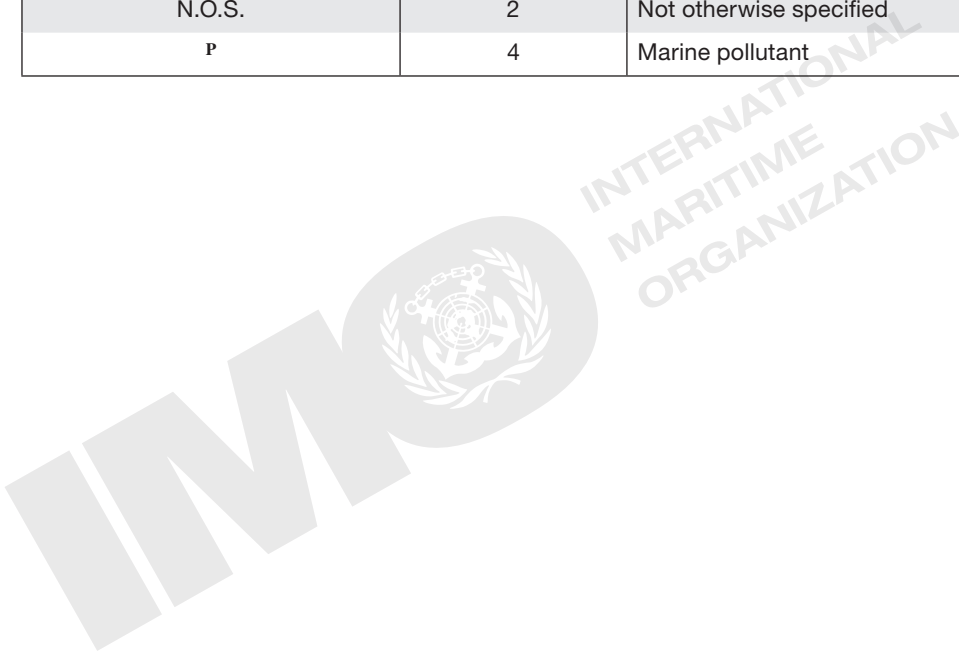
The ease and extent to which different liquids mix with water varies greatly and most entries have included an indication of miscibility. In these cases “miscible with water” normally means capable of being mixed with water in all proportions to form a completely homogeneous liquid.

Column 18 UN No. – see column 1.

3.2.2 Abbreviations and symbols

The following abbreviations and symbols are used in the Dangerous Goods List and have the meanings shown:

Abbreviation/symbol	Column	Meaning
N.O.S.	2	Not otherwise specified
P	4	Marine pollutant





Dangerous Goods List



INTERNATIONAL
MARITIME
ORGANIZATION

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UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0004	AMMONIUM PICRATE dry or wetted with less than 10% water, by mass	1.1D	–	–	–	0	E0	P112 (a), (b) or (c)	PP26	–	–
0005	CARTRIDGES FOR WEAPONS with bursting charge	1.1F	–	–	–	0	E0	P130 LP101	–	–	–
0006	CARTRIDGES FOR WEAPONS with bursting charge	1.1E	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0007	CARTRIDGES FOR WEAPONS with bursting charge	1.2F	–	–	–	0	E0	P130 LP101	–	–	–
0009	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1.2G	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0010	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1.3G	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0012	CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS	1.4S	–	–	364	5 kg	E0	P130 LP101	–	–	–
0014	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK or CARTRIDGES FOR TOOLS, BLANK	1.4S	–	–	364	5 kg	E0	P130 LP101	–	–	–
0015	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.2G	See SP204	–	204	0	E0	P130 LP101	PP67 L1	–	–
0016	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.3G	See SP204	–	204	0	E0	P130 LP101	PP67 L1	–	–
0018	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1.2G	6.1/8	–	–	0	E0	P130 LP101	PP67 L1	–	–
0019	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1.3G	6.1/8	–	–	0	E0	P130 LP101	PP67 L1	–	–
0020	AMMUNITION, TOXIC with burster, expelling charge or propelling charge	1.2K	6.1	–	274	0	E0	P101	–	–	–
0021	AMMUNITION, TOXIC with burster, expelling charge or	1.3K	6.1	–	274	0	E0	P101	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-Z	Category 03 SW1	
–	–	–	F-B, S-Z	Category 03 SW1	
–	–	–	F-B, S-Z	Category 05 SW1	
–	–	–	F-B, S-Z	Category 05 SW1	

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UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0034	BOMBS with bursting charge	1.1D	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0035	BOMBS with bursting charge	1.2D	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0037	BOMBS, PHOTO-FLASH	1.1F	–	–	–	0	E0	P130 LP101	–	–	–
0038	BOMBS, PHOTO-FLASH	1.1D	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0039	BOMBS, PHOTO-FLASH	1.2G	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0042	BOOSTERS without detonator	1.1D	–	–	–	0	E0	P132 (a) or (b)	–	–	–
0043	BURSTERS explosive	1.1D	–	–	–	0	E0	P133	PP69	–	–
0044	PRIMERS, CAP TYPE	1.4S	–	–	–	0	E0	P133	–	–	–
0048	CHARGES, DEMOLITION	1.1D	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0049	CARTRIDGES, FLASH	1.1G	–	–	–	0	E0	P135	–	–	–
0050	CARTRIDGES, FLASH	1.3G	–	–	–	0	E0	P135	–	–	–
0054	CARTRIDGES, SIGNAL	1.3G	–	–	–	0	E0	P135	–	–	–
0055	CASES, CARTRIDGE, EMPTY, WITH PRIMER	1.4S	–	–	364	5 kg	E0	P136	–	–	–
0056	CHARGES, DEPTH	1.1D	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0059	CHARGES, SHAPED, without detonator	1.1D	–	–	–	0	E0	P137	PP70	–	–
0060	CHARGES, SUPPLEMENTARY, EXPLOSIVE	1.1D	–	–	–	0	E0	P132 (a) or (b)	–	–	–
0065	CORD, DETONATING, flexible	1.1D	–	–	–	0	E0	P139	PP71 PP72	–	–
0066	CORD, IGNITER	1.4G	–	–	–	0	E0	P140	–	–	–
0070	CUTTERS, CABLE, EXPLOSIVE	1.4S	–	–	–	0	E0	P134 LP102	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 01 SW1	

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UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0076	DINITROPHENOL, dry or wetted with less than 15% water, by mass	1.1D	6.1 P	–	–	0	E0	P112 (a), (b) or (c)	PP26	–	–
0077	DINITROPHENOLATES, alkali metals, dry or wetted with less than 15% water, by mass	1.3C	6.1 P	–	–	0	E0	P114 (a) or (b)	PP26	–	–
0078	DINITRORESORCINOL, dry or wetted with less than 15% water, by mass	1.1D	–	–	–	0	E0	P112 (a), (b) or (c)	PP26	–	–
0079	HEXANITRODIPHENYLAMINE (DIPICRYLAMINE; HEXYL)	1.1D	–	–	–	0	E0	P112 (b) or (c)	–	–	–
0081	EXPLOSIVE, BLASTING, TYPE A	1.1D	–	–	–	0	E0	P116	PP63 PP66	–	–
0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	–	–	–	0	E0	P116	PP61 PP62	IBC100	B9
0083	EXPLOSIVE, BLASTING, TYPE C	1.1D	–	–	267	0	E0	P116	–	–	–
0084	EXPLOSIVE, BLASTING, TYPE D	1.1D	–	–	–	0	E0	P116	–	–	–
0092	FLARES, SURFACE	1.3G	–	–	–	0	E0	P135	–	–	–
0093	FLARES, AERIAL	1.3G	–	–	–	0	E0	P135	–	–	–
0094	FLASH POWDER	1.1G	–	–	–	0	E0	P113	PP49	–	–
0099	FRACTURING DEVICES, EXPLOSIVE without detonator, for oil wells	1.1D	–	–	–	0	E0	P134 LP102	–	–	–
0101	FUSE, NON-DETONATING	1.3G	–	–	–	0	E0	P140	PP74 PP75	–	–
0102	CORD (FUSE), DETONATING, metal-clad	1.2D	–	–	–	0	E0	P139	PP71	–	–
0103	FUSE, IGNITER tubular, metal-clad	1.4G	–	–	–	0	E0	P140	–	–	–
0104	CORD (FUSE), DETONATING, MILD EFFECT, metal-clad	1.4D	–	–	–	0	E0	P139	PP71	–	–
0105	FUSE, SAFETY	1.4S	–	–	–	0	E0	P140	PP73	–	–
0106	FUZES, DETONATING	1.1B	–	–	–	0	E0	P141	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-B, S-Z	Category 04 SW1	
–	–	–	F-B, S-Z	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-Y	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 05	

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UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0118	HEXOLITE (HEXOTOL), dry or wetted with less than 15% water, by mass	1.1D	–	–	–	0	E0	P112 (a), (b) or (c)	–	–	–
0121	IGNITERS	1.1G	–	–	–	0	E0	P142	–	–	–
0124	JET PERFORATING GUNS, CHARGED, oil well, without detonator	1.1D	–	–	–	0	E0	P101	–	–	–
0129	LEAD AZIDE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1.1A	–	–	266	0	E0	P110 (a) or (b)	PP42	–	–
0130	LEAD STYPHNATE (LEAD TRINITRORESORCINATE), WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1.1A	–	–	266	0	E0	P110 (a) or (b)	PP42	–	–
0131	LIGHTERS, FUSE	1.4S	–	–	–	0	E0	P142	–	–	–
0132	DEFLAGRATING METAL SALTS OF AROMATIC NITRO-DERIVATIVES, N.O.S.	1.3C	–	–	–	0	E0	P114 (b)	PP26	–	–
0133	MANNITOL HEXANITRATE (NITROMANNITE), WETTED with not less than 40% water, or mixture of alcohol and water, by mass	1.1D	–	–	266	0	E0	P112 (a)	–	–	–
0135	MERCURY FULMINATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1.1A	–	–	266	0	E0	P110 (a) or (b)	PP42	–	–
0136	MINES with bursting charge	1.1F	–	–	–	0	E0	P130 LP101	–	–	–
0137	MINES with bursting charge	1.1D	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0138	MINES with bursting charge	1.2D	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0143	NITROGLYCERIN, DESENSITIZED with not less than 40% water, or mixture of alcohol and water, by mass	1.1D	See SP271	–	266 271 272	0	E0	P115	PP53 PP54 PP57	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	(16b) 7.2
–	–	–	F-B, S-Y	Category 04 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–
–	–	–	F-B, S-X	Category 03 SW1 SW30	–
–	–	–	F-B, S-Y	Category 05 SW1	–
–	–	–	F-B, S-Y	Category 05 SW1	–
–	–	–	F-B, S-X	Category 01 SW1	–
–	–	–	F-B, S-Y	Category 04 SW1	–
–	–	–	F-B, S-Y	Category 04 SW1	–
–	–	–	F-B, S-Y	Category 05 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–
–	–	–	F-B, S-Z	Category 04 SW1	–

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0150	PENTAERYTHRITETETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN), WETTED with not less than 25% water, by mass or PENTAERYTHRITETETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN), DESENSITIZED with not less than 15% phlegmatizer, by mass	1.1D	–	–	266	0	E0	P112 (a) or (b)	–	–	–
0151	PENTOLITE, dry or wetted with less than 15% water, by mass	1.1D	–	–	–	0	E0	P112 (a), (b) or (c)	–	–	–
0153	TRINITROANILINE (PICRAMIDE)	1.1D	–	–	–	0	E0	P112 (b) or (c)	–	–	–
0154	TRINITROPHENOL (PICRIC ACID), dry or wetted with less than 30% water, by mass	1.1D	–	–	–	0	E0	P112 (a), (b) or (c)	PP26	–	–
0155	TRINITROCHLOROBENZENE (PICRYL CHLORIDE)	1.1D	–	–	–	0	E0	P112 (b) or (c)	–	–	–
0159	POWDER CAKE (POWDER PASTE), WETTED with not less than 25% water, by mass	1.3C	–	–	266	0	E0	P111	PP43	–	–
0160	POWDER, SMOKELESS	1.1C	–	–	–	0	E0	P114 (b)	PP50 PP52	–	–
0161	POWDER, SMOKELESS	1.3C	–	–	–	0	E0	P114 (b)	PP50 PP52	–	–
0167	PROJECTILES with bursting charge	1.1F	–	–	–	0	E0	P130 LP101	–	–	–
0168	PROJECTILES with bursting charge	1.1D	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0169	PROJECTILES with bursting charge	1.2D	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0171	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	1.2G	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0173	RELEASE DEVICES, EXPLOSIVE	1.4S	–	–	–	0	E0	P134 LP102	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 01 SW1	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0191	SIGNAL DEVICES, HAND	1.4G	–	–	–	0	E0	P135	–	–	–
0192	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.1G	–	–	–	0	E0	P135	–	–	–
0193	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.4S	–	–	–	0	E0	P135	–	–	–
0194	SIGNALS, DISTRESS, ship	1.1G	–	–	–	0	E0	P135	–	–	–
0195	SIGNALS, DISTRESS, ship	1.3G	–	–	–	0	E0	P135	–	–	–
0196	SIGNALS, SMOKE	1.1G	–	–	–	0	E0	P135	–	–	–
0197	SIGNALS, SMOKE	1.4G	–	–	–	0	E0	P135	–	–	–
0204	SOUNDING DEVICES, EXPLOSIVE	1.2F	–	–	–	0	E0	P134 LP102	–	–	–
0207	TETRANITROANILINE	1.1D	–	–	–	0	E0	P112 (b) or (c)	–	–	–
0208	TRINITROPHENYLMETHYL-NITRAMINE (TETRYL)	1.1D	–	–	–	0	E0	P112 (b) or (c)	–	–	–
0209	TRINITROTOLUENE (TNT), dry or wetted with less than 30% water, by mass	1.1D	–	–	–	0	E0	P112 (a), (b) or (c)	PP46	–	–
0212	TRACERS FOR AMMUNITION	1.3G	–	–	–	0	E0	P133	PP69	–	–
0213	TRINITROANISOLE	1.1D	–	–	–	0	E0	P112 (b) or (c)	–	–	–
0214	TRINITROBENZENE, dry or wetted with less than 30% water, by mass	1.1D	–	–	–	0	E0	P112 (a), (b) or (c)	–	–	–
0215	TRINITROBENZOIC ACID, dry or wetted with less than 30% water, by mass	1.1D	–	–	–	0	E0	P112 (a), (b) or (c)	–	–	–
0216	TRINITRO- <i>m</i> -CRESOL	1.1D	–	–	–	0	E0	P112 (b) or (c)	PP26	–	–
0217	TRINITRONAPHTHALENE	1.1D	–	–	–	0	E0	P112 (b) or (c)	–	–	–
0218	TRINITROPHENETOLE	1.1D	–	–	–	0	E0	P112 (b) or (c)	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0224	BARIUM AZIDE, dry or wetted with less than 50% water, by mass	1.1A	6.1	–	–	0	E0	P110 (a) or (b)	PP42	–	–
0225	BOOSTERS WITH DETONATOR	1.1B	–	–	–	0	E0	P133	PP69	–	–
0226	CYCLOTETRAMETHYLENE-TETRANITRAMINE (HMX; OCTOGEN), WETTED with not less than 15% water, by mass	1.1D	–	–	266	0	E0	P112 (a)	PP45	–	–
0234	SODIUM DINITRO- <i>o</i> -CRESOLATE, dry or wetted with less than 15% water, by mass	1.3C	6.1 P	–	–	0	E0	P114 (a) or (b)	PP26	–	–
0235	SODIUM PICRAMATE, dry or wetted with less than 20% water, by mass	1.3C	–	–	–	0	E0	P114 (a) or (b)	PP26	–	–
0236	ZIRCONIUM PICRAMATE, dry or wetted with less than 20% water, by mass	1.3C	–	–	–	0	E0	P114 (a) or (b)	PP26	–	–
0237	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.4D	–	–	–	0	E0	P138	–	–	–
0238	ROCKETS, LINE-THROWING	1.2G	–	–	–	0	E0	P130 LP101	–	–	–
0240	ROCKETS, LINE-THROWING	1.3G	–	–	–	0	E0	P130 LP101	–	–	–
0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	–	–	–	0	E0	P116	PP61 PP62	IBC100	B10
0242	CHARGES, PROPELLING, FOR CANNON	1.3C	–	–	–	0	E0	P130 LP101	–	–	–
0243	AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1.2H	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0244	AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1.3H	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0245	AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling	1.2H	–	–	–	0	E0	P130 LP101	PP67 L1	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	(16b) 7.2
–	–	–	F-B, S-Z	Category 05 SW1	–
–	–	–	F-B, S-X	Category 05 SW1	–
–	–	–	F-B, S-Y	Category 04 SW1	–
–	–	–	F-B, S-Z	Category 04 SW1	–
–	–	–	F-B, S-Y	Category 04 SW1	–
–	–	–	F-B, S-Y	Category 04 SW1	–
–	–	–	F-B, S-X	Category 02 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–
–	–	–	F-B, S-X	Category 04 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–
–	–	–	F-B, S-X	Category 05 SW1	–
–	–	–	F-B, S-X	Category 05 SW1	–
–	–	–	F-B, S-X	Category 05 SW1	–

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0249	CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	1.3L	4.3	–	274	0	E0	P144	PP77	–	–
0250	ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge	1.3L	–	–	–	0	E0	P101	–	–	–
0254	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	1.3G	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0255	DETONATORS, ELECTRIC for blasting	1.4B	–	–	399	0	E0	P131	–	–	–
0257	FUZES, DETONATING	1.4B	–	–	–	0	E0	P141	–	–	–
0266	OCTOLITE (OCTOL), dry or wetted with less than 15% water, by mass	1.1D	–	–	–	0	E0	P112 (a), (b) or (c)	–	–	–
0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	–	–	–	0	E0	P131	PP68	–	–
0268	BOOSTERS WITH DETONATOR	1.2B	–	–	–	0	E0	P133	PP69	–	–
0271	CHARGES, PROPELLING	1.1C	–	–	–	0	E0	P143	PP76	–	–
0272	CHARGES, PROPELLING	1.3C	–	–	–	0	E0	P143	PP76	–	–
0275	CARTRIDGES, POWER DEVICE	1.3C	–	–	–	0	E0	P134 LP102	–	–	–
0276	CARTRIDGES, POWER DEVICE	1.4C	–	–	–	0	E0	P134 LP102	–	–	–
0277	CARTRIDGES, OIL WELL	1.3C	–	–	–	0	E0	P134 LP102	–	–	–
0278	CARTRIDGES, OIL WELL	1.4C	–	–	–	0	E0	P134 LP102	–	–	–
0279	CHARGES, PROPELLING, FOR CANNON	1.1C	–	–	–	0	E0	P130 LP101	–	–	–
0280	ROCKET MOTORS	1.1C	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0281	ROCKET MOTORS	1.2C	–	–	–	0	E0	P130 LP101	PP67 L1	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-B, S-Y	Category 05 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 04 SW1	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0289	CORD, DETONATING, flexible	1.4D	–	–	–	0	E0	P139	PP71 PP72	–	–
0290	CORD (FUSE), DETONATING, metal-clad	1.1D	–	–	–	0	E0	P139	PP71	–	–
0291	BOMBS with bursting charge	1.2F	–	–	–	0	E0	P130 LP101	–	–	–
0292	GRENADES, hand or rifle, with bursting charge	1.1F	–	–	–	0	E0	P141	–	–	–
0293	GRENADES, hand or rifle, with bursting charge	1.2F	–	–	–	0	E0	P141	–	–	–
0294	MINES with bursting charge	1.2F	–	–	–	0	E0	P130 LP101	–	–	–
0295	ROCKETS with bursting charge	1.2F	–	–	–	0	E0	P130 LP101	–	–	–
0296	SOUNDING DEVICES, EXPLOSIVE	1.1F	–	–	–	0	E0	P134 LP102	–	–	–
0297	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	1.4G	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0299	BOMBS, PHOTO-FLASH	1.3G	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0300	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1.4G	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0301	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1.4G	6.1/8	–	–	0	E0	P130 LP101	PP67 L1	–	–
0303	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.4G	See SP204	–	204	0	E0	P130 LP101	PP67 L1	–	–
0305	FLASH POWDER	1.3G	–	–	–	0	E0	P113	PP49	–	–
0306	TRACERS FOR AMMUNITION	1.4G	–	–	–	0	E0	P133	PP69	–	–
0312	CARTRIDGES, SIGNAL	1.4G	–	–	–	0	E0	P135	–	–	–
0313	SIGNALS, SMOKE	1.2G	–	–	–	0	E0	P135	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	(16b)
–	–	–	F-B, S-X	Category 02 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–
–	–	–	F-B, S-X	Category 02 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–
–	–	–	F-B, S-X	Category 02 SW1	–
–	–	–	F-B, S-Z	Category 02 SW1	–
–	–	–	F-B, S-X	Category 02 SW1	–
–	–	–	F-B, S-Y	Category 03 SW1	–
–	–	–	F-B, S-X	Category 02 SW1	–
–	–	–	F-B, S-X	Category 02 SW1	–
–	–	–	F-B, S-X	Category 03 SW1	–

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0321	CARTRIDGES FOR WEAPONS with bursting charge	1.2E	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0322	ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge	1.2L	–	–	–	0	E0	P101	–	–	–
0323	CARTRIDGES, POWER DEVICE	1.4S	–	–	347	0	E0	P134 LP102	–	–	–
0324	PROJECTILES with bursting charge	1.2F	–	–	–	0	E0	P130 LP101	–	–	–
0325	IGNITERS	1.4G	–	–	–	0	E0	P142	–	–	–
0326	CARTRIDGES FOR WEAPONS, BLANK	1.1C	–	–	–	0	E0	P130 LP101	–	–	–
0327	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK	1.3C	–	–	–	0	E0	P130 LP101	–	–	–
0328	CARTRIDGES FOR WEAPONS, INERT PROJECTILE	1.2C	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0329	TORPEDOES with bursting charge	1.1E	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0330	TORPEDOES with bursting charge	1.1F	–	–	–	0	E0	P130 LP101	–	–	–
0331	EXPLOSIVE, BLASTING, TYPE B (AGENT, BLASTING, TYPE B)	1.5D	–	–	–	0	E0	P116	PP61 PP62 PP64	IBC100	–
0332	EXPLOSIVE, BLASTING, TYPE E (AGENT, BLASTING, TYPE E)	1.5D	–	–	–	0	E0	P116	PP61 PP62	IBC100	–
0333	FIREWORKS	1.1G	–	–	–	0	E0	P135	–	–	–
0334	FIREWORKS	1.2G	–	–	–	0	E0	P135	–	–	–
0335	FIREWORKS	1.3G	–	–	–	0	E0	P135	–	–	–
0336	FIREWORKS	1.4G	–	–	–	0	E0	P135	–	–	–
0337	FIREWORKS	1.4S	–	–	–	0	E0	P135	–	–	–
0338	CARTRIDGES FOR WEAPONS,	1.4C	–	–	–	0	E0	P130	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	T1	TP1 TP17 TP32	F-B, S-Y	Category 03 SW1	
–	T1	TP1 TP17 TP32	F-B, S-Y	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 02	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0343	NITROCELLULOSE, PLASTICIZED with not less than 18% plasticizing substance, by mass	1.3C	–	–	105 393	0	E0	P111	–	–	–
0344	PROJECTILES with bursting charge	1.4D	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0345	PROJECTILES, inert with tracer	1.4S	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0346	PROJECTILES with burster or expelling charge	1.2D	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0347	PROJECTILES with burster or expelling charge	1.4D	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0348	CARTRIDGES FOR WEAPONS with bursting charge	1.4F	–	–	–	0	E0	P130 LP101	–	–	–
0349	ARTICLES, EXPLOSIVE, N.O.S.	1.4S	–	–	178 274 347	0	E0	P101	–	–	–
0350	ARTICLES, EXPLOSIVE, N.O.S.	1.4B	–	–	178 274	0	E0	P101	–	–	–
0351	ARTICLES, EXPLOSIVE, N.O.S.	1.4C	–	–	178 274	0	E0	P101	–	–	–
0352	ARTICLES, EXPLOSIVE, N.O.S.	1.4D	–	–	178 274	0	E0	P101	–	–	–
0353	ARTICLES, EXPLOSIVE, N.O.S.	1.4G	–	–	178 274	0	E0	P101	–	–	–
0354	ARTICLES, EXPLOSIVE, N.O.S.	1.1L	See SP943	–	178 274	0	E0	P101	–	–	–
0355	ARTICLES, EXPLOSIVE, N.O.S.	1.2L	See SP943	–	178 274	0	E0	P101	–	–	–
0356	ARTICLES, EXPLOSIVE, N.O.S.	1.3L	See SP943	–	178 274	0	E0	P101	–	–	–
0357	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1L	–	–	178 274	0	E0	P101	–	–	–
0358	SUBSTANCES, EXPLOSIVE, N.O.S.	1.2L	–	–	178 274	0	E0	P101	–	–	–
0359	SUBSTANCES, EXPLOSIVE, N.O.S.	1.3L	–	–	178 274	0	E0	P101	–	–	–
0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	–	–	–	0	E0	P131	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-Y	Category 05 SW1	
–	–	–	F-B, S-Y	Category 05 SW1	
–	–	–	F-B, S-Y	Category 05 SW1	
–	–	–	F-B, S-X	Category 05 SW1	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0368	FUZES, IGNITING	1.4S	–	–	–	0	E0	P141	–	–	–
0369	WARHEADS, ROCKET with bursting charge	1.1F	–	–	–	0	E0	P130 LP101	–	–	–
0370	WARHEADS, ROCKET with burster or expelling charge	1.4D	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0371	WARHEADS, ROCKET with burster or expelling charge	1.4F	–	–	–	0	E0	P130 LP101	–	–	–
0372	GRENADES, PRACTICE, hand or rifle	1.2G	–	–	–	0	E0	P141	–	–	–
0373	SIGNAL DEVICES, HAND	1.4S	–	–	–	0	E0	P135	–	–	–
0374	SOUNDING DEVICES, EXPLOSIVE	1.1D	–	–	–	0	E0	P134 LP102	–	–	–
0375	SOUNDING DEVICES, EXPLOSIVE	1.2D	–	–	–	0	E0	P134 LP102	–	–	–
0376	PRIMERS, TUBULAR	1.4S	–	–	–	0	E0	P133	–	–	–
0377	PRIMERS, CAP TYPE	1.1B	–	–	–	0	E0	P133	–	–	–
0378	PRIMERS, CAP TYPE	1.4B	–	–	–	0	E0	P133	–	–	–
0379	CASES, CARTRIDGE, EMPTY, WITH PRIMER	1.4C	–	–	–	0	E0	P136	–	–	–
0380	ARTICLES, PYROPHORIC	1.2L	–	–	–	0	E0	P101	–	–	–
0381	CARTRIDGES, POWER DEVICE	1.2C	–	–	–	0	E0	P134 LP102	–	–	–
0382	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.2B	–	–	178 274	0	E0	P101	–	–	–
0383	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.4B	–	–	178 274	0	E0	P101	–	–	–
0384	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.4S	–	–	178 274 347	0	E0	P101	–	–	–
0385	5-NITROBENZOTRIAZOL	1.1D	–	–	–	0	E0	P112 (b) or (c)	–	–	–
0386	TRINITROBENZENESULPHONIC ACID	1.1D	–	–	–	0	E0	P112 (b) or (c)	PP26	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7				
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0391	CYCLOTRIMETHYLENE-TRINITRAMINE (CYCLONITE; HEXOGEN; RDX) AND CYCLOTETRAMETHYLENE-TETRANITRAMINE (HMX; OCTOGEN) MIXTURE, WETTED with not less than 15% water, by mass or CYCLOTRIMETHYLENE-TRINITRAMINE (CYCLONITE; HEXOGEN; RDX) AND CYCLOTETRAMETHYLENE-TETRANITRAMINE (HMX; OCTOGEN) MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	1.1D	–	–	266	0	E0	P112 (a) or (b)	–	–	–
0392	HEXANITROSTILBENE	1.1D	–	–	–	0	E0	P112 (b) or (c)	–	–	–
0393	HEXOTONAL	1.1D	–	–	–	0	E0	P112 (b)	–	–	–
0394	TRINITRORESORCINOL (STYPHNIC ACID), WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1.1D	–	–	–	0	E0	P112 (a)	PP26	–	–
0395	ROCKET MOTORS, LIQUID FUELLED	1.2J	–	–	–	0	E0	P101	–	–	–
0396	ROCKET MOTORS, LIQUID FUELLED	1.3J	–	–	–	0	E0	P101	–	–	–
0397	ROCKETS, LIQUID FUELLED with bursting charge	1.1J	–	–	–	0	E0	P101	–	–	–
0398	ROCKETS, LIQUID FUELLED with bursting charge	1.2J	–	–	–	0	E0	P101	–	–	–
0399	BOMBS WITH FLAMMABLE LIQUID with bursting charge	1.1J	–	–	–	0	E0	P101	–	–	–
0400	BOMBS WITH FLAMMABLE LIQUID with bursting charge	1.2J	–	–	–	0	E0	P101	–	–	–
0401	DIPICRYL SULPHIDE, dry or wetted with less than 10% water, by mass	1.1D	–	–	–	0	E0	P112 (a), (b) or (c)	–	–	–
0402	AMMONIUM PERCHLORATE	1.1D	–	–	152	0	E0	P112 (b) or (c)	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	



INTERNATIONAL MARITIME ORGANIZATION

The United Nations emblem is centered on the page. It features a world map from the North Pole, surrounded by a laurel wreath. A chain of human figures is draped over the top of the emblem. A grid of squares is overlaid on the left side of the emblem, with horizontal lines extending from the grid into the emblem's area.[illegible]

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0437	ROCKETS with expelling charge	1.3C	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0438	ROCKETS with expelling charge	1.4C	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0439	CHARGES, SHAPED, without detonator	1.2D	–	–	–	0	E0	P137	PP70	–	–
0440	CHARGES, SHAPED, without detonator	1.4D	–	–	–	0	E0	P137	PP70	–	–
0441	CHARGES, SHAPED, without detonator	1.4S	–	–	347	0	E0	P137	PP70	–	–
0442	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.1D	–	–	–	0	E0	P137	–	–	–
0443	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.2D	–	–	–	0	E0	P137	–	–	–
0444	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.4D	–	–	–	0	E0	P137	–	–	–
0445	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.4S	–	–	347	0	E0	P137	–	–	–
0446	CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	1.4C	–	–	–	0	E0	P136	–	–	–
0447	CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	1.3C	–	–	–	0	E0	P136	–	–	–
0448	5-MERCAPTOTETRAZOL-1-ACETIC ACID	1.4C	–	–	–	0	E0	P114 (b)	–	–	–
0449	TORPEDOES, LIQUID FUELLED with or without bursting charge	1.1J	–	–	–	0	E0	P101	–	–	–
0450	TORPEDOES, LIQUID FUELLED with inert head	1.3J	–	–	–	0	E0	P101	–	–	–
0451	TORPEDOES with bursting charge	1.1D	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0452	GRENADES, PRACTICE, hand or rifle	1.4G	–	–	–	0	E0	P141	–	–	–
0453	ROCKETS, LINE-THROWING	1.4G	–	–	–	0	E0	P130 LP101	–	–	–
0454	IGNITERS	1.4S	–	–	–	0	E0	P142	–	–	–
0455	DETONATORS, NON-ELECTRIC for blasting	1.4S	–	–	347	0	E0	P131	PP68	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7				
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-Y	Category 02 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-X	Category 01 SW1	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0463	ARTICLES, EXPLOSIVE, N.O.S.	1.1D	–	–	178 274	0	E0	P101	–	–	–
0464	ARTICLES, EXPLOSIVE, N.O.S.	1.1E	–	–	178 274	0	E0	P101	–	–	–
0465	ARTICLES, EXPLOSIVE, N.O.S.	1.1F	–	–	178 274	0	E0	P101	–	–	–
0466	ARTICLES, EXPLOSIVE, N.O.S.	1.2C	–	–	178 274	0	E0	P101	–	–	–
0467	ARTICLES, EXPLOSIVE, N.O.S.	1.2D	–	–	178 274	0	E0	P101	–	–	–
0468	ARTICLES, EXPLOSIVE, N.O.S.	1.2E	–	–	178 274	0	E0	P101	–	–	–
0469	ARTICLES, EXPLOSIVE, N.O.S.	1.2F	–	–	178 274	0	E0	P101	–	–	–
0470	ARTICLES, EXPLOSIVE, N.O.S.	1.3C	–	–	178 274	0	E0	P101	–	–	–
0471	ARTICLES, EXPLOSIVE, N.O.S.	1.4E	–	–	178 274	0	E0	P101	–	–	–
0472	ARTICLES, EXPLOSIVE, N.O.S.	1.4F	–	–	178 274	0	E0	P101	–	–	–
0473	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1A	–	–	178 274	0	E0	P101	–	–	–
0474	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1C	–	–	178 274	0	E0	P101	–	–	–
0475	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1D	–	–	178 274	0	E0	P101	–	–	–
0476	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1G	–	–	178 274	0	E0	P101	–	–	–
0477	SUBSTANCES, EXPLOSIVE, N.O.S.	1.3C	–	–	178 274	0	E0	P101	–	–	–
0478	SUBSTANCES, EXPLOSIVE, N.O.S.	1.3G	–	–	178 274	0	E0	P101	–	–	–
0479	SUBSTANCES, EXPLOSIVE, N.O.S.	1.4C	–	–	178 274	0	E0	P101	–	–	–
0480	SUBSTANCES, EXPLOSIVE, N.O.S.	1.4D	–	–	178 274	0	E0	P101	–	–	–
0481	SUBSTANCES, EXPLOSIVE, N.O.S.	1.4S	–	–	178 274 347	0	E0	P101	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-Y	Category 05 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 03 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 03 SW1	
–	–	–	F-B, S-Y	Category 02 SW1	
–	–	–	F-B, S-Y	Category 02 SW1	
–	–	–	F-B, S-Y	Category 01 SW1	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0487	SIGNALS, SMOKE	1.3G	–	–	–	0	E0	P135	–	–	–
0488	AMMUNITION, PRACTICE	1.3G	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0489	DINITROGLYCOURIL (DINGU)	1.1D	–	–	–	0	E0	P112 (b) or (c)	–	–	–
0490	NITROTRIAZOLONE (NTO)	1.1D	–	–	–	0	E0	P112 (b) or (c)	–	–	–
0491	CHARGES, PROPELLING	1.4C	–	–	–	0	E0	P143	PP76	–	–
0492	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.3G	–	–	–	0	E0	P135	–	–	–
0493	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.4G	–	–	–	0	E0	P135	–	–	–
0494	JET PERFORATING GUNS, CHARGED, oil well, without detonator	1.4D	–	–	–	0	E0	P101	–	–	–
0495	PROPELLANT, LIQUID	1.3C	–	–	224	0	E0	P115	PP53 PP54 PP57 PP58	–	–
0496	OCTONAL	1.1D	–	–	–	0	E0	P112 (b) or (c)	–	–	–
0497	PROPELLANT, LIQUID	1.1C	–	–	224	0	E0	P115	PP53 PP54 PP57 PP58	–	–
0498	PROPELLANT, SOLID	1.1C	–	–	–	0	E0	P114 (b)	–	–	–
0499	PROPELLANT, SOLID	1.3C	–	–	–	0	E0	P114 (b)	–	–	–
0500	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S	–	–	347	0	E0	P131	–	–	–
0501	PROPELLANT, SOLID	1.4C	–	–	–	0	E0	P114 (b)	–	–	–
0502	ROCKETS with inert head	1.2C	–	–	–	0	E0	P130 LP101	PP67 L1	–	–
0503	SAFETY DEVICES, PYROTECHNIC	1.4G	–	–	235 289	0	E0	P135	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 02 SW1	
–	–	–	F-B, S-X	Category 02 SW1 SW30	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-Y	Category 04 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-B, S-Y	Category 02 SW1	
–	–	–	F-B, S-X	Category 03 SW1	
–	–	–	F-B, S-X	Category 02 SW1	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
0511	DETONATORS, ELECTRONIC programmable for blasting	1.1B	–	–	399	0	E0	P131	–	–	–
0512	DETONATORS, ELECTRONIC programmable for blasting	1.4B	–	–	399	0	E0	P131	–	–	–
0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	–	–	347 399	0	E0	P131	–	–	–
1001	ACETYLENE, DISSOLVED	2.1	–	–	–	0	E0	P200	–	–	–
△ 1002	AIR, COMPRESSED	2.2	–	–	392 397	120 mL	E1	P200	–	–	–
1003	AIR, REFRIGERATED LIQUID	2.2	5.1	–	–	0	E0	P203	–	–	–
1005	AMMONIA, ANHYDROUS	2.3	8 P	–	23 379	0	E0	P200	–	–	–
1006	ARGON, COMPRESSED	2.2	–	–	378 392	120 mL	E1	P200	–	–	–
1008	BORON TRIFLUORIDE	2.3	8	–	373	0	E0	P200	–	–	–
1009	BROMOTRIFLUOROMETHANE (REFRIGERANT GAS R 13B1)	2.2	–	–	–	120 mL	E1	P200	–	–	–
1010	BUTADIENES, STABILIZED or BUTADIENES AND HYDROCARBON MIXTURE, STABILIZED, containing more than 40% butadienes	2.1	–	–	386	0	E0	P200	–	–	–
1011	BUTANE	2.1	–	–	392	0	E0	P200	–	–	–
△ 1012	BUTYLENE	2.1	–	–	398	0	E0	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 05 SW1	
–	–	–	F-B, S-X	Category 01 SW1	
–	–	–	F-D, S-U	Category D SW1 SW2	
–	–	–	F-C, S-V	Category A	
–	T75	TP5 TP22	F-C, S-W	Category D	
–	T50	–	F-C, S-U	Category D SW2	
–	–	–	F-C, S-V	Category A	
–	–	–	F-C, S-U	Category D SW2	
–	T50	–	F-C, S-V	Category A	
–	T50	–	F-D, S-U	Category B SW1 SW2	
–	T50	–	F-D, S-U	Category E SW2	
–	T50	–	F-D, S-U	Category E SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1021	1-CHLORO-1,2,2,2-TETRA-FLUOROETHANE (REFRIGERANT GAS R 124)	2.2	–	–	–	120 mL	E1	P200	–	–	–
1022	CHLOROTRIFLUOROMETHANE (REFRIGERANT GAS R 13)	2.2	–	–	–	120 mL	E1	P200	–	–	–
1023	COAL GAS, COMPRESSED	2.3	2.1	–	–	0	E0	P200	–	–	–
1026	CYANOGEN	2.3	2.1	–	–	0	E0	P200	–	–	–
1027	CYCLOPROPANE	2.1	–	–	–	0	E0	P200	–	–	–
1028	DICHLORODIFLUOROMETHANE (REFRIGERANT GAS R 12)	2.2	–	–	–	120 mL	E1	P200	–	–	–
1029	DICHLOROFLUOROMETHANE (REFRIGERANT GAS R 21)	2.2	–	–	–	120 mL	E1	P200	–	–	–
1030	1,1-DIFLUOROETHANE (REFRIGERANT GAS R 152a)	2.1	–	–	–	0	E0	P200	–	–	–
1032	DIMETHYLAMINE, ANHYDROUS	2.1	–	–	–	0	E0	P200	–	–	–
1033	DIMETHYL ETHER	2.1	–	–	–	0	E0	P200	–	–	–
1035	ETHANE	2.1	–	–	–	0	E0	P200	–	–	–
1036	ETHYLAMINE	2.1	–	–	912	0	E0	P200	–	–	–
1037	ETHYL CHLORIDE	2.1	–	–	–	0	E0	P200	–	–	–
1038	ETHYLENE, REFRIGERATED LIQUID	2.1	–	–	–	0	E0	P203	–	–	–
1039	ETHYL METHYL ETHER	2.1	–	–	–	0	E0	P200	–	–	–
1040	ETHYLENE OXIDE or ETHYLENE OXIDE WITH NITROGEN up to a total pressure of 1 MPa (10 bar) at 50°C	2.3	2.1	–	342	0	E0	P200	–	–	–
1041	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 9% but not more than 87%	2.1	–	–	–	0	E0	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	T50	–	F-C, S-V	Category A	–
–	–	–	F-C, S-V	Category A	–
–	–	–	F-D, S-U	Category D SW2	–
–	–	–	F-D, S-U	Category D SW2	–
–	T50	–	F-D, S-U	Category E SW2	–
–	T50	–	F-C, S-V	Category A	–
–	T50	–	F-C, S-V	Category A	–
–	T50	–	F-D, S-U	Category B SW2	–
–	T50	–	F-D, S-U	Category D SW2	–
–	T50	–	F-D, S-U	Category B SW2	–
–	–	–	F-D, S-U	Category E SW2	–
–	T50	–	F-D, S-U	Category D SW2	–
–	T50	–	F-D, S-U	Category B SW2	–
–	T75	TP5	F-D, S-U	Category D SW2	–
–	–	–	F-D, S-U	Category B SW2	–
–	T50	TP20 TP90	F-D, S-U	Category D SW2	–
–	T50	–	F-D, S-U	Category B SW2	–

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1048	HYDROGEN BROMIDE, ANHYDROUS	2.3	8	–	–	0	E0	P200	–	–	–
1049	HYDROGEN, COMPRESSED	2.1	–	–	392 974	0	E0	P200	–	–	–
1050	HYDROGEN CHLORIDE, ANHYDROUS	2.3	8	–	–	0	E0	P200	–	–	–
1051	HYDROGEN CYANIDE, STABILIZED containing less than 3% water	6.1	3 P	I	386	0	E0	P200	–	–	–
△ 1052	HYDROGEN FLUORIDE, ANHYDROUS	8	6.1	I	–	0	E0	P200	–	–	–
1053	HYDROGEN SULPHIDE	2.3	2.1	–	–	0	E0	P200	–	–	–
1055	ISOBUTYLENE	2.1	–	–	–	0	E0	P200	–	–	–
1056	KRYPTON, COMPRESSED	2.2	–	–	378 392	120 mL	E1	P200	–	–	–
1057	LIGHTERS or LIGHTER REFILLS containing flammable gas	2.1	–	–	201	0	E0	P002	PP84	–	–
1058	LIQUEFIED GASES non-flammable, charged with nitrogen, carbon dioxide or air	2.2	–	–	392	120 mL	E1	P200	–	–	–
1060	METHYLACETYLENE AND PROPADIENE MIXTURE, STABILIZED	2.1	–	–	386	0	E0	P200	–	–	–
1061	METHYLAMINE, ANHYDROUS	2.1	–	–	–	0	E0	P200	–	–	–
1062	METHYL BROMIDE with not more than 2.0% chloropicrin	2.3	–	–	23	0	E0	P200	–	–	–
1063	METHYL CHLORIDE (REFRIGERANT GAS R 40)	2.1	–	–	–	0	E0	P200	–	–	–
1064	METHYL MERCAPTAN	2.3	2.1	–	–	0	E0	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	(16b) 7.2
–	–	–	F-C, S-U	Category D SW2	–
–	–	–	F-D, S-U	Category E SW2	–
–	–	–	F-C, S-U	Category D SW2	–
–	–	–	F-E, S-D	Category D SW1 SW2	–
–	T10	TP2	F-C, S-U	Category D SW2	–
–	–	–	F-D, S-U	Category D SW2	–
–	T50	–	F-D, S-U	Category E SW2	–
–	–	–	F-C, S-V	Category A	–
–	–	–	F-D, S-U	Category B SW2	–
–	–	–	F-C, S-V	Category A	–
–	T50	–	F-D, S-U	Category B SW1 SW2	–
–	T50	–	F-D, S-U	Category B SW2	–
–	T50	–	F-C, S-U	Category D SW2	–
–	T50	–	F-D, S-U	Category D SW2	–
–	T50	–	F-D, S-U	Category D SW2	–

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1071	OIL GAS, COMPRESSED	2.3	2.1	–	–	0	E0	P200	–	–	–
1072	OXYGEN, COMPRESSED	2.2	5.1	–	355	0	E0	P200	–	–	–
1073	OXYGEN, REFRIGERATED LIQUID	2.2	5.1	–	–	0	E0	P203	–	–	–
1075	PETROLEUM GASES, LIQUEFIED	2.1	–	–	392	0	E0	P200	–	–	–
1076	PHOSGENE	2.3	8	–	–	0	E0	P200	–	–	–
1077	PROPYLENE	2.1	–	–	–	0	E0	P200	–	–	–
1078	REFRIGERANT GAS, N.O.S.	2.2	–	–	274	120 mL	E1	P200	–	–	–
1079	SULPHUR DIOXIDE	2.3	8	–	–	0	E0	P200	–	–	–
1080	SULPHUR HEXAFLUORIDE	2.2	–	–	392	120 mL	E1	P200	–	–	–
1081	TETRAFLUOROETHYLENE, STABILIZED	2.1	–	–	386	0	E0	P200	–	–	–
1082	TRIFLUOROCHLORO-ETHYLENE, STABILIZED (REFRIGERANT GAS R 1113)	2.3	2.1	–	386	0	E0	P200	–	–	–
1083	TRIMETHYLAMINE, ANHYDROUS	2.1	–	–	–	0	E0	P200	–	–	–
1085	VINYL BROMIDE, STABILIZED	2.1	–	–	386	0	E0	P200	–	–	–
1086	VINYL CHLORIDE, STABILIZED	2.1	–	–	386	0	E0	P200	–	–	–
1087	VINYL METHYL ETHER	2.1	–	–	386	0	E0	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-D, S-U	Category D SW2	
–	–	–	F-C, S-W	Category A	
–	T75	TP5 TP22	F-C, S-W	Category D	
–	T50	–	F-D, S-U	Category E SW2	
–	–	–	F-C, S-U	Category D SW2	
–	T50	–	F-D, S-U	Category E SW2	
–	T50	–	F-C, S-V	Category A	
–	T50	TP19	F-C, S-U	Category D SW2	
–	–	–	F-C, S-V	Category A	
–	–	–	F-D, S-U	Category E SW1 SW2	
–	T50	–	F-D, S-U	Category D SW1 SW2	
–	T50	–	F-D, S-U	Category B SW2	
–	T50	–	F-D, S-U	Category B SW1 SW2	
–	T50	–	F-D, S-U	Category B SW1 SW2	
–	T50	–	F-D, S-U	Category B	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1092	ACROLEIN, STABILIZED	6.1	3 P	I	354 386	0	E0	P601	–	–	–
1093	ACRYLONITRILE, STABILIZED	3	6.1	I	386	0	E0	P001	–	–	–
1098	ALLYL ALCOHOL	6.1	3 P	I	354	0	E0	P602	–	–	–
1099	ALLYL BROMIDE	3	6.1 P	I	–	0	E0	P001	–	–	–
1100	ALLYL CHLORIDE	3	6.1	I	–	0	E0	P001	–	–	–
1104	AMYL ACETATES	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1105	PENTANOLS	3	–	II	–	1 L	E2	P001	–	IBC02	–
1105	PENTANOLS	3	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
1106	AMYLAMINE	3	8	II	–	1 L	E2	P001	–	IBC02	–
1106	AMYLAMINE	3	8	III	223	5 L	E1	P001	–	IBC03	–
1107	AMYL CHLORIDE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1108	1-PENTENE (n-AMYLENE)	3	–	I	–	0	E3	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T22	TP2 TP7 TP13	F-E, S-D	Category D SW1 SW2	
–	T14	TP2 TP13	F-E, S-D	Category D SW1 SW2	
–	T20	TP2 TP13	F-E, S-D	Category D SW2	
–	T14	TP2 TP13	F-E, S-D	Category B SW2	
–	T14	TP2 TP13	F-E, S-D	Category E SW2	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1 TP29	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T7	TP1	F-E, S-C	Category B	
–	T4	TP1	F-E, S-C	Category A	
–	T4	TP1	F-E, S-D	Category B	
–	T11	TP2	F-E, S-D	Category E	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1112	AMYL NITRATE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1113	AMYL NITRITE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1114	BENZENE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1120	BUTANOLS	3	–	II	–	1 L	E2	P001	–	IBC02	–
1120	BUTANOLS	3	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
1123	BUTYL ACETATES	3	–	II	–	1 L	E2	P001	–	IBC02	–
1123	BUTYL ACETATES	3	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
1125	n-BUTYLAMINE	3	8	II	–	1 L	E2	P001	–	IBC02	–
1126	1-BROMOBUTANE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1127	CHLOROBUTANES	3	–	II	–	1 L	E2	P001	–	IBC02	–
1128	n-BUTYL FORMATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1129	BUTYRALDEHYDE	3	–	II	–	1 L	E2	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T2	TP1	F-E, S-D	Category A SW2	
–	T4	TP1	F-E, S-D	Category E SW2	
–	T4	TP1	F-E, S-D	Category B SW2	
–	T4	TP1 TP29	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T7	TP1	F-E, S-C	Category B SW2	
–	T4	TP1	F-E, S-D	Category B SW2	
–	T4	TP1	F-E, S-D	Category B	
–	T4	TP1	F-E, S-D	Category B	
–	T4	TP1	F-E, S-D	Category B	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1134	CHLORO BENZENE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1135	ETHYLENE CHLOROHYDRIN	6.1	3	I	354	0	E0	P602	–	–	–
1136	COAL TAR DISTILLATES, FLAMMABLE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1136	COAL TAR DISTILLATES, FLAMMABLE	3	–	III	223 955	5 L	E1	P001 LP01	–	IBC03	–
1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under-coating, drum or barrel lining)	3	–	I	–	500 mL	E3	P001	–	–	–
1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under-coating, drum or barrel lining)	3	–	II	–	5 L	E2	P001	–	IBC02	–
1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under-coating, drum or barrel lining)	3	–	III	955	5 L	E1	P001 LP01	–	IBC03	–
1143	CROTONALDEHYDE or CROTONALDEHYDE, STABILIZED	6.1	3 P	I	324 354 386	0	E0	P602	–	–	–
1144	CROTONYLENE	3	–	I	–	0	E3	P001	–	–	–
1145	CYCLOHEXANE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1146	CYCLOPENTANE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1147	DECAHYDRONAPHTHALENE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T2	TP1	F-E, S-D	Category A	
–	T20	TP2 TP13	F-E, S-D	Category D SW2	
–	T4	TP1	F-E, S-E	Category B	
–	T4	TP1 TP29	F-E, S-E	Category A	
–	T11	TP1 TP8 TP27	F-E, S-E	Category E	
–	T4	TP1 TP8	F-E, S-E	Category B	
–	T2	TP1	F-E, S-E	Category A	
–	T20	TP2 TP13	F-E, S-D	Category D SW1 SW2	
–	T11	TP2	F-E, S-D	Category E	
–	T4	TP1	F-E, S-D	Category E	
–	T7	TP1	F-E, S-D	Category E	
–	T2	TP1	F-E, S-D	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1153	ETHYLENE GLYCOL DIETHYL ETHER	3	–	II	–	1 L	E2	P001	–	IBC02	–
1153	ETHYLENE GLYCOL DIETHYL ETHER	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1154	DIETHYLAMINE	3	8	II	–	1 L	E2	P001	–	IBC02	–
1155	DIETHYL ETHER (ETHYL ETHER)	3	–	I	–	0	E3	P001	–	–	–
1156	DIETHYL KETONE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1157	DIISOBUTYL KETONE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1158	DIISOPROPYLAMINE	3	8	II	–	1 L	E2	P001	–	IBC02	–
1159	DIISOPROPYL ETHER	3	–	II	–	1 L	E2	P001	–	IBC02	–
1160	DIMETHYLAMINE, AQUEOUS SOLUTION	3	8	II	–	1 L	E2	P001	–	IBC02	–
1161	DIMETHYL CARBONATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1162	DIMETHYLDICHLOROSILANE	3	8	II	–	0	E0	P010	–	–	–
1163	DIMETHYLHYDRAZINE, UNSYMMETRICAL	6.1	3/8 P	I	354	0	E0	P602	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	T4	TP1	F-E, S-D	Category A	–
–	T2	TP1	F-E, S-D	Category A	–
–	T7	TP1	F-E, S-C	Category E SW2	–
–	T11	TP2	F-E, S-D	Category E SW2	–
–	T4	TP1	F-E, S-D	Category B	–
–	T2	TP1	F-E, S-D	Category A	–
–	T7	TP1	F-E, S-C	Category B	–
–	T4	TP1	F-E, S-D	Category E SW2	–
–	T7	TP1	F-E, S-C	Category B	–
–	T4	TP1	F-E, S-D	Category B	–
–	T10	TP2 TP7 TP13	F-E, S-C	Category B SW2	–
–	T20	TP2 TP13	F-E, S-C	Category D SW2	–

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1167	DIVINYL ETHER, STABILIZED	3	–	I	386	0	E3	P001	–	–	–
1170	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	3	–	II	144	1 L	E2	P001	–	IBC02	–
1170	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	3	–	III	144 223	5 L	E1	P001 LP01	–	IBC03	–
1171	ETHYLENE GLYCOL MONOETHYL ETHER	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1172	ETHYLENE GLYCOL MONOETHYL ETHER ACETATE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1173	ETHYL ACETATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1175	ETHYLBENZENE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1176	ETHYL BORATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1177	2-ETHYLBUTYL ACETATE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1178	2-ETHYLBUTYRALDEHYDE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1179	ETHYL BUTYL ETHER	3	–	II	–	1 L	E2	P001	–	IBC02	–
1180	ETHYL BUTYRATE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1181	ETHYL CHLOROACETATE	6.1	3	II	–	100 mL	E4	P001	–	IBC02	–
1182	ETHYL CHLOROFORMATE	6.1	3/8	I	354	0	E0	P602	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T11	TP2	F-E, S-D	Category E SW1 SW2	
–	T4	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category B	
–	T4	TP1	F-E, S-D	Category B	
–	T4	TP1	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T7	TP2	F-E, S-D	Category A	
–	T20	TP2 TP13	F-E, S-C	Category D SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1188	ETHYLENE GLYCOL MONOMETHYL ETHER	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1189	ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1190	ETHYL FORMATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1191	OCTYL ALDEHYDES	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1192	ETHYL LACTATE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1193	ETHYL METHYL KETONE (METHYL ETHYL KETONE)	3	–	II	–	1 L	E2	P001	–	IBC02	–
1194	ETHYL NITRITE SOLUTION	3	6.1	I	900	0	E0	P001	–	–	–
1195	ETHYL PROPIONATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1196	ETHYLTRICHLOROSILANE	3	8	II	–	0	E0	P010	–	–	–
△ 1197	EXTRACTS, LIQUID, for flavour or aroma	3	–	II	–	5 L	E2	P001	–	IBC02	–
△ 1197	EXTRACTS, LIQUID, for flavour or aroma	3	–	III	223 955	5 L	E1	P001 LP01	–	IBC03	–
1198	FORMALDEHYDE SOLUTION, FLAMMABLE	3	8	III	–	5 L	E0	P001	–	IBC03	–
1199	FURALDEHYDES	6.1	3	II	–	100 mL	E4	P001	–	IBC02	–
1201	FUSEL OIL	3	–	II	–	1 L	E2	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T2	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category E	
–	T2	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category B	
–	–	–	F-E, S-D	Category D SW2	
–	T4	TP1	F-E, S-D	Category B	
–	T10	TP2 TP7 TP13	F-E, S-C	Category B SW2	
–	T4	TP1 TP8	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-C	Category A SW2	
–	T7	TP2	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category B	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1207	HEXALDEHYDE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1208	HEXANES	3	– P	II	–	1 L	E2	P001	–	IBC02	–
1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable	3	–	I	163 367	500 mL	E3	P001	–	–	–
1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable	3	–	II	163 367	5 L	E2	P001	PP1	IBC02	–
1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable	3	–	III	163 223 367 955	5 L	E1	P001 LP01	PP1	IBC03	–
1212	ISOBUTANOL (ISOBUTYL ALCOHOL)	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1213	ISOBUTYL ACETATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1214	ISOBUTYLAMINE	3	8	II	–	1 L	E2	P001	–	IBC02	–
1216	ISOOCTENES	3	–	II	–	1 L	E2	P001	–	IBC02	–
1218	ISOPRENE, STABILIZED	3	– P	I	386	0	E3	P001	–	–	–
1219	ISOPROPANOL (ISOPROPYL ALCOHOL)	3	–	II	–	1 L	E2	P001	–	IBC02	–
1220	ISOPROPYL ACETATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1221	ISOPROPYLAMINE	3	8	I	–	0	E0	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP2	F-E, <u>S-D</u>	Category E	
–	T11	TP1 TP8	F-E, S-D	Category E	
–	T4	TP1 TP8	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category B	
–	T7	TP1	F-E, S-C	Category B SW2	
–	T4	TP1	F-E, S-D	Category B	
–	T11	TP2	F-E, <u>S-D</u>	Category D SW1	
–	T4	TP1	F-E, S-D	Category B	
–	T4	TP1	F-E, S-D	Category B	
–	T11	TP2	F-E, S-C	Category E SW2	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1228	MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	3	6.1	III	223 274	5 L	E1	P001	–	IBC03	–
1229	MESITYL OXIDE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1230	METHANOL	3	6.1	II	279	1 L	E2	P001	–	IBC02	–
1231	METHYL ACETATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1233	METHYLAMYL ACETATE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1234	METHYLAL	3	–	II	–	1 L	E2	P001	–	IBC02	B8
1235	METHYLAMINE, AQUEOUS SOLUTION	3	8	II	–	1 L	E2	P001	–	IBC02	–
1237	METHYL BUTYRATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1238	METHYL CHLOROFORMATE	6.1	3/8	I	354	0	E0	P602	–	–	–
1239	METHYL CHLOROMETHYL ETHER	6.1	3	I	354	0	E0	P602	–	–	–
1242	METHYLDICHLOROSILANE	4.3	3/8	I	–	0	E0	P401	PP31	–	–
1243	METHYL FORMATE	3	–	I	–	0	E3	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T7	TP1 TP28	F-E, S-D	Category B SW2	
–	T2	TP1	F-E, S-D	Category A	
–	T7	TP2	F-E, S-D	Category B SW2	
–	T4	TP1	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T7	TP2	F-E, S-D	Category E	
–	T7	TP1	F-E, S-C	Category E	
–	T4	TP1	F-E, S-D	Category B	
–	T22	TP2 TP13	F-E, S-C	Category D SW2	
–	T22	TP2 TP13	F-E, S-D	Category D SW2	
–	T14	TP2 TP7 TP13	F-G, S-O	Category D SW2 H1	
–	T11	TP2	F-E, S-D	Category E	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1249	METHYL PROPYL KETONE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1250	METHYLTRICHLOROSILANE	3	8	II	–	0	E0	P010	–	–	–
1251	METHYL VINYL KETONE, STABILIZED	6.1	3/8	I	354 386	0	E0	P601	–	–	–
1259	NICKEL CARBONYL	6.1	3 P	I	–	0	E0	P601	–	–	–
1261	NITROMETHANE	3	–	II	26	1 L	E0	P001	–	–	–
1262	OCTANES	3	– P	II	–	1 L	E2	P001	–	IBC02	–
1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)	3	–	I	163 367	500 mL	E3	P001	–	–	–
1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)	3	–	II	163 367	5 L	E2	P001	PP1	IBC02	–
1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL	3	–	III	163 223 367 955	5 L	E1	P001 LP01	PP1	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1	F-E, S-D	Category B	
–	T10	TP2 TP7 TP13	F-E, S-C	Category B SW2	
–	T22	TP2 TP13	F-E, S-C	Category D SW1 SW2	
–	–	–	F-E, S-D	Category D SW2	
–	–	–	F-E, S-D	Category A	
–	T4	TP2	F-E, S-E	Category B	
–	T11	TP1 TP8 TP27	F-E, S-E	Category E	
–	T4	TP1 TP8 TP28	F-E, S-E	Category B	
–	T2	TP1 TP29	F-E, S-E	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

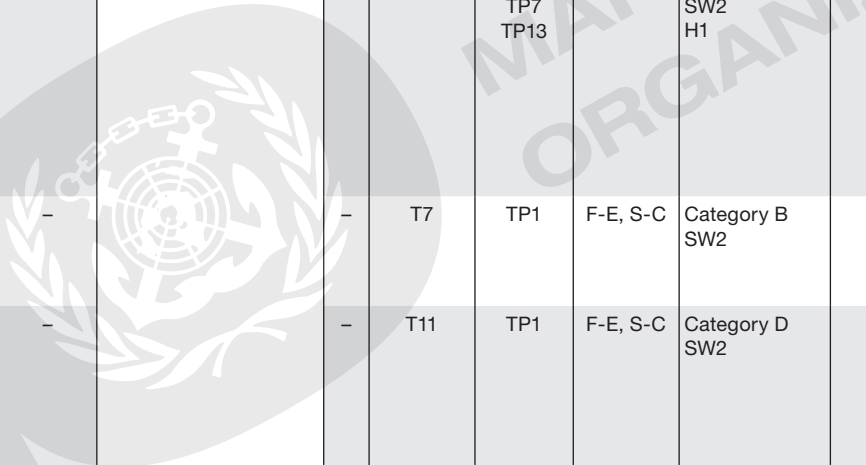
UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1267	PETROLEUM CRUDE OIL	3	–	I	357	500 mL	E3	P001	–	–	–
1267	PETROLEUM CRUDE OIL	3	–	II	357	1 L	E2	P001	–	IBC02	–
1267	PETROLEUM CRUDE OIL	3	–	III	223 357	5 L	E1	P001 LP01	–	IBC03	–
1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	–	I	–	500 mL	E3	P001	–	–	–
1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	–	II	–	1 L	E2	P001	–	IBC02	–
1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	–	III	223 955	5 L	E1	P001 LP01	–	IBC03	–
1272	PINE OIL	3	– P	III	–	5 L	E1	P001 LP01	–	IBC03	–
1274	n-PROPANOL (PROPYL ALCOHOL, NORMAL)	3	–	II	–	1 L	E2	P001	–	IBC02	–
1274	n-PROPANOL (PROPYL ALCOHOL, NORMAL)	3	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
1275	PROPIONALDEHYDE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1276	n-PROPYL ACETATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1277	PROPYLAMINE	3	8	II	–	1 L	E2	P001	–	IBC02	–
1278	1-CHLOROPROPANE	3	–	II	–	1 L	E0	P001	–	IBC02	B8
1279	1,2-DICHLOROPROPANE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1280	PROPYLENE OXIDE	3	–	I	–	0	E3	P001	–	–	–
1281	PROPYL FORMATES	3	–	II	–	1 L	E2	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	T11	TP1 TP8	F-E, S-E	Category E	–
–	T4	TP1 TP8	F-E, S-E	Category B	–
–	T2	TP1	F-E, S-E	Category A	–
–	T11	TP1 TP8	F-E, S-E	Category E	–
–	T7	TP1 TP8 TP28	F-E, S-E	Category B	–
–	T4	TP1 TP29	F-E, S-E	Category A	–
–	T2	TP2	F-E, S-E	Category A	–
–	T4	TP1	F-E, S-D	Category B	–
–	T2	TP1	F-E, S-D	Category A	–
–	T7	TP1	F-E, S-D	Category E	–
–	T4	TP1	F-E, S-D	Category B	–
–	T7	TP1	F-E, S-C	Category E SW2	–
–	T7	TP2	F-E, S-D	Category E	–
–	T4	TP1	F-E, S-D	Category B	–
–	T11	TP2 TP7	F-E, S-D	Category E SW2	–
–	T4	TP1	F-E, S-D	Category B	–

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1288	SHALE OIL	3	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
1289	SODIUM METHYLATE SOLUTION in alcohol	3	8	II	–	1 L	E2	P001	–	IBC02	–
1289	SODIUM METHYLATE SOLUTION in alcohol	3	8	III	223	5 L	E1	P001	–	IBC03	–
1292	TETRAETHYL SILICATE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1293	TINCTURES, MEDICINAL	3	–	II	–	1 L	E2	P001	–	IBC02	–
1293	TINCTURES, MEDICINAL	3	–	III	904 955	5 L	E1	P001 LP01	–	IBC03	–
1294	TOLUENE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1295	TRICHLOROSILANE	4.3	3/8	I	–	0	E0	P401	PP31	–	–
1296	TRIETHYLAMINE	3	8	II	–	1 L	E2	P001	–	IBC02	–
1297	TRIMETHYLAMINE, AQUEOUS SOLUTION, not more than 50% trimethylamine, by mass	3	8	I	–	0	E0	P001	–	–	–
1297	TRIMETHYLAMINE, AQUEOUS SOLUTION, not more than 50% trimethylamine, by mass	3	8	II	–	1 L	E2	P001	–	IBC02	–
1297	TRIMETHYLAMINE, AQUEOUS SOLUTION, not more than 50% trimethylamine, by mass	3	8	III	223	5 L	E1	P001	–	IBC03	–
1298	TRIMETHYLCHLOROSILANE	3	8	II	–	0	E0	P010	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T2	TP1	F-E, S-E	Category A	
–	T7	TP1 TP8	F-E, S-C	Category B	
–	T4	TP1	F-E, S-C	Category A	
–	T2	TP1	F-E, S-D	Category A.	
–	T4	TP1 TP8	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category B	
–	T14	TP2 TP7 TP13	F-G, S-O	Category D SW2 H1	
–	T7	TP1	F-E, S-C	Category B SW2	
–	T11	TP1	F-E, S-C	Category D SW2	
–	T7	TP1	F-E, S-C	Category B SW2	
–	T7	TP1	F-E, S-C	Category A SW2	
–	T10	TP2 TP7 TP13	F-E, S-C	Category E SW2	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1303	VINYLDENE CHLORIDE, STABILIZED	3	– P	I	386	0	E3	P001	–	–	–
1304	VINYL ISOBUTYL ETHER, STABILIZED	3	–	II	386	1 L	E2	P001	–	IBC02	–
1305	VINYLTRICHLOROSILANE	3	8	II	–	0	E0	P010	–	–	–
1306	WOOD PRESERVATIVES, LIQUID	3	–	II	–	5 L	E2	P001	–	IBC02	–
1306	WOOD PRESERVATIVES, LIQUID	3	–	III	223 955	5 L	E1	P001 LP01	–	IBC03	–
1307	XYLENES	3	–	II	–	1 L	E2	P001	–	IBC02	–
1307	XYLENES	3	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
1308	ZIRCONIUM, SUSPENDED IN A FLAMMABLE LIQUID	3	–	I	–	0	E0	P001	PP33	–	–
1308	ZIRCONIUM, SUSPENDED IN A FLAMMABLE LIQUID	3	–	II	–	1 L	E2	P001	PP33	–	–
1308	ZIRCONIUM, SUSPENDED IN A FLAMMABLE LIQUID	3	–	III	223	5 L	E1	P001	–	–	–
1309	ALUMINIUM POWDER, COATED	4.1	–	II	–	1 kg	E2	P002	PP38 PP100	IBC08	B4 B21
1309	ALUMINIUM POWDER, COATED	4.1	–	III	223	5 kg	E1	P002 LP02	PP11 PP38 PP100 L3	IBC08	B4
1310	AMMONIUM PICRATE, WETTED	4.1	–	I	28	0	E0	P406	PP26	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T12	TP2 TP7	F-E, S-D	Category D SW1 SW2	
–	T4	TP1	F-E, S-D	Category C SW1	
–	T10	TP2 TP7 TP13	F-E, S-C	Category B SW2	
–	T4	TP1 TP8	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	–	–	F-E, S-D	Category D	
–	–	–	F-E, S-D	Category B	
–	–	–	F-E, S-D	Category B	
–	T3	TP33	F-G, S-G	Category A H1	
–	T1	TP33	F-G, S-G	Category A H1	
–	–	–	F-B, S-J	Category D	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1320	DINITROPHENOL, WETTED with not less than 15% water, by mass	4.1	6.1 P	I	28	0	E0	P406	PP26 PP31	–	–
1321	DINITROPHENOLATES, WETTED with not less than 15% water, by mass	4.1	6.1 P	I	28	0	E0	P406	PP26 PP31	–	–
1322	DINITRORESORCINOL, WETTED with not less than 15% water, by mass	4.1	–	I	28	0	E0	P406	PP26 PP31	–	–
1323	FERROCERIUM	4.1	–	II	249	1 kg	E2	P002	PP100	IBC08	B4 B21
1324	FILMS, NITROCELLULOSE BASE, gelatin coated, except scrap	4.1	–	III	–	5 kg	E1	P002	PP15	–	–
1325	FLAMMABLE SOLID, ORGANIC, N.O.S.	4.1	–	II	274	1 kg	E2	P002	–	IBC08	B4 B21
1325	FLAMMABLE SOLID, ORGANIC, N.O.S.	4.1	–	III	223 274	5 kg	E1	P002	–	IBC08	B3
1326	HAFNIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns	4.1	–	II	916	1 kg	E2	P410	PP31 PP40	IBC06	B21
1327	HAY, STRAW or BHUSA	4.1	–	–	29 281 954 973	3 kg	E0	P003	PP19	IBC08	B6
1328	HEXAMETHYLENETETRAMINE	4.1	–	III	–	5 kg	E1	P002	–	IBC08	B3
1330	MANGANESE RESINATE	4.1	–	III	–	5 kg	E1	P002	–	IBC06	–
1331	MATCHES, “STRIKE ANYWHERE”	4.1	–	III	293	5 kg	E0	P407	PP27	–	–
1332	METALDEHYDE	4.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1333	CERIUM, slabs, ingots or rods	4.1	–	II	–	1 kg	E2	P002	PP100	IBC08	B4 B21
1334	NAPHTHALENE, CRUDE or NAPHTHALENE, REFINED	4.1	–	III	948 967	5 kg	E1	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	–	–	F-B, S-J	Category E	
–	–	–	F-B, S-J	Category E	
–	–	–	F-B, S-J	Category E	
–	T3	TP33	F-G, S-G	Category A H1	
–	–	–	F-A, S-I	Category D	
–	T3	TP33	F-A, S-G	Category B	
–	T1	TP33	F-A, S-G	Category B	
–	T3	TP33	F-A, S-J	Category E	
–	–	–	F-A, S-I	Category A SW10	
–	T1	TP33	F-A, S-G	Category A	
–	T1	TP33	F-A, S-I	Category A	
–	–	–	F-A, S-I	Category B	
–	T1	TP33	F-A, S-G	Category A	
–	–	–	F-G, S-P	Category A H1	
–	T1 BKG	TP33	F-A, S-G	Category A SW03	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1339	PHOSPHORUS HEPTASULPHIDE, free from yellow or white phosphorus	4.1	–	II	–	1 kg	E2	P410	PP31	IBC04	–
1340	PHOSPHORUS PENTASULPHIDE, free from yellow or white phosphorus	4.3	4.1	II	–	500 g	E2	P410	PP31 PP40	IBC04	–
1341	PHOSPHORUS SESQUISULPHIDE, free from yellow or white phosphorus	4.1	–	II	–	1 kg	E2	P410	PP31	IBC04	–
1343	PHOSPHORUS TRISULPHIDE, free from yellow or white phosphorus	4.1	–	II	–	1 kg	E2	P410	PP31	IBC04	–
1344	TRINITROPHENOL (PICRIC ACID), WETTED with not less than 30% water, by mass	4.1	–	I	28	0	E0	P406	PP26 PP31	–	–
1345	RUBBER SCRAP or RUBBER SHODDY, powdered or granulated, not exceeding 840 microns and rubber content exceeding 45%	4.1	–	II	223 917	1 kg	E2	P002	–	IBC08	B4 B21
1346	SILICON POWDER, AMORPHOUS	4.1	–	III	32	5 kg	E1	P002 LP02	–	IBC08	B3
1347	SILVER PICRATE, WETTED with not less than 30% water, by mass	4.1	–	I	28 900	0	E0	P406	PP25 PP26 PP31	–	–
1348	SODIUM DINITRO- <i>o</i> -CRESOLATE, WETTED with not less than 15% water, by mass	4.1	6.1 P	I	28	0	E0	P406	PP26 PP31	–	–
1349	SODIUM PICRAMATE, WETTED with not less than 20% water, by mass	4.1	–	I	28	0	E0	P406	PP26 PP31	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-G, S-G	Category B H1	
–	T3	TP33	F-G, S-N	Category D H1	
–	T3	TP33	F-A, S-G	Category B	
–	T3	TP33	F-G, S-G	Category B H1	
–	–	–	F-B, S-J	Category E	
–	T3	TP33	F-A, S-I	Category A	
–	T1	TP33	F-A, S-G	Category A	
–	–	–	F-B, S-J	Category D	
–	–	–	F-B, S-J	Category E	
–	–	–	F-B, S-J	Category E	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1353	FIBRES or FABRICS IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.	4.1	–	III	–	5 kg	E1	P410	–	IBC08	B3
1354	TRINITROBENZENE, WETTED with not less than 30% water, by mass	4.1	–	I	28	0	E0	P406	PP31	–	–
1355	TRINITROBENZOIC ACID, WETTED with not less than 30% water, by mass	4.1	–	I	28	0	E0	P406	PP31	–	–
1356	TRINITROTOLUENE (TNT), WETTED with not less than 30% water, by mass	4.1	–	I	28	0	E0	P406	PP31	–	–
1357	UREA NITRATE, WETTED with not less than 20% water, by mass	4.1	–	I	28 227	0	E0	P406	PP31	–	–
1358	ZIRCONIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns	4.1	–	II	916	1 kg	E2	P410	PP31 PP40	IBC06	B21
1360	CALCIUM PHOSPHIDE	4.3	6.1	I	–	0	E0	P403	PP31	–	–
1361	CARBON, animal or vegetable origin	4.2	–	II	925	0	E0	P002	PP12	IBC06	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-A, S-I	Category D	
–	–	–	F-B, S-J	Category E	
–	–	–	F-B, S-J	Category E	
–	–	–	F-B, S-J	Category E	
–	–	–	F-B, S-J	Category E	
–	T3	TP33	F-G, S-J	Category E H1	
–	–	–	F-G, S-N	Category E SW2 SW5 H1	
–	T3	TP33	F-A, S-J	Category A SW1 H2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1365	COTTON, WET	4.2	–	III	29 973	0	E0	P003	PP19	IBC08	B3 B6
1369	p-NITROSODIMETHYLANILINE	4.2	–	II	927	0	E2	P410	–	IBC06	B21
1372	FIBRES, ANIMAL or FIBRES, VEGETABLE burnt, wet or damp	4.2	–	III	123	0	E1	P410	–	–	–
1373	FIBRES or FABRICS, ANIMAL or VEGETABLE or SYNTHETIC, N.O.S. with oil	4.2	–	III	–	0	E0	P410	PP31	IBC08	B3
1374	FISH MEAL, UNSTABILIZED or FISH SCRAP, UNSTABILIZED High hazard. Unrestricted moisture content. Unrestricted fat content in excess of 12%, by mass; unrestricted fat content in excess of 15%, by mass, in the case of anti-oxidant treated fish meal or fish scrap	4.2	–	II	300 928	0	E2	P410	PP31 PP40	IBC08	B4 B21
1374	FISH MEAL, UNSTABILIZED or FISH SCRAP, UNSTABILIZED Not anti-oxidant treated. Moisture content: more than 5% but not more than 12%, by mass. Fat content: not more than 12%, by mass	4.2	–	III	29 300 907 928	0	E1	P410	PP31	IBC08	B3 B21
1376	IRON OXIDE, SPENT or IRON SPONGE, SPENT obtained from coal gas purification	4.2	–	III	223	0	E0	P002 LP02	PP100 L3	IBC08	B4
1378	METAL CATALYST, WETTED with a visible excess of liquid	4.2	–	II	274	0	E0	P410	PP31 PP39 PP40	IBC01	–
1379	PAPER, UNSATURATED OIL TREATED, incompletely dried (including carbon paper)	4.2	–	III	–	0	E0	P410	PP31	IBC08	B3
1380	PENTABORANE	4.2	6.1	I	–	0	E0	P601	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-A, S-J	Category A	
–	T3	TP33	F-A, S-J	Category D	
–	–	–	F-A, S-J	Category A	
–	T1	TP33	F-A, S-J	Category A	
–	T3	TP33	F-A, S-J	Category B SW1 SW24	
–	T1	TP33	F-A, S-J	Category A SW1 SW24	
–	T1 BK2	TP33	F-G, S-P	Category E H1	
–	T3	TP33	F-H, S-M	Category C	
–	–	–	F-A, S-J	Category A	
–	–	–	F-G, S-L	Category D H1	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1386	SEED CAKE, containing vegetable oil (a) mechanically expelled seeds, containing more than 10% oil or more than 20% oil and moisture combined	4.2	–	III	29 929 973	0	E0	P003 LP02	PP20	IBC08	B3 B6
1386	SEED CAKE, containing vegetable oil (b) solvent extractions and expelled seeds, containing not more than 10% of oil and when the amount of moisture is higher than 10%, not more than 20% of oil and moisture combined	4.2	–	III	29 929 973	0	E0	P003 LP02	PP20	IBC08	B3 B6
1387	WOOL WASTE, WET	4.2	–	III	123	0	E1	P410	–	–	–
1389	ALKALI METAL AMALGAM, LIQUID	4.3	–	I	182	0	E0	P402	PP31	–	–
1390	ALKALI METAL AMIDES	4.3	–	II	182	500 g	E2	P410	PP31 PP40	IBC07	B4 B21
1391	ALKALI METAL DISPERSION or ALKALINE EARTH METAL DISPERSION	4.3	–	I	182 183	0	E0	P402	PP31	–	–
1392	ALKALINE EARTH METAL AMALGAM, LIQUID	4.3	–	I	183	0	E0	P402	PP31	–	–
1393	ALKALINE EARTH METAL ALLOY, N.O.S.	4.3	–	II	183	500 g	E2	P410	PP31 PP40	IBC07	B4 B21

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	BK2	–	F-A, S-J	Category E SW1 SW25 H1	
–	BK2	–	F-A, S-J	Category A SW1 SW25 H1	
–	–	–	F-A, S-J	Category A	
–	–	–	F-G, S-N	Category D H1	
–	T3	TP33	F-G, S-O	Category E SW2 H1	
–	–	–	F-G, S-N	Category D H1	
–	–	–	F-G, S-N	Category D H1	
–	T3	TP33	F-G, S-N	Category E H1	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1397	ALUMINIUM PHOSPHIDE	4.3	6.1	I	–	0	E0	P403	PP31	–	–
1398	ALUMINIUM SILICON POWDER, UNCOATED	4.3	–	III	37 223 932	1 kg	E1	P410	PP31	IBC08	B4
1400	BARIUM	4.3	–	II	–	500 g	E2	P410	PP31 PP40	IBC07	B4 B21
1401	CALCIUM	4.3	–	II	–	500 g	E2	P410	PP31 PP40	IBC07	B4 B21
1402	CALCIUM CARBIDE	4.3	–	I	–	0	E0	P403	PP31	IBC04	B1
1402	CALCIUM CARBIDE	4.3	–	II	–	500 g	E2	P410	PP31 PP40	IBC07	B4 B21
1403	CALCIUM CYANAMIDE with more than 0.1% calcium carbide	4.3	–	III	38 934	1 kg	E1	P410	PP31	IBC08	B4
1404	CALCIUM HYDRIDE	4.3	–	I	–	0	E0	P403	PP31	–	–
1405	CALCIUM SILICIDE	4.3	–	II	932	500 g	E2	P410	PP31 PP40	IBC07	B4 B21
1405	CALCIUM SILICIDE	4.3	–	III	223 932	1 kg	E1	P410	PP31	IBC08	B4
1407	CAESIUM	4.3	–	I	–	0	E0	P403	PP31	IBC04	B1
1408	FERROSILICON with 30% or more but less than 90% silicon	4.3	6.1	III	39 223 932	1 kg	E1	P003	PP20 PP100	IBC08	B4 B6

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-G, S-N	Category E SW2 SW5 H1	
–	T1 BK2	TP33	F-G, S-N	Category A SW2 SW5 H1	
–	T3	TP33	F-G, S-O	Category E H1	
–	T3	TP33	F-G, S-O	Category E H1	
–	–	–	F-G, S-N	Category B H1	
–	T3	TP33	F-G, S-N	Category B H1	
–	T1	TP33	F-G, S-N	Category A H1	
–	–	–	F-G, S-O	Category E H1	
–	T3	TP33	F-G, S-N	Category B SW5 H1	
–	T1	TP33	F-G, S-N	Category B SW5 H1	
–	–	–	F-G, S-N	Category D H1	
–	T1 BK2	TP33	F-G, S-N	Category A SW2 SW5 H1	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1414	LITHIUM HYDRIDE	4.3	–	I	–	0	E0	P403	PP31	–	–
1415	LITHIUM	4.3	–	I	–	0	E0	P403	PP31	IBC04	B1
1417	LITHIUM SILICON	4.3	–	II	–	500 g	E2	P410	PP31 PP40	IBC07	B4 B21
1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER	4.3	4.2	I	–	0	E0	P403	PP31	–	–
1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER	4.3	4.2	II	–	0	E2	P410	PP31 PP40	IBC05	B21
1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER	4.3	4.2	III	223	0	E1	P410	PP31	IBC08	B4
1419	MAGNESIUM ALUMINIUM PHOSPHIDE	4.3	6.1	I	–	0	E0	P403	PP31	–	–
1420	POTASSIUM METAL ALLOYS, LIQUID	4.3	–	I	–	0	E0	P402	PP31	–	–
1421	ALKALI METAL ALLOY, LIQUID, N.O.S.	4.3	–	I	182	0	E0	P402	PP31	–	–
1422	POTASSIUM SODIUM ALLOYS, LIQUID	4.3	–	I	–	0	E0	P402	PP31	–	–
1423	RUBIDIUM	4.3	–	I	–	0	E0	P403	PP31	IBC04	B1

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F–G, S–N	Category E H1	
–	T9	TP7 TP33	F–G, S–N	Category E H1	
–	T3	TP33	F–G, S–N	Category A SW5 H1	
–	–	–	F–G, S–O	Category A H1	
–	T3	TP33	F–G, S–O	Category A H1	
–	T1	TP33	F–G, S–O	Category A H1	
–	–	–	F–G, S–N	Category E SW2 SW5 H1	
–	–	–	F–G, S–L	Category D H1	
–	–	–	F–G, S–L	Category D H1	
–	T9	TP3 TP7 TP31	F–G, S–L	Category D H1	
–	–	–	F–G, S–N	Category D	

Part 3 – Dangerous Goods List, special provisions and exceptions

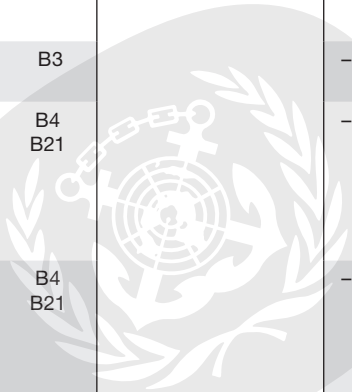
UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1432	SODIUM PHOSPHIDE	4.3	6.1	I	–	0	E0	P403	PP31	–	–
1433	STANNIC PHOSPHIDE	4.3	6.1	I	–	0	E0	P403	PP31	–	–
1435	ZINC ASHES	4.3	–	III	223 935	1 kg	E1	P002	PP100	IBC08	B4
1436	ZINC POWDER or ZINC DUST	4.3	4.2	I	–	0	E0	P403	PP31	–	–
1436	ZINC POWDER or ZINC DUST	4.3	4.2	II	–	0	E2	P410	PP31 PP40	IBC07	B21
1436	ZINC POWDER or ZINC DUST	4.3	4.2	III	223	0	E1	P410	PP31	IBC08	B4
1437	ZIRCONIUM HYDRIDE	4.1	–	II	–	1 kg	E2	P410	PP31 PP40	IBC04	–
1438	ALUMINIUM NITRATE	5.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
△ 1439	AMMONIUM DICHROMATE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1442	AMMONIUM PERCHLORATE	5.1	–	II	152	1 kg	E2	P002	–	IBC06	B21
1444	AMMONIUM PERSULPHATE	5.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1445	BARIUM CHLORATE, SOLID	5.1	6.1	II	–	1 kg	E2	P002	–	IBC06	B21

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F–G, S–N	Category E SW2 SW5 H1	
–	–	–	F–G, S–N	Category E SW2 SW5 H1	
–	T1 BK2	TP33	F–G, S–O	Category A H1	
–	–	–	F–G, S–O	Category A H1	
–	T3	TP33	F–G, S–O	Category A H1	
–	T1	TP33	F–G, S–O	Category A H1	
–	T3	TP33	F–A, S–G	Category E	
–	T1 BK2	TP33	F–A, S–Q	Category A	
–	T3	TP33	F–H, S–Q	Category A	
–	T3	TP33	F–H, S–Q	Category E	
–	T1	TP33	F–A, S–Q	Category A	
–	T3	TP33	F–H, S–Q	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1448	BARIUM PERMANGANATE	5.1	6.1	II	–	1 kg	E2	P002	–	IBC06	B21
1449	BARIUM PEROXIDE	5.1	6.1	II	–	1 kg	E2	P002	PP100	IBC06	B21
1450	BROMATES, INORGANIC, N.O.S.	5.1	–	II	274 350	1 kg	E2	P002	–	IBC08	B4 B21
1451	CAESIUM NITRATE	5.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1452	CALCIUM CHLORATE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1453	CALCIUM CHLORITE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1454	CALCIUM NITRATE	5.1	–	III	208 967	5 kg	E1	P002 LP02	–	IBC08	B3
1455	CALCIUM PERCHLORATE	5.1	–	II	–	1 kg	E2	P002	–	IBC06	B21
1456	CALCIUM PERMANGANATE	5.1	–	II	–	1 kg	E2	P002	–	IBC06	B21

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-H, S-Q	Category D	
–	T3	TP33	F-G, S-Q	Category C H1	
–	T3	TP33	F-H, S-Q	Category A	
–	T1	TP33	F-A, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category A	
–	T1 BK2 BK3	TP33	F-A, S-Q	Category A SW23	
–	T3	TP33	F-H, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category D	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1459	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE, SOLID	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1459	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE, SOLID	5.1	–	III	223	5 kg	E1	P002 LP02	–	IBC08	B3
1461	CHLORATES, INORGANIC, N.O.S.	5.1	–	II	274 351	1 kg	E2	P002	–	IBC06	B21
1462	CHLORITES, INORGANIC, N.O.S.	5.1	–	II	274 352	1 kg	E2	P002	–	IBC06	B21
1463	CHROMIUM TRIOXIDE, ANHYDROUS	5.1	6.1/8	II	–	1 kg	E2	P002	PP31	IBC08	B4 B21
1465	DIDYMIUM NITRATE	5.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1466	FERRIC NITRATE	5.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1467	GUANIDINE NITRATE	5.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1469	LEAD NITRATE	5.1	6.1 P	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1470	LEAD PERCHLORATE, SOLID	5.1	6.1 P	II	–	1 kg	E2	P002	–	IBC06	B21

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-H, S-Q	Category A	
–	T1	TP33	F-H, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category A	
–	T3	TP33	F-A, S-Q	Category A	
–	T1	TP33	F-A, S-Q	Category A	
–	T1	TP33	F-A, S-Q	Category A	
–	T1	TP33	F-A, S-Q	Category A	
–	T3	TP33	F-A, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1472	LITHIUM PEROXIDE	5.1	–	II	–	1 kg	E2	P002	PP100	IBC06	B21
1473	MAGNESIUM BROMATE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1474	MAGNESIUM NITRATE	5.1	–	III	332 967	5 kg	E1	P002 LP02	–	IBC08	B3
1475	MAGNESIUM PERCHLORATE	5.1	–	II	–	1 kg	E2	P002	–	IBC06	B21
1476	MAGNESIUM PEROXIDE	5.1	–	II	–	1 kg	E2	P002	PP100	IBC06	B21
1477	NITRATES, INORGANIC, N.O.S.	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1477	NITRATES, INORGANIC, N.O.S.	5.1	–	III	223	5 kg	E1	P002 LP02	–	IBC08	B3
1479	OXIDIZING SOLID, N.O.S.	5.1	–	I	274 900	0	E0	P503	–	IBC05	B1
1479	OXIDIZING SOLID, N.O.S.	5.1	–	II	274 900	1 kg	E2	P002	–	IBC08	B4 B21
1479	OXIDIZING SOLID, N.O.S.	5.1	–	III	223 274 900	5 kg	E1	P002 LP02	–	IBC08	B3
1481	PERCHLORATES, INORGANIC, N.O.S.	5.1	–	II	–	1 kg	E2	P002	–	IBC06	B21

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-G, S-Q	Category C H1	
–	T3	TP33	F-H, S-Q	Category A	
–	T1 BK2 BK3	TP33	F-A, S-Q	Category A SW23	
–	T3	TP33	F-H, S-Q	Category A	
–	T3	TP33	F-G, S-Q	Category C H1	
–	T3	TP33	F-A, S-Q	Category A	
–	T1	TP33	F-A, S-Q	Category A	
–	–	–	F-A, S-Q	Category D	
–	T3	TP33	F-A, S-Q	Category B	
–	T1	TP33	F-A, S-Q	Category B	
–	T3	TP33	F-H, S-Q	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1483	PEROXIDES, INORGANIC, N.O.S.	5.1	–	II	–	1 kg	E2	P002	PP100	IBC06	B21
1483	PEROXIDES, INORGANIC, N.O.S.	5.1	–	III	223	5 kg	E1	P002 LP02	PP100 L3	IBC08	B4
1484	POTASSIUM BROMATE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1485	POTASSIUM CHLORATE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1486	POTASSIUM NITRATE	5.1	–	III	964 967	5 kg	E1	P002 LP02	–	IBC08	B3
1487	POTASSIUM NITRATE AND SODIUM NITRITE MIXTURE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1488	POTASSIUM NITRITE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1489	POTASSIUM PERCHLORATE	5.1	–	II	–	1 kg	E2	P002	–	IBC06	B21
1490	POTASSIUM PERMANGANATE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-G, S-Q	Category C H1	
–	T1	TP33	F-G, S-Q	Category C H1	
–	T3	TP33	F-H, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category A	
–	T1 BK2 BK3	TP33	F-A, S-Q	Category A SW23	
–	T3	TP33	F-A, S-Q	Category A	
–	T3	TP33	F-A, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category D	

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Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1494	SODIUM BROMATE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1495	SODIUM CHLORATE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1496	SODIUM CHLORITE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1498	SODIUM NITRATE	5.1	–	III	964 967	5 kg	E1	P002 LP02	–	IBC08	B3
1499	SODIUM NITRATE AND POTASSIUM NITRATE MIXTURE	5.1	–	III	964 967	5 kg	E1	P002 LP02	–	IBC08	B3
1500	SODIUM NITRITE	5.1	6.1	III	–	5 kg	E1	P002	–	IBC08	B3
1502	SODIUM PERCHLORATE	5.1	–	II	–	1 kg	E2	P002	–	IBC06	B21
1503	SODIUM PERMANGANATE	5.1	–	II	–	1 kg	E2	P002	–	IBC06	B21
1504	SODIUM PEROXIDE	5.1	–	I	–	0	E0	P503	–	IBC05	B1

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-H, S-Q	Category A	
–	T3 BK2	TP33	F-H, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category A	
–	T1 BK2 BK3	TP33	F-A, S-Q	Category A SW23	
–	T1 BK2 BK3	TP33	F-A, S-Q	Category A SW23	
–	T1	TP33	F-A, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category D	
–	–	–	F-G, S-Q	Category C	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1508	STRONTIUM PERCHLORATE	5.1	–	II	–	1 kg	E2	P002	–	IBC06	B21
1509	STRONTIUM PEROXIDE	5.1	–	II	–	1 kg	E2	P002	PP100	IBC06	B21
1510	TETRANITROMETHANE	6.1	5.1	I	354	0	E0	P602	–	–	–
1511	UREA HYDROGEN PEROXIDE	5.1	8	III	–	5 kg	E1	P002	–	IBC08	B3
1512	ZINC AMMONIUM NITRITE	5.1	–	–	900	–	–	–	–	–	–
1513	ZINC CHLORATE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1514	ZINC NITRATE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1515	ZINC PERMANGANATE	5.1	–	II	–	1 kg	E2	P002	–	IBC06	B21
1516	ZINC PEROXIDE	5.1	–	II	–	1 kg	E2	P002	PP100	IBC06	B21
1517	ZIRCONIUM PICRAMATE, WETTED with not less than 20% water, by mass	4.1	–	I	28	0	E0	P406	PP26 PP31	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-H, S-Q	Category A	
–	T3	TP33	F-G, S-Q	Category C H1	
–	–	–	F-H, S-Q	Category D SW2	
–	T1	TP33	F-A, S-Q	Category A H1	
–	–	–	–	–	
–	T3	TP33	F-H, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category D	
–	T3	TP33	F-G, S-Q	Category C H1	
–	–	–	F-B, S-J	Category D	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1545	ALLYL ISOTHIOCYANATE, STABILIZED	6.1	3	II	386	100 mL	E0	P001	–	IBC02	–
1546	AMMONIUM ARSENATE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1547	ANILINE	6.1	– P	II	279	100 mL	E4	P001	–	IBC02	–
1548	ANILINE HYDROCHLORIDE	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1549	ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S.	6.1	–	III	45 274	5 kg	E1	P002 LP02	–	IBC08	B3
1550	ANTIMONY LACTATE	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1551	ANTIMONY POTASSIUM TARTRATE	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1553	ARSENIC ACID, LIQUID	6.1	–	I	–	0	E5	P001	PP31	–	–
1554	ARSENIC ACID, SOLID	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1555	ARSENIC BROMIDE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1556	ARSENIC COMPOUND, LIQUID, N.O.S. inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s., and Arsenic sulphides, n.o.s.	6.1	–	I	43 274	0	E5	P001	–	–	–
1556	ARSENIC COMPOUND, LIQUID, N.O.S. inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s., and Arsenic sulphides, n.o.s.	6.1	–	II	43 274	100 mL	E4	P001	–	IBC02	–
1556	ARSENIC COMPOUND, LIQUID, N.O.S. inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s., and Arsenic sulphides, n.o.s.	6.1	–	III	43 223 274	5 L	E1	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T7	TP2	F-E, S-D	Category D SW1 SW2	
–	T3	TP33	F-A, S-A	Category A	
–	T7	TP2	F-A, <u>S-A</u>	Category A SW2	
–	T1	TP33	F-A, S-A	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	T20	TP2 TP7 TP13	F-A, S-A	Category B	
–	T3	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A SW1 SW2 H2	
–	T14	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T11	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T7	TP2 TP28	F-A, S-A	Category B SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1558	ARSENIC	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1559	ARSENIC PENTOXIDE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1560	ARSENIC TRICHLORIDE	6.1	–	I	–	0	E0	P602	–	–	–
1561	ARSENIC TRIOXIDE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1562	ARSENICAL DUST	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1564	BARIUM COMPOUND, N.O.S.	6.1	–	II	177 274	500 g	E4	P002	–	IBC08	B4 B21
1564	BARIUM COMPOUND, N.O.S.	6.1	–	III	177 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
1565	BARIUM CYANIDE	6.1	– P	I	–	0	E5	P002	PP31	IBC07	B1
1566	BERYLLIUM COMPOUND, N.O.S.	6.1	–	II	274	500 g	E4	P002	–	IBC08	B4 B21
1566	BERYLLIUM COMPOUND, N.O.S.	6.1	–	III	223 274	5 kg	E1	P002 LP02	–	IBC08	B3
1567	BERYLLIUM POWDER	6.1	4.1	II	–	500 g	E4	P002	PP100	IBC08	B4 B21
1569	BROMOACETONE	6.1	3 P	II	–	0	E0	P602	–	–	–
1570	BRUCINE	6.1	–	I	43	0	E5	P002	–	IBC07	B1
1571	BARIUM AZIDE, WETTED with not less than 50% water, by mass	4.1	6.1	I	28	0	E0	P406	PP31	–	–
1572	CACODYLIC ACID	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1573	CALCIUM ARSENATE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T14	TP2 TP13	F-A, S-A	Category B SW2	
–	T3	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	T6	TP33	F-A, S-A SW2	Category A SW2	
–	T3	TP33	F-A, S-A	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	T3	TP33	F-G, S-G H1	Category A H1	
–	T20	TP2 TP13	F-E, S-D	Category D SW2	
–	T6	TP33	F-A, S-A	Category A	
–	–	–	F-B, S-J	Category D	
–	T3	TP33	F-A, S-A	Category E	
–	T3	TP33	F-A, S-A	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1580	CHLOROPICRIN	6.1	– P	I	354	0	E0	P601	–	–	–
1581	CHLOROPICRIN AND METHYL BROMIDE MIXTURE with more than 2% chloropicrin	2.3	–	–	–	0	E0	P200	–	–	–
1582	CHLOROPICRIN AND METHYL CHLORIDE MIXTURE	2.3	–	–	–	0	E0	P200	–	–	–
1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1	–	I	43 274 315	0	E0	P602	–	–	–
1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1	–	II	43 274	100 mL	E0	P001	–	IBC02	–
1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1	–	III	43 223 274	5 L	E0	P001 LP01	–	IBC03	–
1585	COPPER ACETOARSENITE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1586	COPPER ARSENITE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1587	COPPER CYANIDE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1588	CYANIDES, INORGANIC, SOLID, N.O.S.	6.1	– P	I	47 274	0	E5	P002	–	IBC07	B1
1588	CYANIDES, INORGANIC, SOLID, N.O.S.	6.1	– P	II	47 274	500 g	E4	P002	–	IBC08	B4 B21
1588	CYANIDES, INORGANIC, SOLID, N.O.S.	6.1	– P	III	47 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
1589	CYANOGEN CHLORIDE, STABILIZED	2.3	8 P	–	386	0	E0	P200	–	–	–
1590	DICHLOROANILINES, LIQUID	6.1	–	II	279	100 mL	E4	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T22	TP2 TP13	F-A, <u>S-A</u>	Category D SW2	
–	T50	–	F-C, S-U	Category D SW1 SW2	
–	T50	–	F-C, S-U	Category D SW1 SW2	
–	–	–	F-A, S-A	Category C SW2	
–	–	–	F-A, S-A	Category C SW2	
–	–	–	F-A, S-A	Category C SW2	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T6	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T1	TP33	F-A, <u>S-A</u>	Category A	
–	–	–	F-C, S-U	Category D SW1 SW2	
–	T7	TP2	F-A, S-A	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1596	DINITROANILINES	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1597	DINITROBENZENES, LIQUID	6.1	–	II	–	100 mL	E4	P001	–	IBC03	–
1597	DINITROBENZENES, LIQUID	6.1	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
1598	DINITRO- <i>o</i> -CRESOL	6.1	– P	II	43	500 g	E4	P002	–	IBC08	B4 B21
1599	DINITROPHENOL SOLUTION	6.1	– P	II	–	100 mL	E4	P001	–	IBC02	–
1599	DINITROPHENOL SOLUTION	6.1	– P	III	223	5 L	E1	P001 LP01	–	IBC03	–
1600	DINITROTOLUENES, MOLTEN	6.1	– P	II	–	0	E0	–	–	–	–
1601	DISINFECTANT, SOLID, TOXIC, N.O.S.	6.1	–	I	274	0	E5	P002	–	IBC07	B1
1601	DISINFECTANT, SOLID, TOXIC, N.O.S.	6.1	–	II	274	500 g	E4	P002	–	IBC08	B4 B21
1601	DISINFECTANT, SOLID, TOXIC, N.O.S.	6.1	–	III	223 274	5 kg	E1	P002 LP02	–	IBC08	B3
1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.	6.1	–	I	274	0	E5	P001	–	–	–
1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.	6.1	–	II	274	100 mL	E4	P001	–	IBC02	–
1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.	6.1	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
1603	ETHYL BROMOACETATE	6.1	3	II	–	100 mL	E0	P001	–	IBC02	–
1604	ETHYLENEDIAMINE	8	3	II	–	1 L	E2	P001	–	IBC02	–
1605	ETHYLENE DIBROMIDE	6.1	–	I	354	0	E0	P602	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T7	TP2	F-A, <u>S-A</u>	Category A	
–	T4	TP1	F-A, <u>S-A</u>	Category A	
–	T7	TP3	F-A, <u>S-A</u>	Category C	
–	T6	TP33	F-A, S-A	Category A SW2	
–	T3	TP33	F-A, S-A	Category A SW2	
–	T1	TP33	F-A, S-A	Category A SW2	
–	–	–	F-A, S-A	Category A	
–	–	–	F-A, S-A	Category A	
–	–	–	F-A, S-A	Category A	
–	T7	TP2	F-E, S-D	Category D SW2	
–	T7	TP2	F-E, S-C	Category A SW2	
–	T20	TP2 TP13	F-A, S-A	Category D SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1613	HYDROCYANIC ACID, AQUEOUS SOLUTION (HYDROGEN CYANIDE, AQUEOUS SOLUTION) with not more than 20% hydrogen cyanide	6.1	– P	I	900	0	E0	P601	–	–	–
1614	HYDROGEN CYANIDE, STABILIZED, containing less than 3% water and absorbed in a porous inert material	6.1	– P	I	386	0	E0	P099	–	–	–
1616	LEAD ACETATE	6.1	– P	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1617	LEAD ARSENATES	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1618	LEAD ARSENITES	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1620	LEAD CYANIDE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1621	LONDON PURPLE	6.1	– P	II	43	500 g	E4	P002	–	IBC08	B4 B21
1622	MAGNESIUM ARSENATE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1623	MERCURIC ARSENATE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1624	MERCURIC CHLORIDE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1625	MERCURIC NITRATE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1626	MERCURIC POTASSIUM CYANIDE	6.1	– P	I	–	0	E5	P002	PP31	IBC07	B1
1627	MERCUROUS NITRATE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1629	MERCURY ACETATE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1630	MERCURY AMMONIUM CHLORIDE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T14	TP2 TP13	F-A, <u>S-A</u>	Category D SW2	
–	–	–	F-A, <u>S-U</u>	Category D SW1 SW2	
–	T1	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T6	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1640	MERCURY OLEATE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1641	MERCURY OXIDE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1642	MERCURY OXYCYANIDE, DESENSITIZED	6.1	– P	II	900	500 g	E4	P002	–	IBC08	B4 B21
1643	MERCURY POTASSIUM IODIDE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1644	MERCURY SALICYLATE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1645	MERCURY SULPHATE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1646	MERCURY THIOCYANATE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1647	METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURE, LIQUID	6.1	– P	I	354	0	E0	P602	–	–	–
1648	ACETONITRILE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1649	MOTOR FUEL ANTI-KNOCK MIXTURE	6.1	– P	I	–	0	E0	P602	–	–	–
1650	beta-NAPHTHYLAMINE, SOLID	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1651	NAPHTHYLTHIOUREA	6.1	–	II	43	500 g	E4	P002	–	IBC08	B4 B21
1652	NAPHTHYLUREA	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1653	NICKEL CYANIDE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1654	NICOTINE	6.1	–	II	–	100 ml	E4	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T20	TP2 TP13	F-A, <u>S-A</u>	Category D SW2	
–	T7	TP2	F-E, S-D	Category B SW2	
–	T14	TP2 TP13	F-A, <u>S-A</u>	Category D SW1 SW2	
–	T3	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1657	NICOTINE SALICYLATE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1658	NICOTINE SULPHATE SOLUTION	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
1658	NICOTINE SULPHATE SOLUTION	6.1	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
1659	NICOTINE TARTRATE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1660	NITRIC OXIDE, COMPRESSED	2.3	5.1/8	–	–	0	E0	P200	–	–	–
1661	NITROANILINES (o-, m-, p-)	6.1	–	II	279	500 g	E4	P002	–	IBC08	B4 B21
1662	NITROBENZENE	6.1	–	II	279	100 mL	E4	P001	–	IBC02	–
1663	NITROPHENOLS (o-, m-, p-)	6.1	–	III	279	5 kg	E1	P002 LP02	–	IBC08	B3
1664	NITROTOLUENES, LIQUID	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
1665	NITROXYLENES, LIQUID	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
1669	PENTACHLOROETHANE	6.1	– P	II	–	100 mL	E4	P001	–	IBC02	–
1670	PERCHLOROMETHYL MERCAPTAN	6.1	– P	I	354	0	E0	P602	–	–	–
1671	PHENOL, SOLID	6.1	–	II	279	500 g	E4	P002	–	IBC08	B4 B21
1672	PHENYL CARBYLAMINE CHLORIDE	6.1	–	I	–	0	E0	P602	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	–	–	F-C, S-W	Category D SW2	
–	T3	TP33	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category A SW2	
–	T1	TP33	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category A SW2	
–	T20	TP2 TP13	F-A, S-A	Category D SW2	
–	T3	TP33	F-A, S-A	Category A	
–	T14	TP2 TP13	F-A, S-A	Category D SW2	
–	T1	TP33	F-A, S-A	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1683	SILVER ARSENITE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1684	SILVER CYANIDE	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
1685	SODIUM ARSENATE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1686	SODIUM ARSENITE, AQUEOUS SOLUTION	6.1	–	II	43	100 mL	E4	P001	–	IBC02	–
1686	SODIUM ARSENITE, AQUEOUS SOLUTION	6.1	–	III	43 223	5 L	E1	P001 LP01	–	IBC03	–
1687	SODIUM AZIDE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1688	SODIUM CACODYLATE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1689	SODIUM CYANIDE, SOLID	6.1	– P	I	–	0	E5	P002	PP31	IBC07	B1
1690	SODIUM FLUORIDE, SOLID	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1691	STRONTIUM ARSENITE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1692	STRYCHNINE or STRYCHNINE SALTS	6.1	– P	I	43	0	E5	P002	–	IBC07	B1
1693	TEAR GAS SUBSTANCE, LIQUID, N.O.S.	6.1	–	I	274	0	E0	P001	PP31	–	–
1693	TEAR GAS SUBSTANCE, LIQUID, N.O.S.	6.1	–	II	274	0	E0	P001	PP31	IBC02	–
1694	BROMOBENZYL CYANIDES, LIQUID	6.1	–	I	138	0	E0	P001	PP31	–	–
1695	CHLOROACETONE, STABILIZED	6.1	3/8 P	I	354	0	E0	P602	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A SW2	
–	T3	TP33	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category A	
–	T4	TP2	F-A, S-A	Category A	
–	–	–	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T6	TP33	F-A, <u>S-A</u>	Category B	
–	T1	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T6	TP33	F-A, <u>S-A</u>	Category A	
–	–	–	F-A, S-A	Category D SW2	
–	–	–	F-A, S-A	Category D SW2	
–	T14	TP2 TP13	F-A, S-A	Category D SW1 SW2 H2	
–	T20	TP2 TP13	F-E, <u>S-C</u>	Category D SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1701	XYLYL BROMIDE, LIQUID	6.1	–	II	–	0	E0	P001	PP31	IBC02	–
1702	1,1,2,2-TETRACHLOROETHANE	6.1	– P	II	–	100 mL	E4	P001	–	IBC02	–
1704	TETRAETHYL DITHIOPYROPHOSPHATE	6.1	– P	II	43	100 mL	E4	P001	–	IBC02	–
1707	THALLIUM COMPOUND, N.O.S.	6.1	– P	II	43 274	500 g	E4	P002	–	IBC08	B4 B21
1708	TOLUIDINES, LIQUID	6.1	– P	II	279	100 mL	E4	P001	–	IBC02	–
1709	2,4-TOLUYLENEDIAMINE, SOLID	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1710	TRICHLOROETHYLENE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1711	XYLIDINES, LIQUID	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
1712	ZINC ARSENATE, ZINC ARSENITE or ZINC ARSENATE AND ZINC ARSENITE MIXTURE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1713	ZINC CYANIDE	6.1	– P	I	–	0	E5	P002	–	IBC07	B1
1714	ZINC PHOSPHIDE	4.3	6.1	I	–	0	E0	P403	PP31	–	–
1715	ACETIC ANHYDRIDE	8	3	II	–	1 L	E2	P001	–	IBC02	–
1716	ACETYL BROMIDE	8	–	II	–	1 L	E2	P001	–	IBC02	B20
1717	ACETYL CHLORIDE	3	8	II	–	1 L	E2	P001	–	IBC02	B20
1718	BUTYL ACID PHOSPHATE	8	–	III	–	5 L	E1	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T7	TP2 TP13	F-A, S-A	Category D SW2	
–	T7	TP2	F-A, <u>S-A</u>	Category A SW2	
–	T7	TP2	F-A, <u>S-A</u>	Category D SW2	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T7	TP2	F-A, <u>S-A</u>	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	T4	TP1	F-A, S-A	Category A SW2	
–	T7	TP2	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T6	TP33	F-A, <u>S-A</u>	Category A	
–	–	–	<u>F-G</u> , S-N	Category E SW2 SW5 H1	
–	T7	TP2	F-E, S-C	Category A SW2	
–	T8	TP2	F-A, S-B	Category C SW2	
–	T8	TP2	<u>F-E</u> , S-C	Category B SW2	
–	T4	TP1	F-A, S-B	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1723	ALLYL IODIDE	3	8	II	–	1 L	E2	P001	–	IBC02	–
1724	ALLYLTRICHLOROSILANE, STABILIZED	8	3	II	386	0	E0	P010	–	–	–
1725	ALUMINIUM BROMIDE, ANHYDROUS	8	–	II	937	1 kg	E2	P002	–	IBC08	B4 B21
1726	ALUMINIUM CHLORIDE, ANHYDROUS	8	–	II	937	1 kg	E2	P002	–	IBC08	B4 B21
1727	AMMONIUM HYDROGENDIFLUORIDE, SOLID	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1728	AMYLTRICHLOROSILANE	8	–	II	–	0	E0	P010	–	–	–
1729	ANISOYL CHLORIDE	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1730	ANTIMONY PENTACHLORIDE, LIQUID	8	–	II	–	1 L	E2	P001	–	IBC02	–
1731	ANTIMONY PENTACHLORIDE	8	–	II	–	1 L	E2	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T7	TP2 TP13	F-E, S-C	Category B SW2	
–	T10	TP2 TP7 TP13	F-E, S-C	Category C SW1 SW2	
–	T3	TP33	F-A, S-B	Category A SW2	
–	T3	TP33	F-A, S-B	Category A SW2	
–	T3	TP33	F-A, S-B	Category A SW1 SW2	
–	T10	TP2 TP7 TP13	F-A, S-B	Category C SW2	
–	T3	TP33	F-A, S-B	Category C SW2	
–	T7	TP2	F-A, S-B	Category C SW2	
–	T7	TP2	F-A, S-B	Category C	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1736	BENZOYL CHLORIDE	8	–	II	–	1 L	E2	P001	–	IBC02	B20
1737	BENZYL BROMIDE	6.1	8	II	–	0	E4	P001	–	IBC02	B20
1738	BENZYL CHLORIDE	6.1	8	II	–	0	E4	P001	–	IBC02	B20
1739	BENZYL CHLOROFORMATE	8	– P	I	–	0	E0	P001	–	–	–
1740	HYDROGEN DIFLUORIDES, SOLID, N.O.S.	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1740	HYDROGEN DIFLUORIDES, SOLID, N.O.S.	8	–	III	223	5 kg	E1	P002 LP02	–	IBC08	B3
1741	BORON TRICHLORIDE	2.3	8	–	–	0	E0	P200	–	–	–
1742	BORON TRIFLUORIDE ACETIC ACID COMPLEX, LIQUID	8	–	II	–	1 L	E2	P001	–	IBC02	B20
1743	BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, LIQUID	8	–	II	–	500 mL	E2	P001	–	IBC02	B20
1744	BROMINE or BROMINE SOLUTION	8	6.1	I	–	0	E0	P804	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T8	TP2 TP13	F-A, S-B	Category C SW2	
–	T8	TP2 TP13	F-A, S-B	Category D SW2 H1	
–	T8	TP2 TP13	F-A, S-B	Category D SW2 H1	
–	T10	TP2 TP13	F-A, S-B	Category D SW2	
–	T3	TP33	F-A, S-B	Category A SW1 SW2	
–	T1	TP33	F-A, S-B	Category A SW1 SW2	
–	–	–	F-C, S-U	Category D SW1 SW2	
–	T8	TP2	F-A, S-B	Category A	
–	T8	TP2	F-A, S-B	Category A	
–	T22	TP2 TP10 TP13	F-A, S-B	Category D SW1 SW2 H2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1746	BROMINE TRIFLUORIDE	5.1	6.1/8	I	–	0	E0	P200	–	–	–
1747	BUTYLTRICHLOROSILANE	8	3	II	–	0	E0	P010	–	–	–
1748	CALCIUM HYPOCHLORITE, DRY or CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	5.1	– P	II	314	1 kg	E2	P002	PP85	–	–
1748	CALCIUM HYPOCHLORITE, DRY or CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	5.1	– P	III	316	5 kg	E1	P002	PP85	–	–
1749	CHLORINE TRIFLUORIDE	2.3	5.1/8	–	–	0	E0	P200	–	–	–
1750	CHLOROACETIC ACID SOLUTION	6.1	8	II	–	100 mL	E4	P001	–	IBC02	–
1751	CHLOROACETIC ACID, SOLID	6.1	8	II	–	500 g	E4	P002	–	IBC08	B4 B21

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T22	TP2 TP13	F-A, S-B	Category D SW1 SW2	
–	T10	TP2 TP7 TP13	F-E, S-C	Category C SW2	
–	–	–	F-H, S-Q	Category D SW1 SW11	
–	–	–	F-H, S-Q	Category D SW1 SW11	
–	–	–	F-C, S-W	Category D SW2	
–	T7	TP2	F-A, S-B	Category C SW2	
–	T3	TP33	F-A, S-B	Category C SW2	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1755	CHROMIC ACID SOLUTION	8	–	II	–	1 L	E2	P001	–	IBC02	B20
1755	CHROMIC ACID SOLUTION	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
△ 1756	CHROMIC FLUORIDE, SOLID	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
△ 1757	CHROMIC FLUORIDE SOLUTION	8	–	II	–	1 L	E2	P001	–	IBC02	–
1757	CHROMIC FLUORIDE SOLUTION	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
1758	CHROMIUM OXYCHLORIDE	8	–	I	–	0	E0	P001	–	–	–
1759	CORROSIVE SOLID, N.O.S.	8	–	I	274	0	E0	P002	–	IBC07	B1
1759	CORROSIVE SOLID, N.O.S.	8	–	II	274	1 kg	E2	P002	–	IBC08	B4 B21
1759	CORROSIVE SOLID, N.O.S.	8	–	III	223 274	5 kg	E1	P002 LP02	–	IBC08	B3
1760	CORROSIVE LIQUID, N.O.S.	8	–	I	274	0	E0	P001	–	–	–
1760	CORROSIVE LIQUID, N.O.S.	8	–	II	274	1 L	E2	P001	–	IBC02	–
1760	CORROSIVE LIQUID, N.O.S.	8	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T8	TP2	F-A, S-B	Category C SW2	
–	T4	TP1	F-A, S-B	Category C SW2	
–	T3	TP33	F-A, S-B	Category A	
–	T7	TP2	F-A, S-B	Category A	
–	T4	TP1	F-A, S-B	Category A	
–	T10	TP2	F-A, S-B	Category C SW2	
–	T6	TP33	F-A, S-B	Category B	
–	T3	TP33	F-A, S-B	Category A	
–	T1	TP33	F-A, S-B	Category A	
–	T14	TP2 TP27	F-A, S-B	Category B SW2	
–	T11	TP2 TP27	F-A, S-B	Category B SW2	
–	T7	TP1 TP28	F-A, S-B	Category A SW2	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1764	DICHLOROACETIC ACID	8	–	II	–	1 L	E2	P001	–	IBC02	B20
1765	DICHLOROACETYL CHLORIDE	8	–	II	–	1 L	E2	P001	–	IBC02	–
1766	DICHLOROPHENYL-TRICHLOROSILANE	8	– P	II	–	0	E0	P010	–	–	–
1767	DIETHYLDICHLOROSILANE	8	3	II	–	0	E0	P010	–	–	–
1768	DIFLUOROPHOSPHORIC ACID, ANHYDROUS	8	–	II	–	1 L	E2	P001	–	IBC02	B20
1769	DIPHENYLDICHLOROSILANE	8	–	II	–	0	E0	P010	–	–	–
1770	DIPHENYLMETHYL BROMIDE	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1771	DODECYLTRICHLOROSILANE	8	–	II	–	0	E0	P010	–	–	–
1773	FERRIC CHLORIDE, ANHYDROUS	8	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1774	FIRE EXTINGUISHER CHARGES, corrosive liquid	8	–	II	–	1 L	E0	P001	PP4	–	–
1775	FLUOROBORIC ACID	8	–	II	–	1 L	E2	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T8	TP2	F-A, S-B	Category A	
–	T7	TP2	F-A, S-B	Category D SW2	
–	T10	TP2 TP7 TP13	F-A, S-B	Category C SW2	
–	T10	TP2 TP7 TP13	F-E, S-C	Category C SW2	
–	T8	TP2	F-A, S-B	Category A SW2	
–	T10	TP2 TP7 TP13	F-A, S-B	Category C SW2	
–	T3	TP33	F-A, S-B	Category D SW2	
–	T10	TP2 TP7 TP13	F-A, S-B	Category C SW2	
–	T1	TP33	F-A, S-B	Category A	
–	–	–	F-A, S-B	Category A	
–	T7	TP2	F-A, S-B	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1780	FUMARYL CHLORIDE	8	–	II	–	1 L	E2	P001	–	IBC02	–
1781	HEXADECYLTRICHLOROSILANE	8	–	II	–	0	E0	P010	–	–	–
1782	HEXAFLUOROPHOSPHORIC ACID	8	–	II	–	1 L	E2	P001	–	IBC02	B20
1783	HEXAMETHYLENEDIAMINE SOLUTION	8	–	II	–	1 L	E2	P001	–	IBC02	–
1783	HEXAMETHYLENEDIAMINE SOLUTION	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
1784	HEXYLTRICHLOROSILANE	8	–	II	–	0	E0	P010	–	–	–
△ 1786	HYDROFLUORIC ACID AND SULPHURIC ACID MIXTURE	8	6.1	I	–	0	E0	P001	–	–	–
△ 1787	HYDRIODIC ACID	8	–	II	–	1 L	E2	P001	–	IBC02	–
△ 1787	HYDRIODIC ACID	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
△ 1788	HYDROBROMIC ACID	8	–	II	–	1 L	E2	P001	–	IBC02	–
△ 1788	HYDROBROMIC ACID	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
△ 1789	HYDROCHLORIC ACID	8	–	II	–	1 L	E2	P001	–	IBC02	B20

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	T7	TP2	F-A, S-B	Category C SW2	–
–	T10	TP2 TP7 TP13	F-A, S-B	Category C SW2	–
–	T8	TP2	F-A, S-B	Category A	–
–	T7	TP2	F-A, S-B	Category A	–
–	T4	TP1	F-A, S-B	Category A	–
–	T10	TP2 TP7 TP13	F-A, S-B	Category C SW2	–
–	T10	TP2 TP13	F-A, S-B	Category D SW2	–
–	T7	TP2	F-A, S-B	Category C	–
–	T4	TP1	F-A, S-B	Category C	–
–	T7	TP2	F-A, S-B	Category C	–
–	T4	TP1	F-A, S-B	Category C	–
–	T8	TP2	F-A, S-B	Category C	–

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1791	HYPOCHLORITE SOLUTION	8	– P	III	223 274 900	5 L	E1	P001 LP01	–	IBC03	–
1792	IODINE MONOCHLORIDE, SOLID	8	–	II	–	1 kg	E0	P002	–	IBC08	B4 B21
1793	ISOPROPYL ACID PHOSPHATE	8	–	III	–	5 L	E1	P001 LP01	–	IBC02	–
1794	LEAD SULPHATE with more than 3% free acid	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
△ 1796	NITRATING ACID MIXTURE with more than 50% nitric acid	8	5.1	I	–	0	E0	P001	–	–	–
△ 1796	NITRATING ACID MIXTURE with not more than 50% nitric acid	8	–	II	–	1 L	E0	P001	–	IBC02	B20
△ 1798	NITROHYDROCHLORIC ACID	8	–	I	–	0	E0	P802	–	–	–
1799	NONYLTRICHLOROSILANE	8	–	II	–	0	E0	P010	–	–	–
1800	OCTADECYLTRICHLORO-SILANE	8	–	II	–	0	E0	P010	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	T4	TP2 TP24	F-A, S-B	Category B	
–	T7	TP2	F-A, S-B	Category D SW2	
–	T4	TP1	F-A, S-B	Category A	
–	T3	TP33	F-A, S-B	Category A	
–	T10	TP2 TP13	F-A, S-Q	Category D SW2	
–	T8	TP2 TP13	F-A, S-B	Category D SW2	
–	T10	TP2 TP13	F-A, S-B	Category D SW2	
–	T10	TP2 TP7 TP13	F-A, S-B	Category C SW2	
–	T10	TP2 TP7 TP13	F-A, S-B	Category C SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1804	PHENYLTRICHLOROSILANE	8	–	II	–	0	E0	P010	–	–	–
1805	PHOSPHORIC ACID, SOLUTION	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
1806	PHOSPHORUS PENTACHLORIDE	8	–	II	–	1 kg	E0	P002	–	IBC08	B4 B21
1807	PHOSPHORUS PENTOXIDE	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1808	PHOSPHORUS TRIBROMIDE	8	–	II	–	1 L	E0	P001	–	IBC02	–
1809	PHOSPHORUS TRICHLORIDE	6.1	8	I	354	0	E0	P602	–	–	–
1810	PHOSPHORUS OXYCHLORIDE	6.1	8	I	354	0	E0	P602	–	–	–
1811	POTASSIUM HYDROGEN DIFLUORIDE, SOLID	8	6.1	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1812	POTASSIUM FLUORIDE, SOLID	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1813	POTASSIUM HYDROXIDE, SOLID	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T10	TP2 TP7 TP13	F-A, S-B	Category C SW2	
–	T4	TP1	F-A, S-B	Category A	
–	T3	TP33	F-A, S-B	Category C SW2	
–	T3	TP33	F-A, S-B	Category A	
–	T7	TP2	F-A, S-B	Category C SW2	
–	T20	TP2 TP13	F-A, S-B	Category D SW2	
–	T20	TP2 TP13	F-A, S-B	Category D SW2	
–	T3	TP33	F-A, S-B	Category A SW1 SW2	
–	T1	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-B	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1816	PROPYLTRICHLOROSILANE	8	3	II	–	0	E0	P010	–	–	–
1817	PYROSULPHURYL CHLORIDE	8	–	II	–	1 L	E2	P001	–	IBC02	–
1818	SILICON TETRACHLORIDE	8	–	II	–	0	E0	P010	–	–	–
1819	SODIUM ALUMINATE SOLUTION	8	–	II	–	1 L	E2	P001	–	IBC02	–
1819	SODIUM ALUMINATE SOLUTION	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
1823	SODIUM HYDROXIDE, SOLID	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1824	SODIUM HYDROXIDE SOLUTION	8	–	II	–	1 L	E2	P001	–	IBC02	–
1824	SODIUM HYDROXIDE SOLUTION	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
1825	SODIUM MONOXIDE	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
△ 1826	NITRATING ACID MIXTURE, SPENT, with more than 50% nitric acid	8	5.1	I	113	0	E0	P001	–	–	–
△ 1826	NITRATING ACID MIXTURE, SPENT, with not more than 50% nitric acid	8	–	II	113	1 L	E0	P001	–	IBC02	B20

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T10	TP2 TP7 TP13	F-E, S-C	Category C SW2	
–	T8	TP2	F-A, S-B	Category C SW2	
–	T10	TP2 TP7 TP13	F-A, S-B	Category C SW2	
–	T7	TP2	F-A, S-B	Category A	
–	T4	TP1	F-A, S-B	Category A	
–	T3	TP33	F-A, S-B	Category A	
–	T7	TP2	F-A, S-B	Category A	
–	T4	TP1	F-A, S-B	Category A	
–	T3	TP33	F-A, S-B	Category A	
–	T10	TP2 TP13	F-A, S-Q	Category D SW2	
–	T8	TP2	F-A, S-B	Category D SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
△ 1831	SULPHURIC ACID, FUMING	8	6.1	I	–	0	E0	P602	–	–	–
△ 1832	SULPHURIC ACID, SPENT	8	–	II	113	1 L	E0	P001	–	IBC02	B20
1833	SULPHUROUS ACID	8	–	II	–	1 L	E2	P001	–	IBC02	–
1834	SULPHURYL CHLORIDE	6.1	8	I	354	0	E0	P602	–	–	–
1835	TETRAMETHYLAMMONIUM HYDROXIDE SOLUTION	8	–	II	–	1 L	E2	P001	–	IBC02	–
1835	TETRAMETHYLAMMONIUM HYDROXIDE SOLUTION	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
1836	THIONYL CHLORIDE	8	–	I	–	0	E0	P802	–	–	–
1837	THIOPHOSPHORYL CHLORIDE	8	–	II	–	1 L	E0	P001	–	IBC02	–
1838	TITANIUM TETRACHLORIDE	6.1	8	I	354	0	E0	P602	–	–	–
1839	TRICHLOROACETIC ACID, SOLID	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1840	ZINC CHLORIDE SOLUTION	8	–	III	223	5 L	E1	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T20	TP2 TP13	F-A, S-B	Category C SW2 SW15	
–	T8	TP2	F-A, S-B	Category C SW15	
–	T7	TP2	F-A, S-B	Category B SW2	
–	T20	TP2 TP13	F-A, S-B	Category D SW2	
–	T7	TP2	F-A, S-B	Category A	
–	T7	TP2	F-A, S-B	Category A	
–	T10	TP2 TP13	F-A, S-B	Category C SW2	
–	T7	TP2	F-A, S-B	Category C SW2	
–	T20	TP2 TP13	F-A, S-B	Category D SW2	
–	T3	TP33	F-A, S-B	Category A	
–	T4	TP2	F-A, S-B	Category A	

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Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1846	CARBON TETRACHLORIDE	6.1	– P	II	–	100 mL	E4	P001	–	IBC02	–
1847	POTASSIUM SULPHIDE, HYDRATED with not less than 30% water of crystallization	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1848	PROPIONIC ACID with not less than 10% and less than 90% acid, by mass	8	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1849	SODIUM SULPHIDE, HYDRATED with not less than 30% water	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
1851	MEDICINE, LIQUID, TOXIC, N.O.S.	6.1	–	II	221	100 mL	E4	P001	–	–	–
1851	MEDICINE, LIQUID, TOXIC, N.O.S.	6.1	–	III	221 223	5 L	E1	P001 LP01	–	–	–
1854	BARIUM ALLOYS, PYROPHORIC	4.2	–	I	–	0	E0	P404	PP31	–	–
1855	CALCIUM, PYROPHORIC or CALCIUM ALLOYS, PYROPHORIC	4.2	–	I	–	0	E0	P404	PP31	–	–
1856	RAGS, OILY	4.2	–	–	29 123 973	0	E0	P003	PP19	IBC08	B3 B6
1857	TEXTILE WASTE, WET	4.2	–	III	123	0	E1	P410	–	–	–
1858	HEXAFLUOROPROPYLENE (REFRIGERANT GAS R 1216)	2.2	–	–	–	120 mL	E1	P200	–	–	–
1859	SILICON TETRAFLUORIDE	2.3	8	–	–	0	E0	P200	–	–	–
1860	VINYL FLUORIDE, STABILIZED	2.1	–	–	386	0	E0	P200	–	–	–
1862	ETHYL CROTONATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
1863	FUEL, AVIATION, TURBINE ENGINE	3	–	I	–	500 mL	E3	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T7	TP2	F-A, S-A	Category A SW2	
–	T3	TP33	F-A, S-B	Category A	
–	T4	TP1	F-A, S-B	Category A	
–	T3	TP33	F-A, S-B	Category A	
–	–	–	F-A, S-A	Category C SW2	
–	–	–	F-A, S-A	Category C SW2	
–	T21	TP7 TP33	F-G, S-M	Category D H1	
–	–	–	F-G, S-M	Category D H1	
–	–	–	F-A, S-J	Category A	
–	–	–	F-A, S-J	Category A	
–	T50	–	F-C, S-V	Category A	
–	–	–	F-C, S-U	Category D SW2	
–	–	–	F-D, S-U	Category E SW1 SW2	
–	T4	TP2	F-E, S-D	Category B	
–	T11	TP1 TP2	F-E, S-E	Category E	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1866	RESIN SOLUTION, flammable	3	–	III	223 955	5 L	E1	P001 LP01	PP1	IBC03	–
1868	DECABORANE	4.1	6.1	II	–	1 kg	E0	P002	PP31	IBC06	B21
1869	MAGNESIUM or MAGNESIUM ALLOYS with more than 50% magnesium in pellets, turnings or ribbons	4.1	–	III	59 920	5 kg	E1	P002 LP02	PP100 L3	IBC08	B4
1870	POTASSIUM BOROHYDRIDE	4.3	–	I	–	0	E0	P403	PP31	–	–
1871	TITANIUM HYDRIDE	4.1	–	II	–	1 kg	E2	P410	PP31 PP40	IBC04	–
1872	LEAD DIOXIDE	5.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
△ 1873	PERCHLORIC ACID with more than 50% but not more than 72% acid, by mass	5.1	8	I	900	0	E0	P502	PP28	–	–
1884	BARIUM OXIDE	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1885	BENZIDINE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
1886	BENZYLIDENE CHLORIDE	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
1887	BROMOCHLOROMETHANE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1888	CHLOROFORM	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1889	CYANOGEN BROMIDE	6.1	8 P	I	–	0	E0	P002	PP31	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T2	TP1	F-E, <u>S-E</u>	Category A	
–	T3	TP33	F-A, S-G	Category A	
–	T1	TP33	F-G, S-G	Category A H1	
–	–	–	<u>F-G</u> , S-O	Category E H1	
–	T3	TP33	F-A, S-G	Category E	
–	T1	TP33	F-A, S-Q	Category A	
–	T10	TP1	F-A, S-Q	Category D	
–	T1	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category D SW2	
–	T4	TP1	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category A SW2	
–	T6	TP33	F-A, <u>S-B</u>	Category D SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1897	TETRACHLOROETHYLENE	6.1	– P	III	–	5 L	E1	P001 LP01	–	IBC03	–
1898	ACETYL IODIDE	8	–	II	–	1 L	E2	P001	–	IBC02	–
1902	DIISOCTYL ACID PHOSPHATE	8	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8	–	I	274	0	E0	P001	–	–	–
1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8	–	II	274	1 L	E2	P001	–	IBC02	–
1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
1905	SELENIC ACID	8	–	I	–	0	E0	P002	–	IBC07	B1
△ 1906	SLUDGE ACID	8	–	II	–	1 L	E0	P001	–	IBC02	–
1907	SODA LIME with more than 4% sodium hydroxide	8	–	III	62	5 kg	E1	P002 LP02	–	IBC08	B3
1908	CHLORITE SOLUTION	8	–	II	274 352	1 L	E2	P001	–	IBC02	–
1908	CHLORITE SOLUTION	8	–	III	223 274 352	5 L	E1	P001 LP01	–	IBC03	–
1910	CALCIUM OXIDE	8	–	–	960	–	–	–	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1	F-A, S-A	Category A SW2	
–	T7	TP2 TP13	F-A, S-B	Category C SW2	
–	T4	TP1	F-A, S-B	Category A	
–	–	–	F-A, S-B	Category B	
–	–	–	F-A, S-B	Category B	
–	–	–	F-A, S-B	Category A	
–	T6	TP33	F-A, S-B	Category A	
–	T8	TP2 TP28	F-A, S-B	Category C SW15	
–	T1	TP33	F-A, S-B	Category A	
–	T7	TP2 TP24	F-A, S-B	Category B	
–	T4	TP2 TP24	F-A, S-B	Category B	
–	–	–	–	–	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1916	2,2'-DICHLORODIETHYL ETHER	6.1	3	II	–	100 mL	E4	P001	–	IBC02	–
1917	ETHYL ACRYLATE, STABILIZED	3	–	II	386	1 L	E2	P001	–	IBC02	–
1918	ISOPROPYL BENZENE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1919	METHYL ACRYLATE, STABILIZED	3	–	II	386	1 L	E2	P001	–	IBC02	–
1920	NONANES	3	– P	III	–	5 L	E1	P001 LP01	–	IBC03	–
1921	PROPYLENEIMINE, STABILIZED	3	6.1	I	386	0	E0	P001	–	–	–
1922	PYRROLIDINE	3	8	II	–	1 L	E2	P001	–	IBC02	–
1923	CALCIUM DITHIONITE (CALCIUM HYDROSULPHITE)	4.2	–	II	–	0	E2	P410	PP31	IBC06	B21
1928	METHYLMAGNESIUM BROMIDE IN ETHYL ETHER	4.3	3	I	–	0	E0	P402	–	–	–
1929	POTASSIUM DITHIONITE (POTASSIUM HYDROSULPHITE)	4.2	–	II	–	0	E2	P410	PP31	IBC06	B21
1931	ZINC DITHIONITE (ZINC HYDROSULPHITE)	9	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
1932	ZIRCONIUM SCRAP	4.2	–	III	223	0	E0	P002 LP02	PP31 L4	IBC08	B4
1935	CYANIDE SOLUTION, N.O.S.	6.1	– P	I	274	0	E5	P001	–	–	–
1935	CYANIDE SOLUTION, N.O.S.	6.1	– P	II	274	100 mL	E4	P001	–	IBC02	–
1935	CYANIDE SOLUTION, N.O.S.	6.1	–	III	223	5 L	E1	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	(16b) 7.2
–	T7	TP2	F-E, S-D	Category A	–
–	T4	TP1 TP13	F-E, S-D	Category C SW1 SW2	–
–	T2	TP1	F-E, S-E	Category A	–
–	T4	TP1 TP13	F-E, S-D	Category C SW1	–
–	T2	TP2	F-E, S-E	Category A	–
–	T14	TP2 TP13	F-E, S-D	Category D SW1 SW2	–
–	T7	TP1	F-E, S-C	Category B SW2	–
–	T3	TP33	F-A, S-J	Category E H1	–
–	–	–	F-G, S-L	Category D H1	–
–	T3	TP33	F-A, S-J	Category E H1	–
–	T1	TP33	F-A, S-J	Category A H1	–
–	T1	TP33	F-G, S-L	Category D H1	–
–	T14	TP2 TP13 TP27	F-A, S-A	Category B SW2	–
–	T11	TP2 TP13 TP27	F-A, S-A	Category A SW2	–
–	T7	TP2	F-A, S-A	Category A	–

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1940	THIOGLYCOLIC ACID	8	–	II	–	1 L	E2	P001	–	IBC02	–
1941	DIBROMODIFLUOROMETHANE	9	–	III	–	5 L	E1	P001 LP01	–	–	–
1942	AMMONIUM NITRATE with not more than 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	–	III	900 952 967	5 kg	E1	P002 LP02	–	IBC08	B3
1944	MATCHES, SAFETY (book, card or strike on box)	4.1	–	III	293 294	5 kg	E1	P407	–	–	–
1945	MATCHES, WAX 'VESTA'	4.1	–	III	293 294	5 kg	E1	P407	–	–	–
1950	AEROSOLS	2	– See SP63	–	63 190 277 327 344 381 959	See SP277	E0	P207 LP200	PP87 L2	–	–
1951	ARGON, REFRIGERATED LIQUID	2.2	–	–	–	120 mL	E1	P203	–	–	–
1952	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with not more than 9% ethylene oxide	2.2	–	–	392	120 mL	E1	P200	–	–	–
1953	COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.	2.3	2.1	–	274	0	E0	P200	–	–	–
1954	COMPRESSED GAS, FLAMMABLE, N.O.S.	2.1	–	–	274 392	0	E0	P200	–	–	–
1955	COMPRESSED GAS, TOXIC, N.O.S.	2.3	–	–	274	0	E0	P200	–	–	–
1956	COMPRESSED GAS, N.O.S.	2.2	–	–	274 378 392	120 mL	E1	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	T7	TP2	F-A, S-B	Category A	–
–	T11	TP2	F-A, S-A	Category A SW1	–
–	T1 BK2 BK3	TP33	F-H, S-Q	Category C SW1 SW14 SW23	–
–	–	–	F-A, S-I	Category A	–
–	–	–	F-A, S-I	Category B	–
–	–	–	F-D, S-U	– SW1 SW22	–
–	T75	TP5	F-C, S-V	Category D	–
–	–	–	F-C, S-V	Category A	–
–	–	–	F-D, S-U	Category D SW2	–
–	–	–	F-D, S-U	Category D SW2	–
–	–	–	F-C, S-U	Category D SW2	–
–	–	–	F-C, S-V	Category A	–

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1964	HYDROCARBON GAS MIXTURE, COMPRESSED, N.O.S.	2.1	–	–	274	0	E0	P200	–	–	–
1965	HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S.	2.1	–	–	274 392	0	E0	P200	–	–	–
1966	HYDROGEN, REFRIGERATED LIQUID	2.1	–	–	–	0	E0	P203	–	–	–
1967	INSECTICIDE GAS, TOXIC, N.O.S.	2.3	–	–	274	0	E0	P200	–	–	–
1968	INSECTICIDE GAS, N.O.S.	2.2	–	–	274	120 mL	E1	P200	–	–	–
1969	ISOBUTANE	2.1	–	–	392	0	E0	P200	–	–	–
1970	KRYPTON, REFRIGERATED LIQUID	2.2	–	–	–	120 mL	E1	P203	–	–	–
1971	METHANE, COMPRESSED or NATURAL GAS, COMPRESSED with high methane content	2.1	–	–	392 974	0	E0	P200	–	–	–
1972	METHANE, REFRIGERATED LIQUID or NATURAL GAS, REFRIGERATED LIQUID with high methane content	2.1	–	–	–	0	E0	P203	–	–	–
1973	CHLORODIFLUOROMETHANE AND CHLOROPENTAFLUOROETHANE MIXTURE with fixed boiling point, with approximately 49% chlorodifluoromethane (REFRIGERANT GAS R 502)	2.2	–	–	–	120 mL	E1	P200	–	–	–
1974	CHLORODIFLUOROBROMOMETHANE (REFRIGERANT GAS R 12B1)	2.2	–	–	–	120 mL	E1	P200	–	–	–
1975	NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURE (NITRIC OXIDE AND NITROGEN DIOXIDE MIXTURE)	2.3	5.1/8	–	–	0	E0	P200	–	–	–
1976	OCTAFLUOROCYCLOBUTANE (REFRIGERANT GAS RC 318)	2.2	–	–	–	120 mL	E1	P200	–	–	–
1977	NITROGEN, REFRIGERATED	2.2	–	–	345	120 mL	E1	P203	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-D, S-U	Category E SW2	
–	T50	–	F-D, S-U	Category E SW2	
–	T75	TP5 TP34	F-D, S-U	Category D SW2	
–	–	–	F-C, S-U	Category D SW2	
–	–	–	F-C, S-V	Category A	
–	T50	–	F-D, S-U	Category E SW2	
–	T75	TP5	F-C, S-V	Category D	
–	–	–	F-D, S-U	Category E SW2	
–	T75	TP5	F-D, S-U	Category D SW2	
–	T50	–	F-C, S-V	Category A	
–	T50	–	F-C, S-V	Category A	
–	–	–	F-C, S-W	Category D SW2	
–	T50	–	F-C, S-V	Category A	
–	T75	TP5	F-C, S-V	Category D	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	6.1	I	274	0	E0	P001	–	–	–
1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	6.1	II	274	1 L	E2	P001	–	IBC02	–
1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	6.1	III	223 274	5 L	E1	P001	–	IBC03	–
1987	ALCOHOLS, N.O.S.	3	–	II	274	1 L	E2	P001	–	IBC02	–
1987	ALCOHOLS, N.O.S.	3	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.	3	6.1	I	274	0	E0	P001	–	–	–
1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.	3	6.1	II	274	1 L	E2	P001	–	IBC02	–
1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.	3	6.1	III	223 274	5 L	E1	P001	–	IBC03	–
1989	ALDEHYDES, N.O.S.	3	–	I	274	0	E3	P001	–	–	–
1989	ALDEHYDES, N.O.S.	3	–	II	274	1 L	E2	P001	–	IBC02	–
1989	ALDEHYDES, N.O.S.	3	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
1990	BENZALDEHYDE	9	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
1991	CHLOROPRENE, STABILIZED	3	6.1	I	386	0	E0	P001	–	–	–
1992	FLAMMABLE LIQUID, TOXIC, N.O.S.	3	6.1	I	274	0	E0	P001	–	–	–
1992	FLAMMABLE LIQUID, TOXIC, N.O.S.	3	6.1	II	274	1 L	E2	P001	–	IBC02	–
1992	FLAMMABLE LIQUID, TOXIC, N.O.S.	3	6.1	III	223 274	5 L	E1	P001	–	IBC03	–
1993	FLAMMABLE LIQUID, N.O.S.	3	–	I	274	0	E3	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T14	TP2 TP13 TP27	F-E, S-D	Category E SW2	
–	T11	TP2 TP27	F-E, S-D	Category B SW2	
–	T7	TP1 TP28	F-E, S-D	Category A	
–	T7	TP1 TP8 TP28	F-E, S-D	Category B	
–	T4	TP1 TP29	F-E, S-D	Category A	
–	T14	TP2 TP13 TP27	F-E, S-D	Category E SW2	
–	T11	TP2 TP27	F-E, S-D	Category B SW2	
–	T7	TP1 TP28	F-E, S-D	Category A	
–	T11	TP1 TP27	F-E, S-D	Category E	
–	T7	TP1 TP8 TP28	F-E, S-D	Category B	
–	T4	TP1 TP29	F-E, S-D	Category A	
–	T2	TP1	F-A, S-A	Category A	
–	T14	TP2 TP6 TP13	F-E, S-D	Category D SW1 SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category E SW2	
–	T7	TP2 TP13	F-E, S-D	Category B SW2	
–	T7	TP1 TP28	F-E, S-D	Category A	
–	T11	TP1 TP27	F-E, S-E	Category E	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2000	CELLULOID in block, rods, rolls, sheets, tubes, etc., except scrap	4.1	–	III	223 383	5 kg	E1	P002 LP02	PP7	–	–
2001	COBALT NAPHTHENATES, POWDER	4.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2002	CELLULOID, SCRAP	4.2	–	III	223	0	E0	P002 LP02	PP8	IBC08	B3
2004	MAGNESIUM DIAMIDE	4.2	–	II	–	0	E2	P410	PP31	IBC06	–
2006	PLASTICS, NITROCELLULOSE-BASED, SELF-HEATING, N.O.S.	4.2	–	III	274	0	E0	P002	–	–	–
2008	ZIRCONIUM POWDER, DRY	4.2	–	I	–	0	E0	P404	PP31	–	–
2008	ZIRCONIUM POWDER, DRY	4.2	–	II	–	0	E2	P410	PP31	IBC06	B21
2008	ZIRCONIUM POWDER, DRY	4.2	–	III	223	0	E1	P002 LP02	PP31 L4	IBC08	B4
2009	ZIRCONIUM, DRY, finished sheets, strip or coiled wire	4.2	–	III	223	0	E1	P002 LP02	PP31 L4	–	–
2010	MAGNESIUM HYDRIDE	4.3	–	I	–	0	E0	P403	PP31	–	–
2011	MAGNESIUM PHOSPHIDE	4.3	6.1	I	–	0	E0	P403	PP31	–	–
2012	POTASSIUM PHOSPHIDE	4.3	6.1	I	–	0	E0	P403	PP31	–	–
2013	STRONTIUM PHOSPHIDE	4.3	6.1	I	–	0	E0	P403	PP31	–	–
2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	5.1	8	II	–	1 L	E2	P504	PP10	IBC02	B5
2015	HYDROGEN PEROXIDE, STABILIZED or HYDROGEN	5.1	8	I	–	0	E0	P501	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-A, S-I	Category A	
–	T1	TP33	F-A, S-I	Category A	
–	–	–	F-A, S-J	Category D	
–	T3	TP33	F-G, S-M	Category C H1	
–	–	–	F-A, S-G	Category C	
–	T21	TP7 TP33	F-G, S-M	Category D H1	
–	T3	TP33	F-G, S-M	Category D H1	
–	T1	TP33	F-G, S-M	Category D H1	
–	–	–	F-G, S-M	Category D H1	
–	–	–	F-G, S-O	Category E H1	
–	–	–	F-G, S-N	Category E SW2 SW5 H1	
–	–	–	F-G, S-N	Category E SW2 SW5 H1	
–	–	–	F-G, S-N	Category E SW2 SW5 H1	
–	T7	TP2 TP6 TP24	F-H, S-Q	Category D SW1	
–	T9	TP2 TP6	F-H, S-Q	Category D SW1	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2019	CHLOROANILINES, LIQUID	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2020	CHLOROPHENOLS, SOLID	6.1	–	III	205	5 kg	E1	P002 LP02	–	IBC08	B3
2021	CHLOROPHENOLS, LIQUID	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2022	CRESYLIC ACID	6.1	8	II	–	100 mL	E4	P001	–	IBC02	–
2023	EPICHLOROHYDRIN	6.1	3 P	II	279	100 mL	E4	P001	–	IBC02	–
2024	MERCURY COMPOUND, LIQUID, N.O.S.	6.1	– P	I	43 66 274	0	E5	P001	–	–	–
2024	MERCURY COMPOUND, LIQUID, N.O.S.	6.1	– P	II	43 66 274	100 mL	E4	P001	–	IBC02	–
2024	MERCURY COMPOUND, LIQUID, N.O.S.	6.1	– P	III	43 66 223 274	5 L	E1	P001 LP01	–	IBC03	–
2025	MERCURY COMPOUND, SOLID, N.O.S.	6.1	– P	I	43 66 274	0	E5	P002	–	IBC07	B1
2025	MERCURY COMPOUND, SOLID, N.O.S.	6.1	– P	II	43 66 274	500 g	E4	P002	–	IBC08	B4 B21
2025	MERCURY COMPOUND, SOLID, N.O.S.	6.1	– P	III	43 66 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
2026	PHENYLMERCURIC COMPOUND, N.O.S.	6.1	– P	I	43 274	0	E5	P002	–	IBC07	B1
2026	PHENYLMERCURIC COMPOUND, N.O.S.	6.1	– P	II	43 274	500 g	E4	P002	–	IBC08	B4 B21
2026	PHENYLMERCURIC	6.1	–	III	43	5 kg	E1	P002	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T7	TP2	F-A, S-A	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	T7	TP2 TP13	F-A, S-B	Category B	
–	T7	TP2 TP13	F-E, <u>S-D</u>	Category A SW2	
–	–	–	F-A, <u>S-A</u>	Category B SW2	
–	–	–	F-A, <u>S-A</u>	Category B SW2	
–	–	–	F-A, <u>S-A</u>	Category B SW2	
–	T6	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T1	TP33	F-A, <u>S-A</u>	Category A	
–	T6	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T1	TP33	F-A, S-A	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2030	HYDRAZINE, AQUEOUS SOLUTION with more than 37% hydrazine, by mass	8	6.1	I	–	0	E0	P001	–	–	–
2030	HYDRAZINE, AQUEOUS SOLUTION with more than 37% hydrazine, by mass	8	6.1	II	–	1 L	E0	P001	–	IBC02	–
2030	HYDRAZINE, AQUEOUS SOLUTION with more than 37% hydrazine, by mass	8	6.1	III	–	5 L	E1	P001 LP01	–	IBC03	–
△ 2031	NITRIC ACID other than red fuming, with more than 70% nitric acid	8	5.1	I	–	0	E0	P001	PP81	–	–
△ 2031	NITRIC ACID other than red fuming, with at least 65% but with not more than 70% nitric acid	8	5.1	II	–	1 L	E2	P001	PP81	IBC02	B15 B20
△ 2031	NITRIC ACID other than red fuming, with less than 65% nitric acid	8	–	II	–	1 L	E2	P001	PP81	IBC02	B15 B20
△ 2032	NITRIC ACID, RED FUMING	8	5.1/6.1	I	–	0	E0	P602	–	–	–
2033	POTASSIUM MONOXIDE	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
2034	HYDROGEN AND METHANE MIXTURE, COMPRESSED	2.1	–	–	–	0	E0	P200	–	–	–
2035	1,1,1-TRIFLUOROETHANE (REFRIGERANT GAS R 143a)	2.1	–	–	–	0	E0	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T10	TP2 TP13	F-A, S-B	Category D SW2	
–	T7	TP2 TP13	F-A, S-B	Category D SW2	
–	T4	TP1	F-A, S-B	Category D SW2	
	T10	TP2 TP13	F-A, S-Q	Category D	
–	T8	TP2	F-A, S-Q	Category D	
–	T8	TP2	F-A, S-B	Category D	
–	T20	TP2 TP13	F-A, S-Q	Category D SW2	
–	T3	TP33	F-A, S-B	Category A	
–	–	–	F-D, S-U	Category E SW2	
–	T50	–	F-D, S-U	Category B SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2045	ISOBUTYL ALDEHYDE (ISOBUTYRALDEHYDE)	3	–	II	–	1 L	E2	P001	–	IBC02	–
2046	CYMENES	3	– P	III	–	5 L	E1	P001 LP01	–	IBC03	–
2047	DICHLOROPROPENES	3	–	II	–	1 L	E2	P001	–	IBC02	–
2047	DICHLOROPROPENES	3	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
2048	DICYCLOPENTADIENE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2049	DIETHYLBENZENE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2050	DIISOBUTYLENES, ISOMERIC COMPOUNDS	3	–	II	–	1 L	E2	P001	–	IBC02	–
2051	2-DIMETHYLAMINOETHANOL	8	3	II	–	1 L	E2	P001	–	IBC02	–
2052	DIPENTENE	3	– P	III	–	5 L	E1	P001 LP01	–	IBC03	–
2053	METHYL ISOBUTYL CARBINOL	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2054	MORPHOLINE	8	3	I	–	0	E0	P001	–	–	–
2055	STYRENE MONOMER, STABILIZED	3	–	III	386	5 L	E1	P001	–	IBC03	–
2056	TETRAHYDROFURAN	3	–	II	–	1 L	E2	P001	–	IBC02	–
2057	TRIPROPYLENE	3	– P	II	–	1 L	E2	P001	–	IBC02	–
2057	TRIPROPYLENE	3	– P	III	223	5 L	E1	P001 LP01	–	IBC03	–
2058	VALERALDEHYDE	3	–	II	–	1 L	E2	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1	F-E, S-D	Category E SW2	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category B	
–	T7	TP2	F-E, S-C	Category A	
–	T2	TP1	F-E, S-E	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T10	TP2	F-E, S-C	Category A	
–	T2	TP1	F-E, S-D	Category C SW1	
–	T4	TP1	F-E, S-D	Category B	
–	T4	TP2	F-E, S-D	Category B	
–	T2	TP2	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category B	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2067	AMMONIUM NITRATE BASED FERTILIZER	5.1	–	III	306 307 900 967	5 kg	E1	P002 LP02	–	IBC08	B3
2071	AMMONIUM NITRATE BASED FERTILIZER	9	–	III	193	5 kg	E1	P002 LP02	–	IBC08	B3
2073	AMMONIA SOLUTION, relative density less than 0.880 at 15°C in water, with more than 35% but not more than 50% ammonia	2.2	– P	–	–	120 mL	E0	P200	–	–	–
2074	ACRYLAMIDE, SOLID	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2075	CHLORAL, ANHYDROUS, STABILIZED	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2076	CRESOLS, LIQUID	6.1	8	II	–	100 mL	E4	P001	–	IBC02	–
2077	<i>alpha</i> -NAPHTHYLAMINE	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2078	TOLUENE DIISOCYANATE	6.1	–	II	279	100 mL	E4	P001	–	IBC02	–
2079	DIETHYLENETRIAMINE	8	–	II	–	1 L	E2	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T1 BK2 BK3	TP33	F-H, S-Q	Category C SW1 SW14 SW23	
–	BK2	–	F-H, S-Q	Category A SW26	
–	–	–	F-C, S-U	Category E SW2	
–	T1	TP33	F-A, S-A	Category A SW1 H2	
–	T7	TP2	F-A, S-A	Category D SW2	
–	T7	TP2	F-A, S-B	Category B	
–	T1	TP33	F-A, S-A	Category A	
–	T7	TP2 TP13	F-A, S-A	Category C SW1 SW2	
–	T7	TP2	F-A, S-B	Category A SW2	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2191	SULPHURYL FLUORIDE	2.3	–	–	–	0	E0	P200	–	–	–
2192	GERMANE	2.3	2.1	–	–	0	E0	P200	–	–	–
2193	HEXAFLUOROETHANE (REFRIGERANT GAS R 116)	2.2	–	–	–	120 mL	E1	P200	–	–	–
2194	SELENIUM HEXAFLUORIDE	2.3	8	–	–	0	E0	P200	–	–	–
2195	TELLURIUM HEXAFLUORIDE	2.3	8	–	–	0	E0	P200	–	–	–
2196	TUNGSTEN HEXAFLUORIDE	2.3	8	–	–	0	E0	P200	–	–	–
2197	HYDROGEN IODIDE, ANHYDROUS	2.3	8	–	–	0	E0	P200	–	–	–
2198	PHOSPHORUS PENTAFLUORIDE	2.3	8	–	–	0	E0	P200	–	–	–
2199	PHOSPHINE	2.3	2.1	–	–	0	E0	P200	–	–	–
2200	PROPADIENE, STABILIZED	2.1	–	–	386	0	E0	P200	–	–	–
2201	NITROUS OXIDE, REFRIGERATED LIQUID	2.2	5.1	–	–	0	E0	P203	–	–	–
2202	HYDROGEN SELENIDE, ANHYDROUS	2.3	2.1	–	–	0	E0	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-C, S-U	Category D SW2	
–	–	–	F-D, S-U	Category D SW2	
–	–	–	F-C, S-V	Category A	
–	–	–	F-C, S-U	Category D SW2	
–	–	–	F-C, S-U	Category D SW2	
–	–	–	F-C, S-U	Category D SW2	
–	–	–	F-C, S-U	Category D SW2	
–	–	–	F-D, S-U	Category D SW2	
–	–	–	F-D, S-U	Category B SW1 SW2	
–	T75	TP5 TP22	F-C, S-W	Category D SW2	
–	–	–	F-D, S-U	Category D SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2206	ISOCYANATES, TOXIC, N.O.S. or ISOCYANATE SOLUTION, TOXIC, N.O.S.	6.1	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
2208	CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 10% but not more than 39% available chlorine	5.1	– P	III	314	5 kg	E1	P002	PP85	–	–
2209	FORMALDEHYDE SOLUTION with not less than 25% formaldehyde	8	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2210	MANEB or MANEB PREPARATION with not less than 60% maneb	4.2	4.3 P	III	273	0	E1	P002	PP100	IBC06	–
2211	POLYMERIC BEADS, EXPANDABLE, evolving flammable vapour	9	–	III	382 965	5 kg	E1	P002	PP14	IBC08	B3 B6
2212	ASBESTOS, AMPHIBOLE (amosite, tremolite, actinolite, anthophyllite, crocidolite)	9	–	II	168 274	1 kg	E0	P002	PP37	IBC08	B4 B21

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T7	TP1 TP13 TP28	F-A, S-A	Category E SW1 SW2	
–	–	–	F-H, S-Q	Category D SW1 SW11	
–	T4	TP1	F-A, S-B	Category A	
–	T1	TP33	F-G, S-L	Category A H1	
–	T1	TP33	F-A, S-I	Category E SW1 SW6	
–	T3	TP33	F-A, S-A	Category A SW2 H4	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2215	MALEIC ANHYDRIDE, MOLTEN	8	–	III	–	0	E0	–	–	–	–
2216	FISH MEAL (FISH SCRAP), STABILIZED Anti-oxidant treated. Moisture content greater than 5% but not exceeding 12%, by mass. Fat content not more than 15%	9	–	III	29 117 300 308 907 928 973	0	E1	P900	–	IBC08	B3
2217	SEED CAKE with not more than 1.5% oil and not more than 11% moisture	4.2	–	III	29 142 973	0	E0	P002 LP02	PP20	IBC08	B3 B6
2218	ACRYLIC ACID, STABILIZED	8	3 P	II	386	1 L	E2	P001	–	IBC02	–
2219	ALLYL GLYCIDYL ETHER	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2222	ANISOLE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2224	BENZONITRILE	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2225	BENZENESULPHONYL CHLORIDE	8	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2226	BENZOTRICHLORIDE	8	–	II	–	1 L	E2	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP3	F-A, S-B	Category A	
–	T1 BK2	TP33	F-A, S-J	Category B SW24	
–	BK2	–	F-A, S-J	Category A SW1 SW4 H1	
–	T7	TP2	F-E, S-C	Category C SW1 SW2	
–	T2	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T7	TP2	F-A, S-A	Category A SW2	
–	T4	TP1	F-A, S-B	Category A SW2	
–	T7	TP2	F-A, S-B	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2235	CHLOROBENZYL CHLORIDES, LIQUID	6.1	– P	III	–	5 L	E1	P001 LP01	–	IBC03	–
2236	3-CHLORO-4-METHYLPHENYL ISOCYANATE, LIQUID	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2237	CHLORONITROANILINES	6.1	– P	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2238	CHLOROTOLUENES	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2239	CHLOROTOLUIDINES, SOLID	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
△ 2240	CHROMOSULPHURIC ACID	8	–	I	–	0	E0	P001	–	–	–
2241	CYCLOHEPTANE	3	– P	II	–	1 L	E2	P001	–	IBC02	–
2242	CYCLOHEPTENE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2243	CYCLOHEXYL ACETATE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2244	CYCLOPENTANOL	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2245	CYCLOPENTANONE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2246	CYCLOPENTENE	3	–	II	–	1 L	E2	P001	–	IBC02	B8
2247	n-DECANE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2248	DI-n-BUTYLAMINE	8	3	II	–	1 L	E2	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1	F-A, <u>S-A</u>	Category A	
–	–	–	F-A, S-A	Category B SW2	
–	T1	TP33	F-A, <u>S-A</u>	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	T10	TP2 TP13	F-A, S-B	Category B SW2	
–	T4	TP2	F-E, <u>S-D</u>	Category B SW2	
–	T4	TP1	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T7	TP2	F-E, S-D	Category E	
–	T2	TP1	F-E, S-E	Category A	
–	T7	TP2	F-E, S-C	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2253	N,N-DIMETHYLANILINE	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2254	MATCHES, FUSEE	4.1	–	III	293	5 kg	E0	P407	–	–	–
2256	CYCLOHEXENE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2257	POTASSIUM	4.3	–	I	–	0	E0	P403	PP31	IBC04	B1
2258	1,2-PROPYLENEDIAMINE	8	3	II	–	1 L	E2	P001	–	IBC02	–
2259	TRIETHYLENETETRAMINE	8	–	II	–	1 L	E2	P001	–	IBC02	–
2260	TRIPROPYLAMINE	3	8	III	–	5 L	E1	P001	–	IBC03	–
2261	XYLENOLS, SOLID	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
2262	DIMETHYLCARBAMOYL CHLORIDE	8	–	II	–	1 L	E2	P001	–	IBC02	–
2263	DIMETHYLCYCLOHEXANES	3	–	II	–	1 L	E2	P001	–	IBC02	–
2264	N,N-DIMETHYL-CYCLOHEXYLAMINE	8	3	II	–	1 L	E2	P001	–	IBC02	–
2265	N,N-DIMETHYLFORMAMIDE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2266	DIMETHYL-N-PROPYLAMINE	3	8	II	–	1 L	E2	P001	–	IBC02	–
2267	DIMETHYL THIOPHOSPHORYL	6.1	8	II	–	100 mL	E4	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T7	TP2	F-A, S-A	Category A	
–	–	–	F-A, S-I	Category A	
–	T4	TP1	F-E, S-D	Category E	
–	T9	TP7 TP33	F-G, S-N	Category D H1	
–	T7	TP2	F-E, S-C	Category A SW2	
–	T7	TP2	F-A, S-B	Category B SW2	
–	T4	TP1	F-E, S-C	Category A SW2	
–	T3	TP33	F-A, S-A	Category A	
–	T7	TP2	F-A, S-B	Category A SW2	
–	T4	TP1	F-E, S-D	Category B	
–	T7	TP2	F-E, S-C	Category A SW2	
–	T2	TP2	F-E, S-D	Category A	
–	T7	TP2 TP13	F-E, S-C	Category B SW2	
–	T7	TP2	F-A, S-B	Category B	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2271	ETHYL AMYL KETONES	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2272	N-ETHYLANILINE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2273	2-ETHYLANILINE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2274	N-ETHYL-N-BENZYLANILINE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2275	2-ETHYLBUTANOL	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2276	2-ETHYLHEXYLAMINE	3	8	III	–	5 L	E1	P001	–	IBC03	–
2277	ETHYL METHACRYLATE, STABILIZED	3	–	II	386	1 L	E2	P001	–	IBC02	–
2278	n-HEPTENE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2279	HEXACHLOROBUTADIENE	6.1	– P	III	–	5 L	E1	P001 LP01	–	IBC03	–
2280	HEXAMETHYLENEDIAMINE, MOLTEN	8	–	III	–	0	E0	–	–	–	–
2280	HEXAMETHYLENEDIAMINE, SOLID	8	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2281	HEXAMETHYLENE DIISOCYANATE	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2282	HEXANOLS	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2283	ISOBUTYL METHACRYLATE,	3	–	III	386	5 L	E1	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-C	Category A SW2	
–	T4	TP1	F-E, S-D	Category C SW1	
–	T4	TP1	F-E, S-D	Category B	
–	T4	TP1	F-A, S-A	Category A	
–	T4	TP1	F-A, S-B	Category A SW1 H2	
–	T1	TP33	F-A, S-B	Category A SW1 H2	
–	T7	TP2 TP13	F-A, S-A	Category C SW2 H1	
–	T2	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category C	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2289	ISOPHORONEDIAMINE	8	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2290	ISOPHORONE DIISOCYANATE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2291	LEAD COMPOUND, SOLUBLE, N.O.S.	6.1	– P	III	199 274	5 kg	E1	P002 LP02	–	IBC08	B3
2293	4-METHOXY-4-METHYL-PENTAN-2-ONE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2294	N-METHYLANILINE	6.1	– P	III	–	5 L	E1	P001 LP01	–	IBC03	–
2295	METHYL CHLOROACETATE	6.1	3	I	–	0	E0	P001	–	–	–
2296	METHYLCYCLOHEXANE	3	– P	II	–	1 L	E2	P001	–	IBC02	–
2297	METHYLCYCLOHEXANONE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2298	METHYLCYCLOPENTANE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2299	METHYL DICHLOROACETATE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2300	2-METHYL-5-ETHYLPYRIDINE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2301	2-METHYLFURAN	3	–	II	–	1 L	E2	P001	–	IBC02	–
2302	5-METHYLHEXAN-2-ONE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2303	ISOPROPENYLBENZENE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1	F-A, S-B	Category A	
–	T4	TP2	F-A, S-A	Category B SW2	
–	T1	TP33	F-A, <u>S-A</u>	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP2	F-A, <u>S-A</u>	Category A	
–	T14	TP2 TP13	F-E, S-D	Category D	
–	T4	TP2	F-E, <u>S-D</u>	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category B	
–	T4	TP1	F-A, S-A	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	T4	TP1	F-E, S-D	Category E	
–	T2	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2308	NITROSULPHURIC ACID, LIQUID	8	–	II	–	1 L	E2	P001	–	IBC02	B20
2309	OCTADIENE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2310	PENTANE-2,4-DIONE	3	6.1	III	–	5 L	E1	P001	–	IBC03	–
2311	PHENETIDINES	6.1	–	III	279	5 L	E1	P001 LP01	–	IBC03	–
2312	PHENOL, MOLTEN	6.1	–	II	–	0	E0	–	–	–	–
2313	PICOLINES	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2315	POLYCHLORINATED BIPHENYLS, LIQUID	9	– P	II	305	1 L	E2	P906	–	IBC02	–
2316	SODIUM CUPROCYANIDE, SOLID	6.1	– P	I	–	0	E5	P002	–	IBC07	B1
2317	SODIUM CUPROCYANIDE SOLUTION	6.1	– P	I	–	0	E5	P001	–	–	–
2318	SODIUM HYDROSULPHIDE with less than 25% water of crystallization	4.2	–	II	–	0	E2	P410	PP31	IBC06	B21
2319	TERPENE HYDROCARBONS, N.O.S.	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2320	TETRAETHYLENEPENTAMINE	8	–	III	–	5 L	E1	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T8	TP2	F-A, S-B	Category D SW2	
–	T4	TP1	F-E, S-D	Category B	
–	T4	TP1	F-E, S-D	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	T7	TP3	F-A, S-A	Category B SW2	
–	T4	TP1	F-E, S-D	Category A SW2	
–	T4	TP1	F-A, <u>S-A</u>	Category A	
–	T6	TP33	F-A, <u>S-A</u>	Category A	
–	T14	TP2 TP13	F-A, <u>S-A</u>	Category B SW2	
–	T3	TP33	F-A, S-J	Category A	
–	T4	TP1 TP29	F-E, S-D	Category A	
–	T4	TP1	F-A, S-B	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2327	TRIMETHYLHEXAMETHYLENE-DIAMINES	8	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2328	TRIMETHYLHEXAMETHYLENE DIISOCYANATE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2329	TRIMETHYL PHOSPHITE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2330	UNDECANE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2331	ZINC CHLORIDE, ANHYDROUS	8	– P	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2332	ACETALDEHYDE OXIME	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2333	ALLYL ACETATE	3	6.1	II	–	1 L	E2	P001	–	IBC02	–
2334	ALLYLAMINE	6.1	3	I	354	0	E0	P602	–	–	–
2335	ALLYL ETHYL ETHER	3	6.1	II	–	1 L	E2	P001	–	IBC02	–
2336	ALLYL FORMATE	3	6.1	I	–	0	E0	P001	–	–	–
2337	PHENYL MERCAPTAN	6.1	3	I	354	0	E0	P602	–	–	–
2338	BENZOTRIFLUORIDE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2339	2-BROMOBUTANE	3	–	II	–	1 L	E2	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1	F-A, S-B	Category A	
–	T4	TP2 TP13	F-A, S-A	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-E	Category A	
–	T1	TP33	F-A, S-B	Category A	
–	T4	TP1	F-E, S-D	Category A	
–	T7	TP1 TP13	F-E, S-D	Category E SW2	
–	T20	TP2 TP13	F-E, S-D	Category D SW2	
–	T7	TP1 TP13	F-E, S-D	Category E SW2	
–	T14	TP2 TP13	F-E, S-D	Category E SW2	
–	T20	TP2 TP13	F-E, S-D	Category D SW2	
–	T4	TP1	F-E, S-D	Category B SW2	
–	T4	TP1	F-E, S-D	Category B SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2345	3-BROMOPROPYNE	3	–	II	905	1 L	E2	P001	–	IBC02	–
2346	BUTANEDIONE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2347	BUTYL MERCAPTAN	3	–	II	–	1 L	E2	P001	–	IBC02	–
2348	BUTYL ACRYLATES, STABILIZED	3	–	III	386	5 L	E1	P001 LP01	–	IBC03	–
2350	BUTYL METHYL ETHER	3	–	II	–	1 L	E2	P001	–	IBC02	–
2351	BUTYL NITRITES	3	–	II	–	1 L	E2	P001	–	IBC02	–
2351	BUTYL NITRITES	3	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
2352	BUTYL VINYL ETHER, STABILIZED	3	–	II	386	1 L	E2	P001	–	IBC02	–
2353	BUTYRYL CHLORIDE	3	8	II	–	1 L	E2	P001	–	IBC02	B20
2354	CHLOROMETHYL ETHYL ETHER	3	6.1	II	–	1 L	E2	P001	–	IBC02	–
2356	2-CHLOROPROPANE	3	–	I	–	0	E3	P001	–	–	–
2357	CYCLOHEXYLAMINE	8	3	II	–	1 L	E2	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1	F-E, S-D	Category D SW2	
–	T4	TP1	F-E, S-D	Category B	
–	T4	TP1	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category C SW1	
–	T4	TP1	F-E, S-D	Category B	
–	T4	TP1	F-E, S-D	Category B SW2	
–	T2	TP1	F-E, S-D	Category A SW2	
–	T4	TP1	F-E, S-D	Category C SW1 SW2	
–	T8	TP2 TP13	F-E, S-C	Category C SW2	
–	T7	TP1 TP13	F-E, S-D	Category E SW2	
–	T11	TP2 TP13	F-E, S-D	Category E	
–	T7	TP2	F-E, S-C	Category A SW2	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2362	1,1-DICHLOROETHANE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2363	ETHYL MERCAPTAN	3	– P	I	–	0	E0	P001	–	–	–
2364	n-PROPYLBENZENE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2366	DIETHYL CARBONATE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2367	alpha-METHYL-VALERALDEHYDE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2368	alpha-PINENE	3	– P	III	–	5 L	E1	P001 LP01	–	IBC03	–
2370	1-HEXENE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2371	ISOPENTENES	3	–	I	–	0	E3	P001	–	–	–
2372	1,2-DI-(DIMETHYLAMINO) ETHANE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2373	DIETHOXYMETHANE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2374	3,3-DIETHOXYPROPENE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2375	DIETHYL SULPHIDE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2376	2,3-DIHYDROPYRAN	3	–	II	–	1 L	E2	P001	–	IBC02	–
2377	1,1-DIMETHOXYETHANE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2378	2-DIMETHYLAMINO- ACETONITRILE	3	6.1	II	–	1 L	E2	P001	–	IBC02	–
2379	1,3-DIMETHYLBUTYLAMINE	3	8	II	–	1 L	E2	P001	–	IBC02	–
2380	DIMETHYL DIETHOXYMETHANE	3	–	II	–	1 L	E2	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	(16b) 7.2
–	T4	TP1	F-E, S-D	Category B SW2	–
–	T11	TP2 TP13	F-E, S-D	Category E	–
–	T2	TP1	F-E, S-D	Category A	–
–	T2	TP1	F-E, S-D	Category A	–
–	T4	TP1	F-E, S-D	Category B	–
–	T2	TP2	F-E, S-E	Category A	–
–	T4	TP1	F-E, S-D	Category E	–
–	T11	TP2	F-E, S-D	Category E	–
–	T4	TP1	F-E, S-D	Category B	–
–	T4	TP1	F-E, S-D	Category B	–
–	T4	TP1	F-E, S-D	Category B	–
–	T7	TP1 TP13	F-E, S-D	Category E	–
–	T4	TP1	F-E, S-D	Category B	–
–	T7	TP1	F-E, S-D	Category B	–
–	T7	TP1	F-E, S-D	Category A SW2	–
–	T7	TP1	F-E, S-C	Category B	–
–	T4	TP1	F-E, S-D	Category B	–

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2385	ETHYL ISOBUTYRATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2386	1-ETHYLPIPERIDINE	3	8	II	–	1 L	E2	P001	–	IBC02	–
2387	FLUOROBENZENE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2388	FLUOROTOLUENES	3	–	II	–	1 L	E2	P001	–	IBC02	–
2389	FURAN	3	–	I	–	0	E3	P001	–	–	–
2390	2-IODOBUTANE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2391	IODOMETHYLPROPANES	3	–	II	–	1 L	E2	P001	–	IBC02	–
2392	IODOPROPANES	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2393	ISOBUTYL FORMATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2394	ISOBUTYL PROPIONATE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2395	ISOBUTYRYL CHLORIDE	3	8	II	–	1 L	E2	P001	–	IBC02	–
2396	METHACRYLALDEHYDE, STABILIZED	3	6.1	II	386	1 L	E2	P001	–	IBC02	–
2397	3-METHYLBUTAN-2-ONE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2398	METHYL <i>tert</i> -BUTYL ETHER	3	–	II	–	1 L	E2	P001	–	IBC02	–
2399	1-METHYLPIPERIDINE	3	8	II	–	1 L	E2	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1	F-E, S-D	Category B	
–	T7	TP1	F-E, S-C	Category B	
–	T4	TP1	F-E, S-D	Category B	
–	T4	TP1	F-E, S-D	Category B	
–	T12	TP2 TP13	F-E, S-D	Category E SW2	
–	T4	TP1	F-E, S-D	Category B	
–	T4	TP1	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category B	
–	T7	TP2	F-E, S-C	Category C SW2	
–	T7	TP1 TP13	F-E, S-D	Category D SW1 SW2	
–	T4	TP1	F-E, S-D	Category B	
–	T7	TP1	F-E, S-D	Category E	
–	T7	TP1	F-E, S-C	Category B	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2406	ISOPROPYL ISOBUTYRATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2407	ISOPROPYL CHLOROFORMATE	6.1	3/8	I	354	0	E0	P602	–	–	–
2409	ISOPROPYL PROPIONATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2410	1,2,3,6-TETRAHYDROPYRIDINE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2411	BUTYRONITRILE	3	6.1	II	–	1 L	E2	P001	–	IBC02	–
2412	TETRAHYDROTHIOPHENE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2413	TETRAPROPYL ORTHOTITANATE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2414	THIOPHENE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2416	TRIMETHYL BORATE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2417	CARBONYL FLUORIDE	2.3	8	–	–	0	E0	P200	–	–	–
2418	SULPHUR TETRAFLUORIDE	2.3	8	–	–	0	E0	P200	–	–	–
2419	BROMOTRIFLUOROETHYLENE	2.1	–	–	–	0	E0	P200	–	–	–
2420	HEXAFLUOROACETONE	2.3	8	–	–	0	E0	P200	–	–	–
2421	NITROGEN TRIOXIDE	2.3	5.1/8	–	–	0	E0	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1	F-E, S-D	Category B	
–	–	–	F-E, S-C	Category D SW2	
–	T4	TP1	F-E, S-D	Category B	
–	T4	TP1	F-E, S-D	Category B	
–	T7	TP1 TP13	F-E, S-D	Category E SW2	
–	T4	TP1	F-E, S-D	Category B	
–	T4	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category B SW2	
–	T7	TP1	F-E, S-D	Category B	
–	–	–	F-C, S-U	Category D SW2	
–	–	–	F-C, S-U	Category D SW2	
–	–	–	F-D, S-U	Category B SW2	
–	–	–	F-C, S-U	Category D SW2	
–	–	–	F-C, S-W	Category D SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
△ 2426	AMMONIUM NITRATE, LIQUID (hot concentrated solution)	5.1	–	–	252 942	0	E0	–	–	–	–
2427	POTASSIUM CHLORATE, AQUEOUS SOLUTION	5.1	–	II	–	1 L	E2	P504	–	IBC02	–
2427	POTASSIUM CHLORATE, AQUEOUS SOLUTION	5.1	–	III	223	5 L	E1	P504	–	IBC02	–
2428	SODIUM CHLORATE, AQUEOUS SOLUTION	5.1	–	II	–	1 L	E2	P504	–	IBC02	–
2428	SODIUM CHLORATE, AQUEOUS SOLUTION	5.1	–	III	223	5 L	E1	P504	–	IBC02	–
2429	CALCIUM CHLORATE, AQUEOUS SOLUTION	5.1	–	II	–	1 L	E2	P504	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T7	TP1 TP16 TP17	F-H, S-Q	Category D	
–	T4	TP1	F-H, S-Q	Category B	
–	T4	TP1	F-H, S-Q	Category B	
–	T4	TP1	F-H, S-Q	Category B	
–	T4	TP1	F-H, S-Q	Category B	
–	T4	TP1	F-H, S-Q	Category B	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2432	N,N-DIETHYLANILINE	6.1	–	III	279	5 L	E1	P001 LP01	–	IBC03	–
2433	CHLORONITROTOLUENES, LIQUID	6.1	– P	III	–	5 L	E1	P001 LP01	–	IBC03	–
2434	DIBENZYL-DICHLOROSILANE	8	–	II	–	0	E0	P010	–	–	–
2435	ETHYLPHENYL-DICHLOROSILANE	8	–	II	–	0	E0	P010	–	–	–
2436	THIOACETIC ACID	3	–	II	–	1 L	E2	P001	–	IBC02	–
2437	METHYLPHENYL-DICHLOROSILANE	8	–	II	–	0	E0	P010	–	–	–
2438	TRIMETHYLACETYL CHLORIDE	6.1	3/8	I	–	0	E0	P001	–	–	–
2439	SODIUM HYDROGENDIFLUORIDE	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
2440	STANNIC CHLORIDE PENTAHYDRATE	8	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2441	TITANIUM TRICHLORIDE, PYROPHORIC or TITANIUM TRICHLORIDE MIXTURE, PYROPHORIC	4.2	8	I	–	0	E0	P404	PP31	–	–
2442	TRICHLOROACETYL CHLORIDE	8	–	II	–	0	E0	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1	F-A, S-A	Category A	
–	T4	TP1	F-A, <u>S-A</u>	Category A	
–	T10	TP2 TP7 TP13	F-A, S-B	Category C SW2	
–	T10	TP2 TP7 TP13	F-A, S-B	Category C	
–	T4	TP1	F-E, S-D	Category B	
–	T10	TP2 TP7 TP13	F-A, S-B	Category C SW2	
–	T14	TP2 TP13	F-E, S-C	Category D SW1 SW2	
–	T3	TP33	F-A, S-B	Category A SW1 SW2 H2	
–	T1	TP33	F-A, S-B	Category A	
–	–	–	F-G, S-M	Category D SW2 H1	
–	T7	TP2	F-A, S-B	Category D SW2	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2447	PHOSPHORUS, WHITE, MOLTEN	4.2	6.1 P	I	–	0	E0	–	–	–	–
2448	SULPHUR, MOLTEN	4.1	–	III	–	0	E0	–	–	IBC01	–
2451	NITROGEN TRIFLUORIDE	2.2	5.1	–	–	0	E0	P200	–	–	–
2452	ETHYLACETYLENE, STABILIZED	2.1	–	–	386	0	E0	P200	–	–	–
2453	ETHYL FLUORIDE (REFRIGERANT GAS R 161)	2.1	–	–	–	0	E0	P200	–	–	–
2454	METHYL FLUORIDE (REFRIGERANT GAS R 41)	2.1	–	–	–	0	E0	P200	–	–	–
2455	METHYL NITRITE	2.2	–	–	900	–	–	–	–	–	–
2456	2-CHLOROPROPENE	3	–	I	–	0	E3	P001	–	–	–
2457	2,3-DIMETHYLBUTANE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2458	HEXADIENES	3	–	II	–	1 L	E2	P001	–	IBC02	–
2459	2-METHYL-1-BUTENE	3	–	I	–	0	E3	P001	–	–	–
2460	2-METHYL-2-BUTENE	3	–	II	–	1 L	E2	P001	–	IBC02	B8

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T21	TP3 TP7 TP26	F-A, S-M	Category D	
–	T1	TP3	F-A, S-H	Category C	
–	–	–	F-C, S-W	Category D SW2	
–	–	–	F-D, S-U	Category B SW1 SW2	
–	–	–	F-D, S-U	Category E SW2	
–	–	–	–	–	
–	T11	TP2	F-E, S-D	Category E	
–	T7	TP1	F-E, S-D	Category E	
–	T4	TP1	F-E, S-D	Category B	
–	T11	TP2	F-E, S-D	Category E	
–	T7	TP1	F-E, S-D	Category E	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2468	TRICHLOROISOCYANURIC ACID, DRY	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
2469	ZINC BROMATE	5.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2470	PHENYLACETONITRILE, LIQUID	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2471	OSMIUM TETROXIDE	6.1	– P	I	–	0	E5	P002	PP30 PP31	IBC07	B1
2473	SODIUM ARSANILATE	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2474	THIOPHOSGENE	6.1	–	I	279 354	0	E0	P602	–	–	–
2475	VANADIUM TRICHLORIDE	8	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2477	METHYL ISOTHIOCYANATE	6.1	3	I	354	0	E0	P602	–	–	–
2478	ISOCYANATES, FLAMMABLE, TOXIC, N.O.S. or ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.	3	6.1	II	274	1 L	E2	P001	PP31	IBC02	–
2478	ISOCYANATES, FLAMMABLE, TOXIC, N.O.S. or ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.	3	6.1	III	223 274	5 L	E1	P001	PP31	IBC03	–
2480	METHYL ISOCYANATE	6.1	3	I	354	0	E0	P601	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-A, S-Q	Category A H1	
–	T1	TP33	F-H, S-Q	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	T6	TP33	F-A, S-A	Category B SW2	
–	T1	TP33	F-A, S-A	Category A	
–	T20	TP2 TP13	F-A, S-A	Category D SW2	
–	T1	TP33	F-A, S-B	Category A SW2	
–	T20	TP2 TP13	F-E, S-D	Category D SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category D SW2	
–	T7	TP1 TP13 TP28	F-E, S-D	Category A	
–	T22	TP2 TP13	F-E, S-D	Category D SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2484	tert-BUTYL ISOCYANATE	6.1	3	I	354	0	E0	P602	–	–	–
2485	n-BUTYL ISOCYANATE	6.1	3	I	354	0	E0	P602	–	–	–
2486	ISOBUTYL ISOCYANATE	6.1	3	I	354	0	E0	P602	–	–	–
2487	PHENYL ISOCYANATE	6.1	3	I	354	0	E0	P602	–	–	–
2488	CYCLOHEXYL ISOCYANATE	6.1	3	I	354	0	E0	P602	–	–	–
2490	DICHLOROISOPROPYL ETHER	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2491	ETHANOLAMINE or ETHANOLAMINE SOLUTION	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
2493	HEXAMETHYLENEIMINE	3	8	II	–	1 L	E2	P001	–	IBC02	–
2495	IODINE PENTAFLUORIDE	5.1	6.1/8	I	–	0	E0	P200	–	–	–
2496	PROPIONIC ANHYDRIDE	8	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2498	1,2,3,6-TETRAHYDRO-	3	–	III	–	5 L	E1	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T20	TP2 TP13	F-E, S-D	Category D SW2	
–	T20	TP2 TP13	F-E, S-D	Category D SW2	
–	T20	TP2 TP13	F-E, S-D	Category D SW2	
–	T20	TP2 TP13	F-E, S-D	Category D SW2	
–	T20	TP2 TP13	F-E, S-D	Category D SW2	
–	T7	TP2	F-A, S-A	Category B	
–	T4	TP1	F-A, S-B	Category A	
–	T7	TP1	F-E, S-C	Category B SW2	
–	–	–	F-A, S-Q	Category D SW1 SW2	
–	T4	TP1	F-A, S-B	Category A	
–	T2	TP1	F-E, S-D	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2505	AMMONIUM FLUORIDE	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2506	AMMONIUM HYDROGEN SULPHATE	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
2507	CHLOROPLATINIC ACID, SOLID	8	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2508	MOLYBDENUM PENTACHLORIDE	8	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2509	POTASSIUM HYDROGEN SULPHATE	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
2511	2-CHLOROPROPIONIC ACID	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
2512	AMINOPHENOLS (o-, m-, p-)	6.1	–	III	279	5 kg	E1	P002 LP02	–	IBC08	B3
2513	BROMOACETYL BROMIDE	8	–	II	–	1 L	E2	P001	–	IBC02	B20
2514	BROMOBENZENE	3	– P	III	–	5 L	E1	P001 LP01	–	IBC03	–
2515	BROMOFORM	6.1	– P	III	–	5 L	E1	P001 LP01	–	IBC03	–
2516	CARBON TETRABROMIDE	6.1	– P	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2517	1-CHLORO-1,1-DIFLUORO-ETHANE	2.1	–	–	–	0	E0	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T1	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-B	Category A SW2	
–	T1	TP33	F-A, S-B	Category A	
–	T1	TP33	F-A, S-B	Category C SW2	
–	T3	TP33	F-A, S-B	Category A	
–	T4	TP2	F-A, S-B	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	T8	TP2	F-A, S-B	Category C SW2	
–	T2	TP1	F-E, <u>S-D</u>	Category A	
–	T4	TP1	F-A, <u>S-A</u>	Category A SW1 SW2 H2	
–	T1	TP33	F-A, <u>S-A</u>	Category A SW1	
–	T50	–	F-D, S-U	Category B SW2	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2525	ETHYL OXALATE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2526	FURFURYLAMINE	3	8	III	–	5 L	E1	P001	–	IBC03	–
2527	ISOBUTYL ACRYLATE, STABILIZED	3	–	III	386	5 L	E1	P001 LP01	–	IBC03	–
2528	ISOBUTYL ISOBUTYRATE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2529	ISOBUTYRIC ACID	3	8	III	–	5 L	E1	P001	–	IBC03	–
2531	METHACRYLIC ACID, STABILIZED	8	–	II	386	1 L	E2	P001	–	IBC02	–
2533	METHYL TRICHLOROACETATE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2534	METHYLCHLOROSILANE	2.3	2.1/8	–	–	0	E0	P200	–	–	–
2535	4-METHYLMORPHOLINE (N-METHYLMORPHOLINE)	3	8	II	–	1 L	E2	P001	–	IBC02	–
2536	METHYLTETRAHYDROFURAN	3	–	II	–	1 L	E2	P001	–	IBC02	–
2538	NITRONAPHTHALENE	4.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2541	TERPINOLENE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2542	TRIBUTYLAMINE	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2545	HAFNIUM POWDER, DRY	4.2	–	I	–	0	E0	P404	PP31	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1	F-A, S-A	Category A	
–	T4	TP1	F-E, S-C	Category A SW2	
–	T2	TP1	F-E, S-D	Category C SW1	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-C	Category A	
–	T7	TP2 TP18 TP30	F-A, S-B	Category C SW1 SW2	
–	T4	TP1	F-A, S-A	Category A	
–	–	–	F-D, S-U	Category D SW2	
–	T7	TP1	F-E, S-C	Category B SW2	
–	T4	TP1	F-E, S-D	Category B	
–	T1	TP33	F-A, S-G	Category A	
–	T2	TP1	F-E, S-E	Category A	
–	T7	TP2	F-A, S-A	Category A	
–	–	–	F-G, S-M	Category D H1	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2547	SODIUM SUPEROXIDE	5.1	–	I	–	0	E0	P503	–	IBC06	B1
2548	CHLORINE PENTAFLUORIDE	2.3	5.1/8	–	–	0	E0	P200	–	–	–
2552	HEXAFLUOROACETONE HYDRATE, LIQUID	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2554	METHYLALLYL CHLORIDE	3	–	II	–	1 L	E2	P001	–	IBC02	–
2555	NITROCELLULOSE WITH WATER (not less than 25% water, by mass)	4.1	–	II	28 394	0	E0	P406	PP31	–	–
2556	NITROCELLULOSE WITH ALCOHOL (not less than 25% alcohol, by mass, and not more than 12.6% nitrogen, by dry mass)	4.1	–	II	28 394	0	E0	P406	PP31	–	–
2557	NITROCELLULOSE with not more than 12.6% nitrogen, by dry mass, MIXTURE WITH or WITHOUT PLASTICIZER, WITH or WITHOUT PIGMENT	4.1	–	II	241 394	0	E0	P406	PP31	–	–
2558	EPIBROMOHYDRIN	6.1	3 P	I	–	0	E0	P001	–	–	–
2560	2-METHYLPENTAN-2-OL	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2561	3-METHYL-1-BUTENE	3	–	I	–	0	E3	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-G, S-Q	Category D H1	
–	–	–	F-C, S-W	Category D SW2	
–	T7	TP2	F-A, S-A	Category B SW2	
–	T4	TP1 TP13	F-E, S-D	Category E	
–	–	–	F-B, S-J	Category E	
–	–	–	F-B, S-J	Category D SW1 H2	
–	–	–	F-B, S-J	Category D	
–	T14	TP2 TP13	F-E, <u>S-D</u>	Category D SW2	
–	T2	TP1	F-E, S-D	Category A	
–	T11	TP2	F-E, S-D	Category E	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2570	CADMIUM COMPOUND	6.1	–	I	274	0	E5	P002	–	IBC07	B1
2570	CADMIUM COMPOUND	6.1	–	II	274	500 g	E4	P002	–	IBC08	B4 B21
2570	CADMIUM COMPOUND	6.1	–	III	223 274	5 kg	E1	P002 LP02	–	IBC08	B3
2571	ALKYLSULPHURIC ACIDS	8	–	II	–	1 L	E2	P001	–	IBC02	–
2572	PHENYLHYDRAZINE	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2573	THALLIUM CHLORATE	5.1	6.1 P	II	–	1 kg	E2	P002	–	IBC06	B21
2574	TRICRESYL PHOSPHATE with more than 3% <i>ortho</i> -isomer	6.1	– P	II	–	100 mL	E4	P001	–	IBC02	–
2576	PHOSPHORUS OXYBROMIDE, MOLTEN	8	–	II	–	0	E0	–	–	–	–
2577	PHENYLACETYL CHLORIDE	8	–	II	–	1 L	E2	P001	–	IBC02	–
2578	PHOSPHORUS TRIOXIDE	8	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2579	PIPERAZINE	8	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T6	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	T8	TP2 TP13 TP28	F-A, S-B	Category C SW15	
–	T7	TP2	F-A, S-A	Category A SW2	
–	T3	TP33	F-H, S-Q	Category A	
–	T7	TP2	F-A, S-A	Category A	
–	T7	TP3 TP13	F-A, S-B	Category C SW2	
–	T7	TP2	F-A, S-B	Category C SW2	
–	T1	TP33	F-A, S-B	Category A SW1 H2	
–	T1	TP33	F-A, S-B	Category A SW1 H2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2584	ALKYLSULPHONIC ACIDS, LIQUID or ARYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid	8	–	II	–	1 L	E2	P001	–	IBC02	B20
2585	ALKYLSULPHONIC ACIDS, SOLID or ARYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid	8	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2586	ALKYLSULPHONIC ACIDS, LIQUID or ARYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid	8	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2587	BENZOQUINONE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
2588	PESTICIDE, SOLID, TOXIC, N.O.S.	6.1	–	I	61 274	0	E5	P002	–	IBC99	–
2588	PESTICIDE, SOLID, TOXIC, N.O.S.	6.1	–	II	61 274	500 g	E4	P002	–	IBC08	B4 B21
2588	PESTICIDE, SOLID, TOXIC, N.O.S.	6.1	–	III	61 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
2589	VINYL CHLOROACETATE	6.1	3	II	–	100 mL	E4	P001	–	IBC02	–
2590	ASBESTOS, CHRYSOTILE	9	–	III	168	5 kg	E1	P002	PP37	IBC08	B3 B21
2591	XENON, REFRIGERATED LIQUID	2.2	–	–	–	120 mL	E1	P203	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T8	TP2 TP13	F-A, S-B	Category B	
–	T1	TP33	F-A, S-B	Category A	
–	T4	TP1	F-A, S-B	Category B	
–	T3	TP33	F-A, S-A	Category A	
–	T6	TP33	F-A, S-A	Category A SW2	
–	T3	TP33	F-A, S-A	Category A SW2	
–	T1	TP33	F-A, S-A	Category A SW2	
–	T7	TP2	F-E, S-D	Category A	
–	T1	TP33	F-A, S-A	Category A SW2 H4	
–	T75	TP5	F-C, S-V	Category D	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2603	CYCLOHEPTATRIENE	3	6.1	II	–	1 L	E2	P001	–	IBC02	–
2604	BORON TRIFLUORIDE DIETHYL ETHERATE	8	3	I	–	0	E0	P001	PP31	–	–
2605	METHOXYMETHYL ISOCYANATE	6.1	3	I	354	0	E0	P602	–	–	–
2606	METHYL ORTHOSILICATE	6.1	3	I	354	0	E0	P602	–	–	–
2607	ACROLEIN DIMER, STABILIZED	3	–	III	386	5 L	E1	P001 LP01	–	IBC03	–
2608	NITROPROPANES	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2609	TRIALLYL BORATE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2610	TRIALLYLAMINE	3	8	III	–	5 L	E1	P001	–	IBC03	–
2611	PROPYLENE CHLOROHYDRIN	6.1	3	II	–	100 mL	E4	P001	–	IBC02	–
2612	METHYL PROPYL ETHER	3	–	II	–	1 L	E2	P001	–	IBC02	B8
2614	METHALLYL ALCOHOL	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2615	ETHYL PROPYL ETHER	3	–	II	–	1 L	E2	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T7	TP1 TP13	F-E, S-D	Category E SW2	
–	T10	TP2	F-E, S-C	Category D SW2	
–	T20	TP2 TP13	F-E, S-D	Category D SW2	
–	T20	TP2 TP13	F-E, S-D	Category D SW2	
–	T2	TP1	F-E, S-D	Category C SW1 SW2	
–	T2	TP1	F-E, S-D	Category A	
–	–	–	F-A, S-A	Category A H1	
–	T4	TP1	F-E, S-C	Category A SW2	
–	T7	TP2 TP13	F-E, S-D	Category A SW1 SW2 H2	
–	T7	TP2	F-E, S-D	Category E SW2	
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category E	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2620	AMYL BUTYRATES	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2621	ACETYL METHYL CARBINOL	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2622	GLYCIDALDEHYDE	3	6.1	II	–	1 L	E2	P001	–	IBC02	B8
2623	FIRELIGHTERS, SOLID with flammable liquid	4.1	–	III	–	5 kg	E1	P002 LP02	PP15	–	–
2624	MAGNESIUM SILICIDE	4.3	–	II	–	500 g	E2	P410	PP31 PP40	IBC07	B4 B21
2626	CHLORIC ACID, AQUEOUS SOLUTION with not more than 10% chloric acid	5.1	–	II	900	1 L	E0	P504	PP31	IBC02	–
2627	NITRITES, INORGANIC, N.O.S.	5.1	–	II	274 900	1 kg	E2	P002	–	IBC08	B4 B21
2628	POTASSIUM FLUOROACETATE	6.1	–	I	–	0	E5	P002	–	IBC07	B1
2629	SODIUM FLUOROACETATE	6.1	–	I	–	0	E5	P002	–	IBC07	B1
2630	SELENATES or SELENITES	6.1	–	I	274	0	E5	P002	–	IBC07	B1
2642	FLUOROACETIC ACID	6.1	–	I	–	0	E5	P002	–	IBC07	B1
2643	METHYL BROMOACETATE	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2644	METHYL IODIDE	6.1	–	I	354	0	E0	P602	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T2	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T7	TP1	F-E, S-D	Category A SW2	
–	–	–	F-A, S-I	Category A	
–	T3	TP33	F-G, S-O	Category B SW5 H1	
–	–	–	F-A, S-Q	Category D	
–	T3	TP33	F-A, S-Q	Category A	
–	T6	TP33	F-A, S-A	Category E	
–	T6	TP33	F-A, S-A	Category E	
–	T6	TP33	F-A, S-A	Category E	
–	T6	TP33	F-A, S-A	Category E	
–	T7	TP2	F-A, S-A	Category D SW2	
–	T20	TP2 TP13	F-A, S-A	Category D SW1 SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2650	1,1-DICHLORO-1-NITRO-ETHANE	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2651	4,4'-DIAMINODIPHENYL-METHANE	6.1	– P	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2653	BENZYL IODIDE	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2655	POTASSIUM FLUOROSILICATE	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2656	QUINOLINE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2657	SELENIUM DISULPHIDE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
2659	SODIUM CHLOROACETATE	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2660	NITROTOLUIDINES (MONO)	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2661	HEXACHLOROACETONE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2664	DIBROMOMETHANE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2667	BUTYLTOLUENES	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2668	CHLOROACETONITRILE	6.1	3	I	354	0	E0	P602	–	–	–
2669	CHLOROCRESOLS SOLUTION	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2669	CHLOROCRESOLS SOLUTION	6.1	–	III	223	5 L	E1	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T7	TP2	F-A, S-A	Category A SW1 SW2 H2	
–	T1	TP33	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category B SW1 SW2 H2	
–	T1	TP33	F-A, S-A	Category A	
–	T4	TP1	F-A, S-A	Category A SW1 H2	
–	T3	TP33	F-A, S-A	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	T4	TP1	F-A, S-A	Category B SW1 SW2 H2	
–	T4	TP1	F-A, S-A	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	T20	TP2 TP13	F-A, S-A	Category D SW1 SW2 H2	
–	T7	TP2	F-A, S-A	Category A SW1 H2	
–	T7	TP2	F-A, S-A	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2673	2-AMINO-4-CHLOROPHENOL	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
2674	SODIUM FLUROSILICATE	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2676	STIBINE	2.3	2.1	–	–	0	E0	P200	–	–	–
2677	RUBIDIUM HYDROXIDE SOLUTION	8	–	II	–	1 L	E2	P001	–	IBC02	–
2677	RUBIDIUM HYDROXIDE SOLUTION	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
2678	RUBIDIUM HYDROXIDE	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
2679	LITHIUM HYDROXIDE SOLUTION	8	–	II	–	1 L	E2	P001	–	IBC02	–
2679	LITHIUM HYDROXIDE SOLUTION	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
2680	LITHIUM HYDROXIDE	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
2681	CAESIUM HYDROXIDE SOLUTION	8	–	II	–	1 L	E2	P001	–	IBC02	–
2681	CAESIUM HYDROXIDE SOLUTION	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
2682	CAESIUM HYDROXIDE	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
2683	AMMONIUM SULPHIDE SOLUTION	8	3/6.1	II	–	1 L	E2	P001	–	IBC01	–
2684	3-DIETHYLAMINO-	3	8	III	–	5 L	E1	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-A, S-A	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	–	–	F-D, S-U	Category D SW2	
–	T7	TP2	F-A, S-B	Category A	
–	T4	TP1	F-A, S-B	Category A	
–	T3	TP33	F-A, S-B	Category A	
–	T7	TP2	F-A, S-B	Category A	
–	T4	TP2	F-A, S-B	Category A	
–	T3	TP33	F-A, S-B	Category A	
–	T7	TP2	F-A, S-B	Category A	
–	T4	TP1	F-A, S-B	Category A	
–	T3	TP33	F-A, S-B	Category A	
–	T7	TP2 TP13	F-E, S-C	Category B SW1 H2	
–	T4	TP1	F-E, S-C	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2689	GLYCEROL <i>alpha</i> -MONOCHLOROHYDRIN	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2690	<i>N,n</i> -BUTYLIMIDAZOLE	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2691	PHOSPHORUS PENTABROMIDE	8	–	II	–	1 kg	E0	P002	–	IBC08	B4 B21
2692	BORON TRIBROMIDE	8	–	I	–	0	E0	P602	–	–	–
2693	BISULPHITES, AQUEOUS SOLUTION, N.O.S.	8	–	III	274	5 L	E1	P001 LP01	–	IBC03	–
2698	TETRAHYDROPHthalic ANHYDRIDES with more than 0.05% maleic anhydride	8	–	III	29 169 939 973	5 kg	E1	P002 LP02	PP14	IBC08	B3
2699	TRIFLUOROACETIC ACID	8	–	I	–	0	E0	P001	–	–	–
2705	1-PENTOL	8	–	II	–	1 L	E2	P001	–	IBC02	–
2707	DIMETHYLDIOXANES	3	–	II	–	1 L	E2	P001	–	IBC02	–
2707	DIMETHYLDIOXANES	3	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
2709	BUTYLBENZENES	3	– P	III	–	5 L	E1	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category A	
–	T3	TP33	F-A, S-B	Category B SW1 SW2 H2	
–	T20	TP2 TP13	F-A, S-B	Category C SW1 H2	
–	T7	TP1 TP28	F-A, S-B	Category A SW2	
–	T1	TP33	F-A, S-B	Category A	
–	T10	TP2	F-A, S-B	Category B SW1 SW2 H2	
–	T7	TP2	F-A, S-B	Category B	
–	T4	TP1	F-E, S-D	Category B	
–	T2	TP1	F-E, S-D	Category A	
–	T2	TP2	F-E, <u>S-D</u>	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2717	CAMPHOR, synthetic	4.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2719	BARIUM BROMATE	5.1	6.1	II	–	1 kg	E2	P002	–	IBC08	B4 B21
2720	CHROMIUM NITRATE	5.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2721	COPPER CHLORATE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
2722	LITHIUM NITRATE	5.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2723	MAGNESIUM CHLORATE	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
2724	MANGANESE NITRATE	5.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2725	NICKEL NITRATE	5.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2726	NICKEL NITRITE	5.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T1	TP33	F-A, S-I	Category A	
–	T3	TP33	F-H, S-Q	Category A	
–	T1	TP33	F-A, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category A	
–	T1	TP33	F-A, S-Q	Category A	
–	T3	TP33	F-H, S-Q	Category A	
–	T1	TP33	F-A, S-Q	Category A	
–	T1	TP33	F-A, S-Q	Category A	
–	T1	TP33	F-A, S-Q	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2733	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	3	8	I	274	0	E0	P001	–	–	–
2733	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	3	8	II	274	1 L	E2	P001	–	IBC02	–
2733	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	3	8	III	223 274	5 L	E1	P001	–	IBC03	–
2734	AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	8	3	I	274	0	E0	P001	–	–	–
2734	AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	8	3	II	274	1 L	E2	P001	–	IBC02	–
2735	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	–	I	274	0	E0	P001	–	–	–
2735	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	–	II	274	1 L	E2	P001	–	IBC02	–
2735	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
2738	N-BUTYLANILINE	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2739	BUTYRIC ANHYDRIDE	8	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2740	n-PROPYL CHLOROFORMATE	6.1	3/8	I	–	0	E0	P602	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T14	TP1 TP27	F-E, S-C	Category D SW2	
–	T11	TP1 TP27	F-E, S-C	Category B SW2	
–	T7	TP1 TP28	F-E, S-C	Category A SW2	
–	T14	TP2 TP27	F-E, S-C	Category A	
–	T11	TP2 TP27	F-E, S-C	Category A	
–	T14	TP2 TP27	F-A, S-B	Category A	
–	T11	TP1 TP27	F-A, S-B	Category A	
–	T7	TP1 TP28	F-A, S-B	Category A	
–	T7	TP2	F-A, S-A	Category A	
–	T4	TP1	F-A, S-B	Category A	
–	T20	TP2 TP13	F-E, S-C	Category B SW2	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2742	CHLOROFORMATES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.	6.1	3/8	II	274	100 mL	E4	P001	–	IBC01	–
2743	n-BUTYL CHLOROFORMATE	6.1	3/8	II	–	100 mL	E0	P001	–	–	–
2744	CYCLOBUTYL CHLOROFORMATE	6.1	3/8	II	–	100 mL	E4	P001	–	IBC01	–
2745	CHLOROMETHYL CHLOROFORMATE	6.1	8	II	–	100 mL	E4	P001	–	IBC02	–
2746	PHENYL CHLOROFORMATE	6.1	8	II	–	100 mL	E4	P001	–	IBC02	–
2747	tert-BUTYLCYCLOHEXYL CHLOROFORMATE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2748	2-ETHYLHEXYL CHLOROFORMATE	6.1	8	II	–	100 mL	E4	P001	–	IBC02	–
2749	TETRAMETHYLSILANE	3	–	I	–	0	E0	P001	–	–	–
2750	1,3-DICHLOROPROPANOL-2	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2751	DIETHYL THIOPHOSPHORYL	8	–	II	–	1 L	E2	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-E, S-C	Category A SW1 SW2 H1 H2	
–	T20	TP2 TP13	F-E, S-C	Category A SW1 SW2 H1 H2	
–	T7	TP2 TP13	F-E, S-C	Category A SW1 SW2 H1 H2	
–	T7	TP2 TP13	F-A, S-B	Category A SW1 SW2 H1 H2	
–	T7	TP2 TP13	F-A, S-B	Category A SW1 SW2 H1 H2	
–	T4	TP1	F-A, S-A	Category A SW1 H1 H2	
–	T7	TP2 TP13	F-A, S-B	Category A SW1 SW2 H1 H2	
–	T14	TP2	F-E, S-D	Category D	
–	T7	TP2	F-A, S-A	Category A SW1 SW2 H2	
–	T7	TP2	F-A, S-B	Category D	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2757	CARBAMATE PESTICIDE, SOLID, TOXIC	6.1	–	III	61 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
2758	CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	I	61 274	0	E0	P001	–	–	–
2758	CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	II	61 274	1 L	E2	P001	–	IBC02	–
2759	ARSENICAL PESTICIDE, SOLID, TOXIC	6.1	–	I	61 274	0	E5	P002	–	IBC07	B1
2759	ARSENICAL PESTICIDE, SOLID, TOXIC	6.1	–	II	61 274	500 g	E4	P002	–	IBC08	B4 B21
2759	ARSENICAL PESTICIDE, SOLID, TOXIC	6.1	–	III	61 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
2760	ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	I	61 274	0	E0	P001	–	–	–
2760	ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	II	61 274	1 L	E2	P001	–	IBC02	–
2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	6.1	–	I	61 274	0	E5	P002	–	IBC07	B1
2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	6.1	–	II	61 274	500 g	E4	P002	–	IBC08	B4 B21
2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	6.1	–	III	61 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
2762	ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	I	61 274	0	E0	P001	–	–	–
2762	ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	II	61 274	1 L	E2	P001	–	IBC02	–
2763	TRIAZINE PESTICIDE, SOLID, TOXIC	6.1	–	I	61 274	0	E5	P002	–	IBC07	B1
2763	TRIAZINE PESTICIDE, SOLID, TOXIC	6.1	–	II	61 274	500 g	E4	P002	–	IBC08	B4 B21
2763	TRIAZINE PESTICIDE, SOLID,	6.1	–	III	61	5 kg	E1	P002	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T1	TP33	F-A, S-A	Category A SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T6	TP33	F-A, S-A	Category A SW2	
–	T3	TP33	F-A, S-A	Category A SW2	
–	T1	TP33	F-A, S-A	Category A SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T6	TP33	F-A, S-A	Category A SW2	
–	T3	TP33	F-A, S-A	Category A SW2	
–	T1	TP33	F-A, S-A	Category A SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T6	TP33	F-A, S-A	Category A SW2	
–	T3	TP33	F-A, S-A	Category A SW2	
–	T3	TP33	F-A, S-A	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2772	THIOCARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	I	61 274	0	E0	P001	–	–	–
2772	THIOCARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	II	61 274	1 L	E2	P001	–	IBC02	–
2775	COPPER BASED PESTICIDE, SOLID, TOXIC	6.1	–	I	61 274	0	E5	P002	–	IBC07	B1
2775	COPPER BASED PESTICIDE, SOLID, TOXIC	6.1	–	II	61 274	500 g	E4	P002	–	IBC08	B4 B21
2775	COPPER BASED PESTICIDE, SOLID, TOXIC	6.1	–	III	61 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
2776	COPPER BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	I	61 274	0	E0	P001	–	–	–
2776	COPPER BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	II	61 274	1 L	E2	P001	–	IBC02	–
2777	MERCURY BASED PESTICIDE, SOLID, TOXIC	6.1	– P	I	61 274	0	E5	P002	–	IBC07	B1
2777	MERCURY BASED PESTICIDE, SOLID, TOXIC	6.1	– P	II	61 274	500 g	E4	P002	–	IBC08	B4 B21
2777	MERCURY BASED PESTICIDE, SOLID, TOXIC	6.1	– P	III	61 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
2778	MERCURY BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1 P	I	61 274	0	E0	P001	–	–	–
2778	MERCURY BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1 P	II	61 274	1 L	E2	P001	–	IBC02	–
2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	6.1	–	I	61 274	0	E5	P002	–	IBC07	B1
2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	6.1	–	II	61 274	500 g	E4	P002	–	IBC08	B4 B21
2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	6.1	–	III	61 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
2780	SUBSTITUTED NITROPHENOL	3	6.1	I	61	0	E0	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T6	TP33	F-A, S-A	Category A SW2	
–	T3	TP33	F-A, S-A	Category A SW2	
–	T1	TP33	F-A, S-A	Category A SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T6	TP33	F-A, <u>S-A</u>	Category A SW2	
–	T3	TP33	F-A, <u>S-A</u>	Category A SW2	
–	T1	TP33	F-A, <u>S-A</u>	Category A SW2	
–	T14	TP2 TP13 TP27	F-E, <u>S-D</u>	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, <u>S-D</u>	Category B SW2	
–	T6	TP33	F-A, S-A	Category A SW2	
–	T3	TP33	F-A, S-A	Category A SW2	
–	T1	TP33	F-A, S-A	Category A SW2	
–	T14	TP2	F-E, S-D	Category B	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2782	BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	I	61 274	0	E0	P001	–	–	–
2782	BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	II	61 274	1 L	E2	P001	–	IBC02	–
2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	6.1	–	I	61 274	0	E5	P002	–	IBC07	B1
2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	6.1	–	II	61 274	500 g	E4	P002	–	IBC08	B4 B21
2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	6.1	–	III	61 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
2784	ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	I	61 274	0	E0	P001	–	–	–
2784	ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	II	61 274	1 L	E2	P001	–	IBC02	–
2785	4-THIAPENTANAL	6.1	–	III	–	5 L	E1	P001 LP01	PP31	IBC03	–
2786	ORGANOTIN PESTICIDE, SOLID, TOXIC	6.1	– P	I	61 274	0	E5	P002	–	IBC07	B1
2786	ORGANOTIN PESTICIDE, SOLID, TOXIC	6.1	– P	II	61 274	500 g	E4	P002	–	IBC08	B4 B21
2786	ORGANOTIN PESTICIDE, SOLID, TOXIC	6.1	– P	III	61 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
2787	ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1 P	I	61 274	0	E0	P001	–	–	–
2787	ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1 P	II	61 274	1 L	E2	P001	–	IBC02	–
2788	ORGANOTIN COMPOUND, LIQUID, N.O.S.	6.1	– P	I	43 274	0	E5	P001	–	–	–
2788	ORGANOTIN COMPOUND	6.1	–	II	43	100 ml	E4	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T6	TP33	F-A, S-A	Category A SW2	
–	T3	TP33	F-A, S-A	Category A SW2	
–	T1	TP33	F-A, S-A	Category A SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T4	TP1	F-A, S-A	Category D SW1	
–	T6	TP33	F-A, <u>S-A</u>	Category A SW2	
–	T3	TP33	F-A, <u>S-A</u>	Category A SW2	
–	T1	TP33	F-A, <u>S-A</u>	Category A SW2	
–	T14	TP2 TP13 TP27	F-E, <u>S-D</u>	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, <u>S-D</u>	Category B SW2	
–	T14	TP2 TP13 TP27	F-A, <u>S-A</u>	Category A SW2	
–	T11	TP2	F-A, S-A	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2793	FERROUS METAL BORINGS, SHAVINGS, TURNINGS or CUTTINGS in a form liable to self-heating	4.2	–	III	223 931	0	E1	P003 LP02	PP20 PP100 L3	IBC08	B4 B6
2794	BATTERIES, WET, FILLED WITH ACID, electric storage	8	–	–	295	1 L	E0	P801	–	–	–
2795	BATTERIES, WET, FILLED WITH ALKALI, electric storage	8	–	–	295	1 L	E0	P801	–	–	–
△ 2796	SULPHURIC ACID with not more than 51% acid or BATTERY FLUID, ACID	8	–	II	–	1 L	E2	P001	–	IBC02	B20
2797	BATTERY FLUID, ALKALI	8	–	II	–	1 L	E2	P001	–	IBC02	–
2798	PHENYLPHOSPHORUS DICHLORIDE	8	–	II	–	1 L	E0	P001	–	IBC02	–
2799	PHENYLPHOSPHORUS THIODICHLORIDE	8	–	II	–	1 L	E0	P001	–	IBC02	–
2800	BATTERIES, WET, NON-SPILLABLE, electric storage	8	–	–	238	1 L	E0	P003	PP16	–	–
2801	DYE, LIQUID, CORROSIVE, N.O.S. or DYE INTERMEDIATE,	8	–	I	274	0	E0	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	BK2	–	F-G, S-J	Category A H1	
–	–	–	F-A, S-B	Category A SW16	
–	–	–	F-A, S-B	Category A SW16	
–	T8	TP2	F-A, S-B	Category B	
–	T7	TP2 TP28	F-A, S-B	Category A	
–	T7	TP2	F-A, S-B	Category B SW2	
–	T7	TP2	F-A, S-B	Category B SW2	
–	–	–	F-A, S-B	Category A	
–	T14	TP2 TP27	F-A, S-B	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2805	LITHIUM HYDRIDE, FUSED SOLID	4.3	–	II	–	500 g	E2	P410	PP31 PP40	IBC04	–
2806	LITHIUM NITRIDE	4.3	–	I	–	0	E0	P403	PP31	IBC04	B1
2807	MAGNETIZED MATERIAL	9	–	–	960	–	–	–	–	–	–
2809	MERCURY	8	6.1	III	365	5 kg	E0	P800	–	–	–
2810	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	–	I	274 315	0	E5	P001	–	–	–
2810	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	–	II	274	100 mL	E4	P001	–	IBC02	–
2810	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
2811	TOXIC SOLID, ORGANIC, N.O.S.	6.1	–	I	274	0	E5	P002	–	IBC99	–
2811	TOXIC SOLID, ORGANIC, N.O.S.	6.1	–	II	274	500 g	E4	P002	–	IBC08	B4 B21
2811	TOXIC SOLID, ORGANIC, N.O.S.	6.1	–	III	223 274	5 kg	E1	P002	–	IBC08	B3
2812	SODIUM ALUMINATE, SOLID	8	–	–	960	–	–	–	–	–	–
2813	WATER-REACTIVE SOLID, N.O.S.	4.3	–	I	274	0	E0	P403	PP31	IBC99	–
2813	WATER-REACTIVE SOLID, N.O.S.	4.3	–	II	274	500 g	E2	P410	PP31 PP40	IBC07	B4 B21
2813	WATER-REACTIVE SOLID, N.O.S.	4.3	–	III	223 274	1 kg	E1	P410	PP31	IBC08	B4
2814	INFECTIOUS SUBSTANCE, AFFECTING HUMANS	6.2	–	–	318 341	0	E0	P620	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-G, S-N	Category E H1	
–	–	–	F-A, S-O	Category E	
–	–	–	–	–	
–	–	–	F-A, S-B	Category B SW2	
–	T14	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T11	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T7	TP1 TP28	F-A, S-A	Category A SW2	
–	T6	TP33	F-A, S-A	Category B	
–	T3	TP33	F-A, S-A	Category B	
–	T1	TP33	F-A, S-A	Category A	
–	–	–	–	–	
–	T9	TP7 TP33	F-G, S-N	Category E SW2 H1	
–	T3	TP33	F-G, S-N	Category E SW2 H1	
–	T1	TP33	F-G, S-N	Category E SW2 H1	
–	BK2	–	F-A, S-T	Category E SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2818	AMMONIUM POLYSULPHIDE SOLUTION	8	6.1	II	–	1 L	E2	P001	–	IBC02	–
2818	AMMONIUM POLYSULPHIDE SOLUTION	8	6.1	III	223	5 L	E1	P001	–	IBC03	–
2819	AMYL ACID PHOSPHATE	8	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2820	BUTYRIC ACID	8	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2821	PHENOL SOLUTION	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2821	PHENOL SOLUTION	6.1	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
2822	2-CHLOROPYRIDINE	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2823	CROTONIC ACID, SOLID	8	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3 B21
2826	ETHYL CHLOROTHIOFORMATE	8	3 P	II	–	0	E0	P001	–	–	–
2829	CAPROIC ACID	8	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2830	LITHIUM FERROSILICON	4.3	–	II	–	500 g	E2	P410	PP31 PP40	IBC07	B4 B21
2831	1,1,1-TRICHLOROETHANE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2834	PHOSPHOROUS ACID	8	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T7	TP2 TP13	F-A, S-B	Category B SW1 SW2 H2	
–	T4	TP1 TP13	F-A, S-B	Category B SW1 SW2 H2	
–	T4	TP1	F-A, S-B	Category A	
–	T4	TP1	F-A, S-B	Category A SW1 H2	
–	T7	TP2	F-A, S-A	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category A SW2	
–	T1	TP33	F-A, S-B	Category A SW1 H2	
–	T7	TP2	F-E, S-C	Category A SW2	
–	T4	TP1	F-A, S-B	Category A	
–	T3	TP33	F-G, S-N	Category E SW2 SW5 H1	
–	T4	TP1	F-A, S-A	Category A SW2	
–	T1	TP33	F-A, S-B	Category A SW1	

Part 3 – Dangerous Goods List, special provisions and exceptions

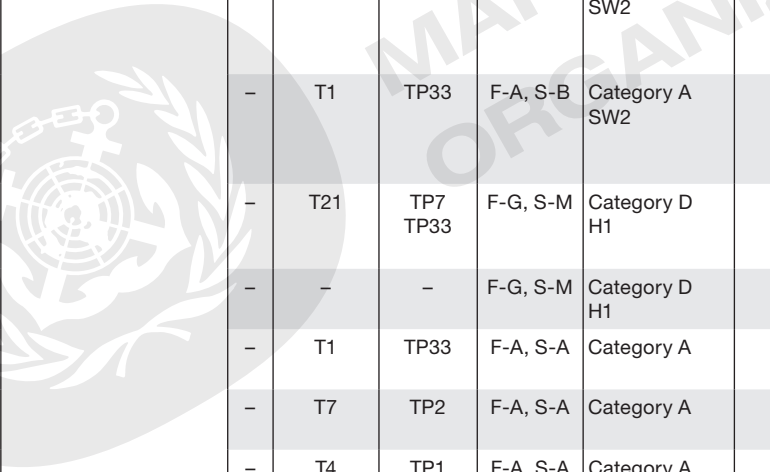
UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2840	BUTYRALDOXIME	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2841	DI- <i>n</i> -AMYLAMINE	3	6.1	III	–	5 L	E1	P001	–	IBC03	–
2842	NITROETHANE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2844	CALCIUM MANGANESE SILICON	4.3	–	III	–	1 kg	E1	P410	PP31	IBC08	B4
2845	PYROPHORIC LIQUID, ORGANIC, N.O.S.	4.2	–	I	274	0	E0	P400	–	–	–
2846	PYROPHORIC SOLID, ORGANIC, N.O.S.	4.2	–	I	274	0	E0	P404	PP31	–	–
2849	3-CHLOROPROPANOL-1	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2850	PROPYLENE TETRAMER	3	– P	III	–	5 L	E1	P001 LP01	–	IBC03	–
2851	BORON TRIFLUORIDE DIHYDRATE	8	–	II	–	1 L	E2	P001	–	IBC02	–
2852	DIPICRYL SULPHIDE, WETTED with not less than 10% water, by mass	4.1	–	I	28	0	E0	P406	PP24 PP31	–	–
2853	MAGNESIUM FLUOROSILICATE	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2854	AMMONIUM FLUOROSILICATE	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2855	ZINC FLUOROSILICATE	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2856	FLUOROSILICATES, N.O.S.	6.1	–	III	274	5 kg	E1	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	T2	TP1	F-E, S-D	Category A	
–	T4	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T1	TP33	F-G, S-N	Category A SW5 H1	
–	T22	TP2 TP7	F-G, S-M	Category D H1	
–	–	–	F-G, S-M	Category D H1	
–	T4	TP1	F-A, S-A	Category A	
–	T2	TP2	F-E, S-E	Category A	
–	T7	TP2	F-A, S-B	Category B SW1 SW2 H2	
–	–	–	F-B, S-J	Category D	
–	T1	TP33	F-A, S-A	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	T1	TP33	F-A, S-A	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2861	AMMONIUM POLYVANADATE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
2862	VANADIUM PENTOXIDE, non-fused form	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2863	SODIUM AMMONIUM VANADATE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
2864	POTASSIUM METAVANADATE	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
2865	HYDROXYLAMINE SULPHATE	8	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2869	TITANIUM TRICHLORIDE MIXTURE	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
2869	TITANIUM TRICHLORIDE MIXTURE	8	–	III	223	5 kg	E1	P002 LP02	–	IBC08	B3
2870	ALUMINIUM BOROHYDRIDE	4.2	4.3	I	–	0	E0	P400	–	–	–
2870	ALUMINIUM BOROHYDRIDE IN DEVICES	4.2	4.3	I	–	0	E0	P002	PP13	–	–
2871	ANTIMONY POWDER	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2872	DIBROMOCHLOROPROPANES	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2872	DIBROMOCHLOROPROPANES	6.1	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
2873	DIBUTYLAMINOETHANOL	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2874	FURFURYL ALCOHOL	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2875	HEXACHLOROPHENE	6.1	–	III	–	5 kg	E1	P002	–	IBC08	B3

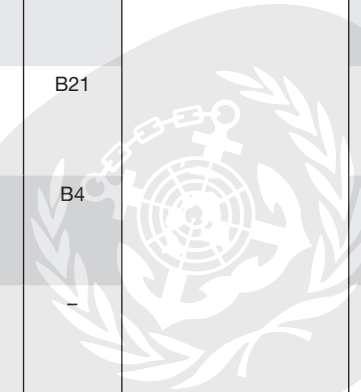
Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-A, S-A	Category A	
–	T1	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T1	TP33	F-A, S-B	Category A	
–	T3	TP33	F-A, S-B	Category A SW2	
–	T1	TP33	F-A, S-B	Category A SW2	
–	T21	TP7 TP33	F-G, S-M	Category D H1	
–	–	–	F-G, S-M	Category D H1	
–	T1	TP33	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	T1	TP33	F-A, S-A	Category A	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2880	CALCIUM HYPOCHLORITE, HYDRATED or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE with not less than 5.5% but not more than 16% water	5.1	– P	II	314 322	1 kg	E2	P002	PP85	–	–
2880	CALCIUM HYPOCHLORITE, HYDRATED or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE with not less than 5.5% but not more than 16% water	5.1	– P	III	223 314	5 kg	E1	P002	PP85	–	–
2881	METAL CATALYST, DRY	4.2	–	I	274	0	E0	P404	PP31	–	–
2881	METAL CATALYST, DRY	4.2	–	II	274	0	E0	P410	PP31	IBC06	B21
2881	METAL CATALYST, DRY	4.2	–	III	223 274	0	E1	P002 LP02	PP31 L4	IBC08	B4
2900	INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only	6.2	–	–	318 341	0	E0	P620	–	–	–
2901	BROMINE CHLORIDE	2.3	5.1/8	–	–	0	E0	P200	–	–	–
2902	PESTICIDE, LIQUID, TOXIC, N.O.S.	6.1	–	I	61 274	0	E5	P001	–	–	–
2902	PESTICIDE, LIQUID, TOXIC, N.O.S.	6.1	–	II	61 274	100 mL	E4	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-H, S-Q	Category D SW1 SW11	
–	–	–	F-H, S-Q	Category D SW1 SW11	
–	T21	TP7 TP33	F-G, S-M	Category C H1	
–	T3	TP33	F-G, S-M	Category C H1	
–	T1	TP33	F-G, S-M	Category C H1	
–	BK2	–	F-A, S-T	Category E SW2 H1 H5	
–	–	–	F-C, S-W	Category D SW2	
–	T14	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T11	TP2 TP13	F-A, S-A	Category B SW2	



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Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2904	CHLOROPHENOLATES, LIQUID or PHENOLATES, LIQUID	8	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2905	CHLOROPHENOLATES, SOLID or PHENOLATES, SOLID	8	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
2907	ISOSORBIDE DINITRATE MIXTURE with not less than 60% lactose, mannose, starch, or calcium hydrogen phosphate	4.1	–	II	127	0	E0	P406	PP26 PP80	IBC06	B12 B21
2908	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – EMPTY PACKAGING	7	See SP290	–	290 368	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2909	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – ARTICLES MANUFACTURED FROM NATURAL URANIUM or DEPLETED URANIUM or NATURAL THORIUM	7	See SP290	–	290	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2910	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – LIMITED QUANTITY OF MATERIAL	7	See SP290	–	290 368	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2911	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – INSTRUMENTS or ARTICLES	7	See SP290	–	290	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2912	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), non fissile or fissile-excepted	7	See SP172	–	172 317 325	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2913	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I, SCO-II or SCO-III), non fissile or fissile-excepted	7	See SP172	–	172 317 325	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2915	RADIOACTIVE MATERIAL, TYPE A PACKAGE, non-special form, non fissile or fissile-excepted	7	See SP172	–	172 317 325	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2916	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, non fissile or fissile-excepted	7	See SP172	–	172 317 325	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2917	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, non fissile or fissile-excepted	7	See SP172	–	172 317 325	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-A, S-B	Category A	
–	T1	TP33	F-A, S-B	Category A	
–	–	–	F-A, S-J	Category E	
–	–	–	F-I, S-S	Category A	
–	–	–	F-I, S-S	Category A	
–	–	–	F-I, S-S	Category A	
–	–	–	F-I, S-S	Category A	
–	T5	TP4	F-I, S-S	Category A SW20 SW21	
–	T5	TP4	F-I, S-S	Category A	
–	–	–	F-I, S-S	Category A SW20 SW21	
–	–	–	F-I, S-S	Category A SW12	
–	–	–	F-I, S-S	Category A SW12	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2922	CORROSIVE LIQUID, TOXIC, N.O.S.	8	6.1	I	274	0	E0	P001	–	–	–
2922	CORROSIVE LIQUID, TOXIC, N.O.S.	8	6.1	II	274	1 L	E2	P001	–	IBC02	–
2922	CORROSIVE LIQUID, TOXIC, N.O.S.	8	6.1	III	223 274	5 L	E1	P001	–	IBC03	–
2923	CORROSIVE SOLID, TOXIC, N.O.S.	8	6.1	I	274	0	E0	P002	–	IBC99	–
2923	CORROSIVE SOLID, TOXIC, N.O.S.	8	6.1	II	274	1 kg	E2	P002	–	IBC08	B4 B21
2923	CORROSIVE SOLID, TOXIC, N.O.S.	8	6.1	III	223 274	5 kg	E1	P002	–	IBC08	B3
2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	8	I	274	0	E0	P001	–	–	–
2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	8	II	274	1 L	E2	P001	–	IBC02	–
2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	8	III	223 274	5 L	E1	P001	–	IBC03	–
2925	FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.	4.1	8	II	274	1 kg	E2	P002	–	IBC06	B21
2925	FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.	4.1	8	III	223 274	5 kg	E1	P002	–	IBC06	–
2926	FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.	4.1	6.1	II	274	1 kg	E2	P002	–	IBC06	B21
2926	FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.	4.1	6.1	III	223 274	5 kg	E1	P002	–	IBC06	–
2927	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	6.1	8	I	274 315	0	E5	P001	–	–	–
2927	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	6.1	8	II	274	100 mL	E4	P001	–	IBC02	–
2928	TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.	6.1	8	I	274	0	E5	P002	–	IBC99	–
2928	TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.	6.1	8	II	274	500 g	E4	P002	–	IBC06	B21
2929	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1	3	I	274 315	0	E5	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T14	TP2 TP13 TP27	F-A, S-B	Category B SW2	
–	T7	TP2	F-A, S-B	Category B SW2	
–	T7	TP1 TP28	F-A, S-B	Category B SW2	
–	T6	TP33	F-A, S-B	Category B SW2	
–	T3	TP33	F-A, S-B	Category B SW2	
–	T1	TP33	F-A, S-B	Category B SW2	
–	T14	TP2	F-E, S-C	Category E SW2	
–	T11	TP2 TP27	F-E, S-C	Category B SW2	
–	T7	TP1 TP28	F-E, S-C	Category A SW2	
–	T3	TP33	F-A, S-G	Category D SW2	
–	T1	TP33	F-A, S-G	Category D SW2	
–	T3	TP33	F-A, S-G	Category B SW2	
–	T1	TP33	F-A, S-G	Category B SW2	
–	T14	TP2 TP13 TP27	F-A, S-B	Category B SW2	
–	T11	TP2 TP27	F-A, S-B	Category B SW2	
–	T6	TP33	F-A, S-B	Category B SW2	
–	T3	TP33	F-A, S-B	Category B SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2935	ETHYL 2-CHLOROPROPIONATE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2936	THIOLACTIC ACID	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2937	alpha-METHYLBENZYL ALCOHOL, LIQUID	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2940	9-PHOSPHABICYCLONONANES (CYCLOOCTADIENE-PHOSPHINES)	4.2	–	II	–	0	E2	P410	PP31	IBC06	B21
2941	FLUOROANILINES	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2942	2-TRIFLUOROMETHYLANILINE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2943	TETRAHYDRO-FURFURYLAMINE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2945	N-METHYLBUTYLAMINE	3	8	II	–	1 L	E2	P001	–	IBC02	–
2946	2-AMINO-5-DIETHYLAMINO-PENTANE	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2947	ISOPROPYL CHLOROACETATE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
2948	3-TRIFLUOROMETHYLANILINE	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
2949	SODIUM HYDROSULPHIDE, HYDRATED with not less than 25% water of crystallization	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
2950	MAGNESIUM GRANULES, COATED, particle size not less than 149 microns	4.3	–	III	920	1 kg	E1	P410	PP100	IBC08	B4
2956	5-tert-BUTYL-2,4,6-TRINITRO-m-XYLENE (MUSK XYLENE)	4.1	–	III	133	0	E0	P409	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T2	TP1	F-E, S-D	Category A	
–	T7	TP2	F-A, S-A	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	T3	TP33	F-A, S-J	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	–	–	F-A, S-A	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T7	TP1	F-E, S-C	Category B SW2	
–	T4	TP1	F-A, S-A	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T7	TP2	F-A, S-A	Category A SW2	
–	T7	TP2	F-A, S-B	Category A	
–	T1 BK2	TP33	F-G, S-O	Category A H1	
–	–	–	F-B, S-G	Category D SW1 SW2 H2 H3	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2969	CASTOR BEANS or CASTOR MEAL or CASTOR POMACE or CASTOR FLAKE	9	–	II	141	5 kg	E2	P002	PP34	IBC08	B4 B21
2977	RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, FISSILE	7	6.1/8	–	–	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2978	RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE non fissile or fissile-excepted	7	6.1/8	–	317	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2983	ETHYLENE OXIDE AND PROPYLENE OXIDE MIXTURE with not more than 30% ethylene oxide	3	6.1	I	–	0	E0	P001	–	–	–
2984	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8% but less than 20% hydrogen peroxide (stabilized as necessary)	5.1	–	III	65	5 L	E1	P504	–	IBC02	B5
2985	CHLOROSILANES, FLAMMABLE, CORROSIVE, N.O.S.	3	8	II	–	0	E0	P010	–	–	–
2986	CHLOROSILANES, CORROSIVE, FLAMMABLE, N.O.S.	8	3	II	–	0	E0	P010	–	–	–
2987	CHLOROSILANES, CORROSIVE, N.O.S.	8	–	II	–	0	E0	P010	–	–	–
2988	CHLOROSILANES, WATER-REACTIVE, FLAMMABLE, CORROSIVE, N.O.S.	4.3	3/8	I	–	0	E0	P401	PP31	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3 BK2	TP33	F-A, S-A	Category E SW2	
–	–	–	F-I, S-S	Category B SW2 SW12	
–	–	–	F-I, S-S	Category B SW2 SW12	
–	T14	TP2 TP7 TP13	F-E, S-D	Category E SW1 SW2	
–	T4	TP1 TP6 TP24	F-H, S-Q	Category B SW1	
–	T14	TP2 TP7 TP13 TP27	F-E, S-C	Category B SW2	
–	T14	TP2 TP7 TP13 TP27	F-E, S-C	Category C SW2	
–	T14	TP2 TP7 TP13 TP27	F-A, S-B	Category C SW2	
–	T14	TP2 TP7 TP13	F-G, S-N	Category D SW2 H1	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2990	LIFE-SAVING APPLIANCES, SELF-INFLATING	9	–	–	296	0	E0	P905	–	–	–
2991	CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	I	61 274	0	E5	P001	–	–	–
2991	CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	II	61 274	100 mL	E4	P001	–	IBC02	–
2991	CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	III	61 223 274	5 L	E1	P001 LP01	–	IBC03	–
2992	CARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	–	I	61 274	0	E5	P001	–	–	–
2992	CARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	–	II	61 274	100 mL	E4	P001	–	IBC02	–
2992	CARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	–	III	61 223 274	5 L	E1	P001 LP01	–	IBC03	–
2993	ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	I	61 274	0	E5	P001	–	–	–
2993	ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	II	61 274	100 mL	E4	P001	–	IBC02	–
2993	ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	III	61 223 274	5 L	E1	P001	–	IBC03	–
2994	ARSENICAL PESTICIDE, LIQUID, TOXIC	6.1	–	I	61 274	0	E5	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-A, S-V	Category A	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T7	TP2 TP28	F-E, S-D	Category A SW2	
–	T14	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T11	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T7	TP2 TP28	F-A, S-A	Category A SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T7	TP2 TP28	F-E, S-D	Category A SW2	
–	T14	TP2 TP13 TP27	F-A, S-A	Category B SW2	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	6.1	–	I	61 274	0	E5	P001	–	–	–
2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	6.1	–	II	61 274	100 mL	E4	P001	–	IBC02	–
2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	6.1	–	III	61 223 274	5 L	E1	P001 LP01	–	IBC03	–
2997	TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	I	61 274	0	E5	P001	–	–	–
2997	TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	II	61 274	100 mL	E4	P001	–	IBC02	–
2997	TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	III	61 223 274	5 L	E1	P001	–	IBC03	–
2998	TRIAZINE PESTICIDE, LIQUID, TOXIC	6.1	–	I	61 274	0	E5	P001	–	–	–
2998	TRIAZINE PESTICIDE, LIQUID, TOXIC	6.1	–	II	61 274	100 mL	E4	P001	–	IBC02	–
2998	TRIAZINE PESTICIDE, LIQUID, TOXIC	6.1	–	III	61 223 274	5 L	E1	P001 LP01	–	IBC03	–
3005	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	I	61 274	0	E5	P001	–	–	–
3005	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	II	61 274	100 mL	E4	P001	–	IBC02	–
3005	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	III	61 223 274	5 L	E1	P001	–	IBC03	–
3006	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	–	I	61 274	0	E5	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T14	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T11	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T7	TP2 TP28	F-A, S-A	Category A SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T7	TP2 TP28	F-E, S-D	Category A SW2	
–	T14	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T11	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T7	TP2 TP28	F-A, S-A	Category A SW2	
–	T14	TP2 TP13	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T7	TP2 TP28	F-E, S-D	Category A SW2	
–	T14	TP2 TP13	F-A, S-A	Category B SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3009	COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	III	61 223 274	5 L	E1	P001	–	IBC03	–
3010	COPPER BASED PESTICIDE, LIQUID, TOXIC	6.1	–	I	61 274	0	E5	P001	–	–	–
3010	COPPER BASED PESTICIDE, LIQUID, TOXIC	6.1	–	II	61 274	100 mL	E4	P001	–	IBC02	–
3010	COPPER BASED PESTICIDE, LIQUID, TOXIC	6.1	–	III	61 223 274	5 L	E1	P001 LP01	–	IBC03	–
3011	MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3 P	I	61 274	0	E5	P001	–	–	–
3011	MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3 P	II	61 274	100 mL	E4	P001	–	IBC02	–
3011	MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3 P	III	61 223 274	5 L	E1	P001	–	IBC03	–
3012	MERCURY BASED PESTICIDE, LIQUID, TOXIC	6.1	– P	I	61 274	0	E5	P001	–	–	–
3012	MERCURY BASED PESTICIDE, LIQUID, TOXIC	6.1	– P	II	61 274	100 mL	E4	P001	–	IBC02	–
3012	MERCURY BASED PESTICIDE, LIQUID, TOXIC	6.1	– P	III	61 223 274	5 L	E1	P001 LP01	–	IBC03	–
3013	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	I	61 274	0	E5	P001	–	–	–
3013	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less	6.1	3	II	61 274	100 mL	E4	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T7	TP2 TP28	F-E, S-D	Category A SW2	
–	T14	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T11	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T7	TP2 TP28	F-A, S-A	Category A SW2	
–	T14	TP2 TP13 TP27	F-E, <u>S-D</u>	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, <u>S-D</u>	Category B SW2	
–	T7	TP2 TP28	F-E, <u>S-D</u>	Category A SW2	
–	T14	TP2 TP13 TP27	F-A, <u>S-A</u>	Category B SW2	
–	T11	TP2 TP13 TP27	F-A, <u>S-A</u>	Category B SW2	
–	T7	TP2 TP28	F-A, <u>S-A</u>	Category A SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3015	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	I	61 274	0	E5	P001	–	–	–
3015	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	II	61 274	100 mL	E4	P001	–	IBC02	–
3015	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	III	61 223 274	5 L	E1	P001	–	IBC03	–
3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC	6.1	–	I	61 274	0	E5	P001	–	–	–
3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC	6.1	–	II	61 274	100 mL	E4	P001	–	IBC02	–
3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC	6.1	–	III	61 223 274	5 L	E1	P001 LP01	–	IBC03	–
3017	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	I	61 274	0	E5	P001	–	–	–
3017	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	II	61 274	100 mL	E4	P001	–	IBC02	–
3017	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	III	61 223 274	5 L	E1	P001	–	IBC03	–
3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	6.1	–	I	61 274	0	E5	P001	–	–	–
3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	6.1	–	II	61 274	100 mL	E4	P001	–	IBC02	–
3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	6.1	–	III	61 223 274	5 L	E1	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T7	TP2 TP28	F-E, S-D	Category A SW2	
–	T14	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T11	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T7	TP2 TP28	F-A, S-A	Category A SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T7	TP2 TP28	F-E, S-D	Category A SW2	
–	T14	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T11	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T7	TP2 TP28	F-A, S-A	Category A SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3020	ORGANOTIN PESTICIDE, LIQUID, TOXIC	6.1	– P	II	61 274	100 mL	E4	P001	–	IBC02	–
3020	ORGANOTIN PESTICIDE, LIQUID, TOXIC	6.1	– P	III	61 223 274	5 L	E1	P001 LP01	–	IBC03	–
3021	PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S., flashpoint less than 23°C	3	6.1	I	61 274	0	E0	P001	–	–	–
3021	PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S., flashpoint less than 23°C	3	6.1	II	61 274	1 L	E2	P001	–	IBC02	–
3022	1,2-BUTYLENE OXIDE, STABILIZED	3	–	II	386	1 L	E2	P001	–	IBC02	–
3023	2-METHYL-2-HEPTANETHIOL	6.1	3	I	354	0	E0	P602	–	–	–
3024	COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	I	61 274	0	E0	P001	–	–	–
3024	COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	II	61 274	1 L	E2	P001	–	IBC02	–
3025	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	I	61 274	0	E5	P001	–	–	–
3025	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	II	61 274	100 mL	E4	P001	–	IBC02	–
3025	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	III	61 223 274	5 L	E1	P001	–	IBC03	–
3026	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	–	I	61 274	0	E5	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T11	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T7	TP2 TP28	F-A, S-A	Category A SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T4	TP1	F-E, S-D	Category C SW1	
–	T20	TP2 TP13	F-E, S-D	Category D SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T7	TP1 TP28	F-E, S-D	Category A SW2	
–	T14	TP2 TP13	F-A, S-A	Category B SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3028	BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE, SOLID electric storage	8	–	III	295 304	5 kg	E0	P801	–	–	–
3048	ALUMINIUM PHOSPHIDE PESTICIDE	6.1	–	I	153 930	0	E0	P002	PP31	IBC07	B1
3054	CYCLOHEXYL MERCAPTAN	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
3055	2-(2-AMINOETHOXY)ETHANOL	8	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
3056	n-HEPTALDEHYDE	3	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
3057	TRIFLUOROACETYL CHLORIDE	2.3	8	–	–	0	E0	P200	–	–	–
3064	NITROGLYCERIN SOLUTION IN ALCOHOL with more than 1% but not more than 5% nitroglycerin	3	–	II	359	0	E0	P300	–	–	–
3065	ALCOHOLIC BEVERAGES, with more than 70% alcohol by volume	3	–	II	–	5 L	E2	P001	PP2	IBC02	–
3065	ALCOHOLIC BEVERAGES, with more than 24% but not more than 70% alcohol by volume	3	–	III	144 145 247	5 L	E1	P001	PP2	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-A, S-B	Category A	
–	T6	TP33	F-A, S-A	Category E SW2 SW5	
–	T2	TP1	F-E, S-D	Category A SW2	
–	T4	TP1	F-A, S-B	Category A	
–	T2	TP1	F-E, S-D	Category A	
–	T50	TP21	F-C, S-U	Category D SW2	
–	–	–	F-E, S-D	Category E	
–	T4	TP1	F-E, S-D	Category A	
–	T2	TP1	F-E, S-D	Category A	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3066	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)	8	–	III	163 223 367	5 L	E1	P001	–	IBC03	–
3070	ETHYLENE OXIDE AND DICHLORODIFLUORO-METHANE MIXTURE with not more than 12.5% ethylene oxide	2.2	–	–	392	120 mL	E1	P200	–	–	–
3071	MERCAPTANS, LIQUID, TOXIC, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, TOXIC, FLAMMABLE, N.O.S.	6.1	3	II	274	100 mL	E4	P001	–	IBC02	–
3072	LIFE-SAVING APPLIANCES NOT SELF-INFLATING containing dangerous goods as equipment	9	–	–	296	0	E0	P905	–	–	–
3073	VINYLPYRIDINES, STABILIZED	6.1	3/8	II	386	100 mL	E4	P001	–	IBC01	–
3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	9	–	III	274 335 966 967 969	5 kg	E1	P002 LP02	PP12	IBC08	B3
3078	CERIUM, turnings or gritty powder	4.3	–	II	–	500 g	E2	P410	PP31 PP40	IBC07	B4 B21
3079	METHACRYLONITRILE, STABILIZED	6.1	3	I	354 386	0	E0	P602	–	–	–
3080	ISOCYANATES, TOXIC, FLAMMABLE, N.O.S or ISOCYANATE SOLUTION, TOXIC,	6.1	3	II	274	100 mL	E4	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1 TP29	F-A, S-B	Category A SW2	
–	T50	–	F-C, S-V	Category A	
–	T11	TP2 TP13 TP27	F-E, S-D	Category C SW2	
–	–	–	F-A, S-V	Category A	
–	T7	TP2 TP13	F-E, S-C	Category C SW1 SW2	
–	T1 BK1 BK2 BK3	TP33	F-A, S-F	Category A SW23	
–	T3	TP33	F-G, S-O	Category E H1	
–	T20	TP2 TP13	F-E, S-D	Category D SW1 SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category D SW1 SW2	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3085	OXIDIZING SOLID, CORROSIVE, N.O.S.	5.1	8	I	274	0	E0	P503	–	–	–
3085	OXIDIZING SOLID, CORROSIVE, N.O.S.	5.1	8	II	274	1 kg	E2	P002	–	IBC06	B21
3085	OXIDIZING SOLID, CORROSIVE, N.O.S.	5.1	8	III	223 274	5 kg	E1	P002	–	IBC08	B3
3086	TOXIC SOLID, OXIDIZING, N.O.S.	6.1	5.1	I	274	0	E5	P002	–	–	–
3086	TOXIC SOLID, OXIDIZING, N.O.S.	6.1	5.1	II	274	500 g	E4	P002	–	IBC06	B21
3087	OXIDIZING SOLID, TOXIC, N.O.S.	5.1	6.1	I	274 900	0	E0	P503	–	–	–
3087	OXIDIZING SOLID, TOXIC, N.O.S.	5.1	6.1	II	274 900	1 kg	E2	P002	–	IBC06	B21
3087	OXIDIZING SOLID, TOXIC, N.O.S.	5.1	6.1	III	223 274 900	5 kg	E1	P002	–	IBC08	B3
3088	SELF-HEATING SOLID, ORGANIC, N.O.S.	4.2	–	II	274	0	E2	P410	PP31	IBC06	B21
3088	SELF-HEATING SOLID, ORGANIC, N.O.S.	4.2	–	III	223 274	0	E1	P002 LP02	PP31	IBC08	B3
3089	METAL POWDER, FLAMMABLE, N.O.S.	4.1	–	II	–	1 kg	E2	P002	PP100	IBC08	B4 B21
3089	METAL POWDER, FLAMMABLE, N.O.S.	4.1	–	III	223	5 kg	E1	P002	PP100	IBC08	B4 B21
3090	LITHIUM METAL BATTERIES (including lithium alloy batteries)	9	–	–	188 230 310 376 377 384	0	E0	P903 P908 P909 P910 P911 LP000	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-A, S-Q	Category D H1	
–	T3	TP33	F-A, S-Q	Category B H1	
–	T1	TP33	F-A, S-Q	Category B H1	
–	T6	TP33	F-A, S-Q	Category C	
–	T3	TP33	F-A, S-Q	Category C	
–	–	–	F-A, S-Q	Category D	
–	T3	TP33	F-A, S-Q	Category B	
–	T1	TP33	F-A, S-Q	Category B	
–	T3	TP33	F-A, S-J	Category C	
–	T1	TP33	F-A, S-J	Category C	
–	T3	TP33	F-G, S-G	Category B H1	
–	T1	TP33	F-G, S-G	Category A H1	
–	–	–	F-A, S-I	Category A SW19	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3093	CORROSIVE LIQUID, OXIDIZING, N.O.S.	8	5.1	I	274	0	E0	P001	–	–	–
3093	CORROSIVE LIQUID, OXIDIZING, N.O.S.	8	5.1	II	274	1 L	E2	P001	–	IBC02	–
3094	CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.	8	4.3	I	274	0	E0	P001	–	–	–
3094	CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.	8	4.3	II	274	500 mL	E2	P001	–	–	–
3095	CORROSIVE SOLID, SELF-HEATING, N.O.S.	8	4.2	I	274	0	E0	P002	–	–	–
3095	CORROSIVE SOLID, SELF-HEATING, N.O.S.	8	4.2	II	274	1 kg	E2	P002	–	IBC06	B21
3096	CORROSIVE SOLID, WATER-REACTIVE, N.O.S.	8	4.3	I	274	0	E0	P002	–	–	–
3096	CORROSIVE SOLID, WATER-REACTIVE, N.O.S.	8	4.3	II	274	1 kg	E2	P002	PP100	IBC06	B21
3097	FLAMMABLE SOLID, OXIDIZING, N.O.S.	4.1	5.1	II	274 976	0	E0	P099	–	–	–
3097	FLAMMABLE SOLID, OXIDIZING, N.O.S.	4.1	5.1	III	274 976	0	E0	P099	–	–	–
3098	OXIDIZING LIQUID, CORROSIVE, N.O.S.	5.1	8	I	274	0	E0	P502	–	–	–
3098	OXIDIZING LIQUID, CORROSIVE, N.O.S.	5.1	8	II	274	1 L	E2	P504	–	IBC01	–
3098	OXIDIZING LIQUID, CORROSIVE, N.O.S.	5.1	8	III	223 274	5 L	E1	P504	–	IBC02	–
3099	OXIDIZING LIQUID, TOXIC, N.O.S.	5.1	6.1	I	274	0	E0	P502	–	–	–
3099	OXIDIZING LIQUID, TOXIC, N.O.S.	5.1	6.1	II	274	1 L	E2	P504	–	IBC01	–
3099	OXIDIZING LIQUID, TOXIC, N.O.S.	5.1	6.1	III	223 274	5 L	E1	P504	–	IBC02	–
3100	OXIDIZING SOLID, SELF-HEATING, N.O.S.	5.1	4.2	I	274 976	0	E0	P099	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-A, S-Q	Category C	
–	–	–	F-A, S-Q	Category C	
–	–	–	F-G, S-L	Category D H1	
–	–	–	F-G, S-L	Category D H1	
–	T6	TP33	F-A, S-N	Category D	
–	T3	TP33	F-A, S-N	Category D	
–	T6	TP33	F-G, S-L	Category D H1	
–	T3	TP33	F-G, S-L	Category D H1	
–	–	–	F-A, S-Q	–	
–	T1	TP33	F-A, S-Q	–	
–	–	–	F-A, S-Q	Category D H1	
–	–	–	F-A, S-Q	Category B H1	
–	–	–	F-A, S-Q	Category B H1	
–	–	–	F-A, S-Q	Category D	
–	–	–	F-A, S-Q	Category B	
–	–	–	F-A, S-Q	Category B	
–	–	–	F-A, S-Q	–	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3104	ORGANIC PEROXIDE TYPE C, SOLID	5.2	–	–	122 195 274	100 g	E0	P520	–	–	–
3105	ORGANIC PEROXIDE TYPE D, LIQUID	5.2	–	–	122 274	125 mL	E0	P520	–	–	–
3106	ORGANIC PEROXIDE TYPE D, SOLID	5.2	–	–	122 274	500 g	E0	P520	–	–	–
3107	ORGANIC PEROXIDE TYPE E, LIQUID	5.2	–	–	122 274	125 mL	E0	P520	–	–	–
3108	ORGANIC PEROXIDE TYPE E, SOLID	5.2	–	–	122 274	500 g	E0	P520	–	–	–
3109	ORGANIC PEROXIDE TYPE F, LIQUID	5.2	–	–	122 274	125 mL	E0	P520	–	IBC520	–
3110	ORGANIC PEROXIDE TYPE F, SOLID	5.2	–	–	122 274	500 g	E0	P520	–	IBC520	–
3111	ORGANIC PEROXIDE TYPE B, LIQUID, TEMPERATURE CONTROLLED	5.2	See SP181	–	122 181 195 274 923	0	E0	P520	–	–	–
3112	ORGANIC PEROXIDE TYPE B, SOLID, TEMPERATURE CONTROLLED	5.2	See SP181	–	122 181 195 274 923	0	E0	P520	–	–	–
3113	ORGANIC PEROXIDE TYPE C, LIQUID, TEMPERATURE CONTROLLED	5.2	–	–	122 195 274	0	E0	P520	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-J, S-R	Category D SW1	
–	–	–	F-J, S-R	Category D SW1	
–	–	–	F-J, S-R	Category D SW1	
–	–	–	F-J, S-R	Category D SW1	
–	–	–	F-J, S-R	Category D SW1	
–	T23	–	F-J, S-R	Category D SW1	
–	T23	TP33	F-J, S-R	Category D SW1	
–	–	–	F-F, S-R	Category D SW1 SW3	
–	–	–	F-F, S-R	Category D SW1 SW3	
–	–	–	F-F, S-R	Category D SW1 SW3	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3116	ORGANIC PEROXIDE TYPE D, SOLID, TEMPERATURE CONTROLLED	5.2	–	–	122 274 923	0	E0	P520	–	–	–
3117	ORGANIC PEROXIDE TYPE E, LIQUID, TEMPERATURE CONTROLLED	5.2	–	–	122 274 923	0	E0	P520	–	–	–
3118	ORGANIC PEROXIDE TYPE E, SOLID, TEMPERATURE CONTROLLED	5.2	–	–	122 274 923	0	E0	P520	–	–	–
3119	ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED	5.2	–	–	122 274 923	0	E0	P520	–	IBC520	–
3120	ORGANIC PEROXIDE TYPE F, SOLID, TEMPERATURE CONTROLLED	5.2	–	–	122 274 923	0	E0	P520	–	IBC520	–
3121	OXIDIZING SOLID, WATER-REACTIVE, N.O.S.	5.1	4.3	I	274 976	0	E0	P099	–	–	–
3121	OXIDIZING SOLID, WATER-REACTIVE, N.O.S.	5.1	4.3	II	274 976	0	E0	P099	–	–	–
3122	TOXIC LIQUID, OXIDIZING, N.O.S.	6.1	5.1	I	274 315	0	E0	P001	–	–	–
3122	TOXIC LIQUID, OXIDIZING, N.O.S.	6.1	5.1	II	274	100 mL	E4	P001	–	IBC02	–
3123	TOXIC LIQUID, WATER-REACTIVE, N.O.S.	6.1	4.3	I	274 315	0	E0	P099	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-F, S-R	Category D SW1 SW3	
–	–	–	F-F, S-R	Category D SW1 SW3	
–	–	–	F-F, S-R	Category D SW1 SW3	
–	T23	–	F-F, S-R	Category D SW1 SW3	
–	T23	TP33	F-F, S-R	Category D SW1 SW3	
–	–	–	F-G, S-L	H1	
–	–	–	F-G, S-L	H1	
–	–	–	F-A, S-Q	Category C	
–	–	–	F-A, S-Q	Category C	
–	–	–	F-G, S-N	Category D SW2 H1	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3126	SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.	4.2	8	III	223 274	0	E1	P002	–	IBC08	B3
3127	SELF-HEATING SOLID, OXIDIZING, N.O.S.	4.2	5.1	II	274 976	0	E0	P099	–	–	–
3127	SELF-HEATING SOLID, OXIDIZING, N.O.S.	4.2	5.1	III	223 274 976	0	E0	P099	–	–	–
3128	SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.	4.2	6.1	II	274	0	E2	P410	–	IBC05	B21
3128	SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.	4.2	6.1	III	223 274	0	E1	P002	–	IBC08	B3
3129	WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.	4.3	8	I	274	0	E0	P402	–	–	–
3129	WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.	4.3	8	II	274	0	E0	P402	–	IBC01	–
3129	WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.	4.3	8	III	223 274	0	E1	P001	–	IBC02	–
3130	WATER-REACTIVE LIQUID, TOXIC, N.O.S.	4.3	6.1	I	274	0	E0	P402	–	–	–
3130	WATER-REACTIVE LIQUID, TOXIC, N.O.S.	4.3	6.1	II	274	0	E0	P402	–	IBC01	–
3130	WATER-REACTIVE LIQUID, TOXIC, N.O.S.	4.3	6.1	III	223 274	0	E1	P001	–	IBC02	–
3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	4.3	8	I	274	0	E0	P403	PP31	–	–
3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	4.3	8	II	274	0	E2	P410	PP31 PP40	IBC06	B21
3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	4.3	8	III	223 274	0	E1	P410	PP31	IBC08	B4
3132	WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.	4.3	4.1	I	274	0	E0	P403	PP31	IBC99	–
3132	WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.	4.3	4.1	II	274	0	E2	P410	PP31 PP40	IBC04	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T1	TP33	F-A, S-J	Category C	
–	T3	TP33	F-A, S-J	–	
–	T1	TP33	F-A, S-J	–	
–	T3	TP33	F-A, S-J	Category C	
–	T1	TP33	F-A, S-J	Category C	
–	T14	TP2 TP7 TP13	F-G, S-N	Category D H1	
–	T11	TP2 TP7	F-G, S-N	Category E SW5 H1	
–	T7	TP2 TP7	F-G, S-N	Category E SW5 H1	
–	–	–	F-G, S-N	Category D H1	
–	–	–	F-G, S-N	Category E SW5 H1	
–	–	–	F-G, S-N	Category E SW5 H1	
–	T9	TP7 TP33	F-G, S-L	Category D H1	
–	T3	TP33	F-G, S-L	Category E SW5 H1	
–	T1	TP33	F-G, S-L	Category E SW5 H1	
–	–	–	F-G, S-N	Category D H1	
–	T3	TP33	F-G, S-N	Category E SW5	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.	4.3	6.1	III	223 274	1 kg	E1	P410	PP31	IBC08	B4
3135	WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.	4.3	4.2	I	274	0	E0	P403	PP31	–	–
3135	WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.	4.3	4.2	II	274	0	E2	P410	PP31	IBC05	B21
3135	WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.	4.3	4.2	III	223 274	0	E1	P410	PP31	IBC08	B4
3136	TRIFLUOROMETHANE, REFRIGERATED LIQUID	2.2	–	–	–	120 mL	E1	P203	–	–	–
3137	OXIDIZING SOLID, FLAMMABLE, N.O.S.	5.1	4.1	I	274 976	0	E0	P099	–	–	–
3138	ETHYLENE, ACETYLENE AND PROPYLENE MIXTURE, REFRIGERATED LIQUID containing at least 71.5% ethylene, with not more than 22.5% acetylene and not more than 6% propylene	2.1	–	–	–	0	E0	P203	–	–	–
3139	OXIDIZING LIQUID, N.O.S.	5.1	–	I	274	0	E0	P502	–	–	–
3139	OXIDIZING LIQUID, N.O.S.	5.1	–	II	274	1 L	E2	P504	–	IBC02	–
3139	OXIDIZING LIQUID, N.O.S.	5.1	–	III	223 274	5 L	E1	P504	–	IBC02	–
3140	ALKALOIDS, LIQUID, N.O.S. or ALKALOIDS SALTS, LIQUID, N.O.S.	6.1	–	I	43 274	0	E5	P001	–	–	–
3140	ALKALOIDS, LIQUID, N.O.S. or ALKALOIDS SALTS, LIQUID, N.O.S.	6.1	–	II	43 274	100 mL	E4	P001	–	IBC02	–
3140	ALKALOIDS, LIQUID, N.O.S. or ALKALOIDS SALTS, LIQUID, N.O.S.	6.1	–	III	43 223 274	5 L	E1	P001 LP01	–	IBC03	–
3141	ANTIMONY COMPOUND,	6.1	–	III	45	5 L	E1	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	T1	TP33	F-G, S-N	Category E SW5 H1	
–	–	–	F-G, S-N	Category D H1	
–	T3	TP33	F-G, S-N	Category E SW5 H1	
–	T1	TP33	F-G, S-N	Category E SW5 H1	
–	T75	TP5	F-C, S-V	Category D	
–	–	–	F-G, S-Q	H1	
–	T75	TP5	F-D, S-U	Category D SW2	
–	–	–	F-A, S-Q	Category D	
–	–	–	F-A, S-Q	Category B	
–	–	–	F-A, S-Q	Category B	
–	–	–	F-A, S-A	Category A	
–	–	–	F-A, S-A	Category A	
–	–	–	F-A, S-A	Category A	
–	–	–	F-A, S-A	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3143	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	6.1	–	III	223 274	5 kg	E1	P002 LP02	–	IBC08	B3
3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.	6.1	–	I	43 274	0	E5	P001	–	–	–
3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.	6.1	–	II	43 274	100 mL	E4	P001	–	IBC02	–
3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.	6.1	–	III	43 223 274	5 L	E1	P001 LP01	–	IBC03	–
3145	ALKYLPHENOLS, LIQUID, N.O.S. (including C ₂ –C ₁₂ homologues)	8	–	I	–	0	E0	P001	–	–	–
3145	ALKYLPHENOLS, LIQUID, N.O.S. (including C ₂ –C ₁₂ homologues)	8	–	II	–	1 L	E2	P001	–	IBC02	–
3145	ALKYLPHENOLS, LIQUID, N.O.S. (including C ₂ –C ₁₂ homologues)	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
3146	ORGANOTIN COMPOUND, SOLID, N.O.S.	6.1	– P	I	43 274	0	E5	P002	–	IBC07	B1
3146	ORGANOTIN COMPOUND, SOLID, N.O.S.	6.1	– P	II	43 274	500 g	E4	P002	–	IBC08	B4 B21
3146	ORGANOTIN COMPOUND, SOLID, N.O.S.	6.1	– P	III	43 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	8	–	I	274	0	E0	P002	–	IBC07	B1
3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	8	–	II	274	1 kg	E2	P002	–	IBC08	B4 B21
3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	8	–	III	223 274	5 kg	E1	P002 LP02	–	IBC08	B3
3148	WATER-REACTIVE LIQUID, N.O.S.	4.3	–	I	274	0	E0	P402	PP31	–	–
3148	WATER-REACTIVE LIQUID, N.O.S.	4.3	–	II	274	500 mL	E2	P402	PP31	IBC01	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	T1	TP33	F-A, S-A	Category A	
–	–	–	F-A, S-A	Category B SW2	
–	–	–	F-A, S-A	Category B SW2	
–	–	–	F-A, S-A	Category B SW2	
–	T14	TP2	F-A, S-B	Category B	
–	T11	TP2 TP27	F-A, S-B	Category B	
–	T7	TP1 TP28	F-A, S-B	Category A	
–	T6	TP33	F-A, <u>S-A</u>	Category B SW2	
–	T3	TP33	F-A, <u>S-A</u>	Category A SW2	
–	T1	TP33	F-A, <u>S-A</u>	Category A SW2	
–	T6	TP33	F-A, S-B	Category A	
–	T3	TP33	F-A, S-B	Category A	
–	T1	TP33	F-A, S-B	Category A	
–	T13	TP2 TP7	<u>F-G</u> , S-N	Category E SW2 H1	
–	T7	TP2 TP7	F-G, S-N	Category E SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3151	POLYHALOGENATED BIPHENYLS, LIQUID or HALOGENATED MONOMETHYL-DIPHENYLMETHANES, LIQUID or POLYHALOGENATED TERPHENYLS, LIQUID	9	– P	II	203 305	1 L	E2	P906	–	IBC02	–
3152	POLYHALOGENATED BIPHENYLS, SOLID or HALOGENATED MONOMETHYL-DIPHENYLMETHANES, SOLID or POLYHALOGENATED TERPHENYLS, SOLID	9	– P	II	203 305 958	1 kg	E2	P906	–	IBC08	B4 B21
3153	PERFLUORO(METHYL VINYL ETHER)	2.1	–	–	–	0	E0	P200	–	–	–
3154	PERFLUORO(ETHYL VINYL ETHER)	2.1	–	–	–	0	E0	P200	–	–	–
3155	PENTACHLOROPHENOL	6.1	– P	II	43	500 g	E4	P002	–	IBC08	B4 B21
3156	COMPRESSED GAS, OXIDIZING, N.O.S.	2.2	5.1	–	274	0	E0	P200	–	–	–
3157	LIQUEFIED GAS, OXIDIZING, N.O.S.	2.2	5.1	–	274	0	E0	P200	–	–	–
3158	GAS, REFRIGERATED LIQUID, N.O.S.	2.2	–	–	274	120 mL	E1	P203	–	–	–
3159	1,1,1,2-TETRAFLUOROETHANE (REFRIGERANT GAS R 134a)	2.2	–	–	–	120 mL	E1	P200	–	–	–
3160	LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S.	2.3	2.1	–	274	0	E0	P200	–	–	–
3161	LIQUEFIED GAS, FLAMMABLE, N.O.S.	2.1	–	–	274	0	E0	P200	–	–	–
3162	LIQUEFIED GAS, TOXIC, N.O.S.	2.3	–	–	274	0	E0	P200	–	–	–
3163	LIQUEFIED GAS, N.O.S.	2.2	–	–	274 392	120 mL	E1	P200	–	–	–
3164	ARTICLES, PRESSURIZED, PNEUMATIC or HYDRAULIC (containing non-flammable gas)	2.2	–	–	283 371	120 mL	E0	P003	PP32	–	–
3165	AIRCRAFT HYDRAULIC POWER UNIT FUEL TANK (containing a mixture of anhydrous hydrazine and methylhydrazine) (M96 fuel)	3	6.1/8	I	–	0	E0	P301	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T50	–	F-D, S-U	Category E SW2	
–	–	–	F-D, S-U	Category E SW2	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	–	–	<u>F-C</u> , S-W	Category D	
–	–	–	<u>F-C</u> , S-W	Category D	
–	T75	TP5	F-C, S-V	Category D	
–	T50	–	F-C, S-V	Category A	
–	–	–	<u>F-D</u> , S-U	Category D SW2	
–	T50	–	F-D, S-U	Category D SW2	
–	–	–	F-C, S-U	Category D SW2	
–	T50	–	F-C, S-V	Category A	
–	–	–	F-C, S-V	Category A	
–	–	–	F-E, S-C	Category D SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3169	GAS SAMPLE, NON-PRESSURIZED, TOXIC, N.O.S., not refrigerated liquid	2.3	–	–	209	0	E0	P201	–	–	–
3170	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS	4.3	–	II	244	500 g	E2	P410	PP31 PP40	IBC07	B4 B21
3170	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS	4.3	–	III	223 244	1 kg	E1	P002	PP31	IBC08	B4
3171	BATTERY-POWERED VEHICLE or BATTERY-POWERED EQUIPMENT	9	–	–	388 961 962 971	–	–	–	–	–	–
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.	6.1	–	I	210 274	0	E5	P001	–	–	–
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.	6.1	–	II	210 274	100 mL	E4	P001	–	IBC02	–
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.	6.1	–	III	210 223 274	5 L	E1	P001 LP01	–	IBC03	–
3174	TITANIUM DISULPHIDE	4.2	–	III	–	0	E1	P002 LP02	PP31	IBC08	B3
3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	4.1	–	II	216 274	1 kg	E2	P002	PP9	IBC06	B21
3176	FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.	4.1	–	II	274	0	E0	–	–	–	–
3176	FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.	4.1	–	III	223 274	0	E0	–	–	–	–
3178	FLAMMABLE SOLID, INORGANIC, N.O.S.	4.1	–	II	274	1 kg	E2	P002	–	IBC08	B4 B21
3178	FLAMMABLE SOLID, INORGANIC, N.O.S.	4.1	–	III	223 274	5 kg	E1	P002 LP02	–	IBC08	B3
3179	FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.	4.1	6.1	II	274	1 kg	E2	P002	–	IBC06	B21
3179	FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.	4.1	6.1	III	223 274	5 kg	E1	P002	–	IBC06	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-C, S-U	Category D	
–	T3 BK2	TP33	F-G, S-P	Category B SW5 H1	
–	T1 BK2	TP33	F-G, S-P	Category B SW5 H1	
–	–	–	F-A, S-I	Category A	
–	–	–	F-A, S-A	Category B	
–	–	–	F-A, S-A	Category B	
–	–	–	F-A, S-A	Category A	
–	T1	TP33	F-A, S-J	Category A	
–	T3 BK2	TP33	F-A, S-I	Category B	
–	T3	TP3 TP26	F-A, S-H	Category C	
–	T1	TP3 TP26	F-A, S-H	Category C	
–	T3	TP33	F-A, S-G	Category B	
–	T1	TP33	F-A, S-G	Category B	
–	T3	TP33	F-A, S-G	Category B SW2	
–	T1	TP33	F-A, S-G	Category B SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3182	METAL HYDRIDES, FLAMMABLE, N.O.S.	4.1	–	III	223 274	5 kg	E1	P002	PP31	IBC04	–
3183	SELF-HEATING LIQUID, ORGANIC, N.O.S.	4.2	–	II	274	0	E2	P001	PP31	IBC02	–
3183	SELF-HEATING LIQUID, ORGANIC, N.O.S.	4.2	–	III	223 274	0	E1	P001	PP31	IBC02	–
3184	SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.	4.2	6.1	II	274	0	E2	P402	PP31	IBC02	–
3184	SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.	4.2	6.1	III	223 274	0	E1	P001	PP31	IBC02	–
3185	SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.	4.2	8	II	274	0	E2	P402	PP31	IBC02	–
3185	SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.	4.2	8	III	223 274	0	E1	P001	PP31	IBC02	–
3186	SELF-HEATING LIQUID, INORGANIC, N.O.S.	4.2	–	II	274	0	E2	P001	PP31	IBC02	–
3186	SELF-HEATING LIQUID, INORGANIC, N.O.S.	4.2	–	III	223 274	0	E1	P001	PP31	IBC02	–
3187	SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.	4.2	6.1	II	274	0	E2	P402	PP31	IBC02	–
3187	SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.	4.2	6.1	III	223 274	0	E1	P001	PP31	IBC02	–
3188	SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.	4.2	8	II	274	0	E2	P402	PP31	IBC02	–
3188	SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.	4.2	8	III	223 274	0	E1	P001	PP31	IBC02	–
3189	METAL POWDER, SELF-HEATING, N.O.S.	4.2	–	II	274	0	E2	P410	PP31	IBC06	B21
3189	METAL POWDER, SELF-HEATING, N.O.S.	4.2	–	III	223 274	0	E1	P002 LP02	PP31 L4	IBC08	B4
3190	SELF-HEATING SOLID, INORGANIC, N.O.S.	4.2	–	II	274	0	E2	P410	PP31	IBC06	B21
3190	SELF-HEATING SOLID, INORGANIC, N.O.S.	4.2	–	III	223 274	0	E1	P002 LP02	PP31	IBC08	B3
3191	SELF-HEATING SOLID, TOXIC,	4.2	6.1	II	274	0	E2	P410	–	IBC05	B21

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	T1	TP33	F-A, S-G	Category E	
–	–	–	F-A, S-J	Category C	
–	–	–	F-A, S-J	Category C	
–	–	–	F-A, S-J	Category C	
–	–	–	F-A, S-J	Category C	
–	–	–	F-A, S-J	Category C	
–	–	–	F-A, S-J	Category C	
–	–	–	F-A, S-J	Category C	
–	–	–	F-A, S-J	Category C	
–	–	–	F-A, S-J	Category C	
–	–	–	F-A, S-J	Category C	
–	T3	TP33	F-G, S-J	Category C H1	
–	T1	TP33	F-G, S-J	Category C H1	
–	T3	TP33	F-A, S-J	Category C	
–	T1	TP33	F-A, S-J	Category C	
–	T3	TP33	F-A, S-J	Category C	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3205	ALKALINE EARTH METAL ALCOHOLATES, N.O.S.	4.2	–	III	183 223 274	0	E1	P002 LP02	PP31	IBC08	B3
3206	ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.	4.2	8	II	182 274	0	E2	P410	PP31	IBC05	B21
3206	ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.	4.2	8	III	182 223 274	0	E1	P002	PP31	IBC08	B3
3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	4.3	–	I	274	0	E2	P403	PP31	IBC99	–
△ 3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	4.3	–	II	274	500 g	E2	P410	PP31 PP40	IBC07	B4 B21
3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	4.3	–	III	223 274	1 kg	E1	P410	PP31	IBC08	B4
3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	4.3	4.2	I	274	0	E0	P403	PP31	–	–
△ 3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	4.3	4.2	II	274	0	E0	P410	PP31 PP40	IBC05	B21
3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	4.3	4.2	III	223 274	0	E1	P410	PP31	IBC08	B4
3210	CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	–	II	274 351	1 L	E2	P504	–	IBC02	–
3210	CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	–	III	223 274 351	5 L	E1	P504	–	IBC02	–
3211	PERCHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	–	II	–	1 L	E2	P504	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T1	TP33	F-A, S-J	Category B	
–	T3	TP33	F-A, S-J	Category B	
–	T1	TP33	F-A, S-J	Category B	
–	–	–	F-G, S-N	Category E SW2 H1	
–	T3	TP33	F-G, S-N	Category E SW2 H1	
–	T1	TP33	F-G, S-N	Category E SW2 H1	
–	–	–	F-G, S-N	Category E SW2 H1	
–	T3	TP33	F-G, S-N	Category E SW2 H1	
–	T1	TP33	F-G, S-N	Category E SW2 H1	
–	T4	TP1	F-H, S-Q	Category B	
–	T4	TP1	F-H, S-Q	Category B	
–	T4	TP1	F-H, S-Q	Category B	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3213	BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	–	II	274 350	1 L	E2	P504	–	IBC02	–
3213	BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	–	III	223 274 350	5 L	E1	P504	–	IBC02	–
3214	PERMANGANATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	–	II	274 353	1 L	E2	P504	–	IBC02	–
3215	PERSULPHATES, INORGANIC, N.O.S.	5.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
3216	PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	–	III	–	5 L	E1	P504	–	IBC02	–
3218	NITRATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	–	II	270	1 L	E2	P504	–	IBC02	–
3218	NITRATES, INORGANIC,	5.1	–	III	223	5 L	E1	P504	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1	F-H, S-Q	Category B	
–	T4	TP1	F-H, S-Q	Category B	
–	T4	TP1	F-H, S-Q	Category D	
–	T1	TP33	F-A, S-Q	Category A	
–	T4	TP1 TP29	F-A, S-Q	Category A	
–	T4	TP1	F-A, S-Q	Category B	
–	T4	TP1	F-A, S-Q	Category B	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3220	PENTAFLUOROETHANE (REFRIGERANT GAS R 125)	2.2	–	–	–	120 mL	E1	P200	–	–	–
3221	SELF-REACTIVE LIQUID TYPE B	4.1	See SP181	–	181 274	25 mL	E0	P520	PP21	–	–
3222	SELF-REACTIVE SOLID TYPE B	4.1	See SP181	–	181 274	100 g	E0	P520	PP21	–	–
3223	SELF-REACTIVE LIQUID TYPE C	4.1	–	–	274	25 mL	E0	P520	PP21 PP94 PP95	–	–
3224	SELF-REACTIVE SOLID TYPE C	4.1	–	–	274	100 g	E0	P520	PP21 PP94 PP95	–	–
3225	SELF-REACTIVE LIQUID TYPE D	4.1	–	–	274	125 mL	E0	P520	–	–	–
3226	SELF-REACTIVE SOLID TYPE D	4.1	–	–	274	500 g	E0	P520	–	–	–
3227	SELF-REACTIVE LIQUID TYPE E	4.1	–	–	274	125 mL	E0	P520	–	–	–
3228	SELF-REACTIVE SOLID TYPE E	4.1	–	–	274	500 g	E0	P520	–	–	–
3229	SELF-REACTIVE LIQUID TYPE F	4.1	–	–	274	125 mL	E0	P520	–	IBC99	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T50	–	F-C, S-V	Category A	
–	–	–	F-J, S-G	Category D SW1	
–	–	–	F-J, S-G	Category D SW1	
–	–	–	F-J, S-G	Category D SW1	
–	–	–	F-J, S-G	Category D SW1	
–	–	–	F-J, S-G	Category D SW1	
–	–	–	F-J, S-G	Category D SW1	
–	–	–	F-J, S-G	Category D SW1	
–	–	–	F-J, S-G	Category D SW1	
–	T23	–	F-J, S-G	Category D SW1	



UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3232	SELF-REACTIVE SOLID TYPE B, TEMPERATURE CONTROLLED	4.1	See SP181	–	181 194 274 923	0	E0	P520	PP21	–	–
3233	SELF-REACTIVE LIQUID TYPE C, TEMPERATURE CONTROLLED	4.1	–	–	194 274 923	0	E0	P520	PP21	–	–
3234	SELF-REACTIVE SOLID TYPE C, TEMPERATURE CONTROLLED	4.1	–	–	194 274 923	0	E0	P520	PP21	–	–
3235	SELF-REACTIVE LIQUID TYPE D, TEMPERATURE CONTROLLED	4.1	–	–	194 274 923	0	E0	P520	–	–	–
3236	SELF-REACTIVE SOLID TYPE D, TEMPERATURE CONTROLLED	4.1	–	–	194 274 923	0	E0	P520	–	–	–
3237	SELF-REACTIVE LIQUID TYPE E, TEMPERATURE CONTROLLED	4.1	–	–	194 274 923	0	E0	P520	–	–	–

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Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3240	SELF-REACTIVE SOLID TYPE F, TEMPERATURE CONTROLLED	4.1	–	–	194 274 923	0	E0	P520	–	–	–
3241	2-BROMO-2-NITROPROPANE-1,3-DIOL	4.1	–	III	–	5 kg	E1	P520	PP22	IBC08	B3
3242	AZODICARBONAMIDE	4.1	–	II	215	500 g	E0	P409	–	–	–
3243	SOLIDS CONTAINING TOXIC LIQUID, N.O.S.	6.1	–	II	217 274	500 g	E4	P002	PP9	IBC02	–
3244	SOLIDS CONTAINING CORROSIVE LIQUID, N.O.S.	8	–	II	218 274	1 kg	E2	P002	PP9	IBC05	–
3245	GENETICALLY MODIFIED MICROORGANISMS or GENETICALLY MODIFIED ORGANISMS	9	–	–	219	0	E0	P904	–	IBC99	–
3246	METHANESULPHONYL CHLORIDE	6.1	8	I	354	0	E0	P602	–	–	–
3247	SODIUM PEROXOBORATE, ANHYDROUS	5.1	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
3248	MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	3	6.1	II	220 221	1 L	E2	P001	–	–	–
3248	MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	3	6.1	III	220 221 223	5 L	E1	P001	–	–	–
3249	MEDICINE, SOLID, TOXIC, N.O.S.	6.1	–	II	221	500 g	E4	P002	–	–	–
3249	MEDICINE, SOLID, TOXIC,	6.1	–	III	221	5 kg	E1	P002	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T23	–	F-F, S-K	Category D SW1 SW3	
–	–	–	F-J, S-G	Category C SW1 SW2 H2 H3	
–	T3	TP33	F-J, S-G	Category D	
–	T3 BK2	TP33	F-A, S-A	Category B SW2	
–	T3 BK2	TP33	F-A, S-B	Category B SW2	
–	–	–	F-A, S-T	SW7	
–	T20	TP2 TP13	F-A, S-B	Category D SW2	
–	T3	TP33	F-A, S-Q	Category A SW1 H1	
–	–	–	F-E, S-D	Category B SW2	
–	–	–	F-E, S-D	Category A	
–	T3	TP33	F-A, S-A	Category C SW2	
–	T1	TP33	F-A, S-A	Category C	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3254	TRIBUTYLPHOSPHANE	4.2	–	I	–	0	E0	P400	–	–	–
3255	tert-BUTYL HYPOCHLORITE	4.2	8	I	976	0	E0	P099	–	–	–
3256	ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. with flashpoint above 60°C, at or above its flashpoint	3	–	III	274	0	E0	P099	–	IBC01	–
3257	ELEVATED TEMPERATURE LIQUID, N.O.S. at or above 100°C and below its flashpoint (including molten metals, molten salts, etc.)	9	–	III	232 274	0	E0	P099	–	IBC01	–
3258	ELEVATED TEMPERATURE SOLID, N.O.S. at or above 240°C	9	–	III	232 274	0	E0	P099	–	–	–
3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.	8	–	I	274	0	E0	P002	–	IBC07	B1
3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.	8	–	II	274	1 kg	E2	P002	–	IBC08	B4 B21
3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.	8	–	III	223 274	5 kg	E1	P002 LP02	–	IBC08	B3
3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	8	–	I	274	0	E0	P002	–	IBC07	B1
3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	8	–	II	274	1 kg	E2	P002	–	IBC08	B4 B21
3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	8	–	III	223 274	5 kg	E1	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T21	TP2 TP7	F-A, S-M	Category D	
–	–	–	F-A, S-M	Category D	
–	T3	TP3 TP29	F-E, S-D	Category A	
–	T3	TP3 TP29	F-A, S-P	Category A SW5	
–	–	–	F-A, S-P	Category A SW5	
–	T6	TP33	F-A, S-B	Category A	
–	T3	TP33	F-A, S-B	Category A	
–	T1	TP33	F-A, S-B	Category A	
–	T6	TP33	F-A, S-B	Category B	
–	T3	TP33	F-A, S-B	Category B	
–	T1	TP33	F-A, S-B	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	8	–	I	274	0	E0	P002	–	IBC07	B1
3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	8	–	II	274	1 kg	E2	P002	–	IBC08	B4 B21
3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	8	–	III	223 274	5 kg	E1	P002 LP02	–	IBC08	B3
3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	–	I	274	0	E0	P001	–	–	–
3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	–	II	274	1 L	E2	P001	–	IBC02	–
3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	–	I	274	0	E0	P001	–	–	–
3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	–	II	274	1 L	E2	P001	–	IBC02	–
3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	–	I	274	0	E0	P001	–	–	–
3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	–	II	274	1 L	E2	P001	–	IBC02	–
3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	–	I	274	0	E0	P001	–	–	–
3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	–	II	274	1 L	E2	P001	–	IBC02	–
3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
3268	SAFETY DEVICES, electrically initiated	9	–	–	280 289	0	E0	P902 LP902	–	–	–
3269	POLYESTER RESIN KIT, liquid base material	3	–	II	236 340	5 L	See SP340	P302	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T6	TP33	F-A, S-B	Category B	
–	T3	TP33	F-A, S-B	Category B	
–	T1	TP33	F-A, S-B	Category A	
–	T14	TP2 TP27	F-A, S-B	Category B SW2	
–	T11	TP2 TP27	F-A, S-B	Category B SW2	
–	T7	TP1 TP28	F-A, S-B	Category A SW2	
–	T14	TP2 TP27	F-A, S-B	Category B SW2	
–	T11	TP2 TP27	F-A, S-B	Category B SW2	
–	T7	TP1 TP28	F-A, S-B	Category A SW2	
–	T14	TP2 TP27	F-A, S-B	Category B SW2	
–	T11	TP2 TP27	F-A, S-B	Category B SW2	
–	T7	TP1 TP28	F-A, S-B	Category A SW2	
–	T14	TP2 TP27	F-A, S-B	Category B SW2	
–	T11	TP2 TP27	F-A, S-B	Category B SW2	
–	T7	TP1 TP28	F-A, S-B	Category A SW2	
–	–	–	F-B, S-X	Category A	
–	–	–	F-E, S-D	Category B	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3272	ESTERS, N.O.S.	3	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
3273	NITRILES, FLAMMABLE, TOXIC, N.O.S.	3	6.1	I	274	0	E0	P001	–	–	–
3273	NITRILES, FLAMMABLE, TOXIC, N.O.S.	3	6.1	II	274	1 L	E2	P001	–	IBC02	–
3274	ALCOHOLATES SOLUTION, N.O.S. in alcohol	3	8	II	274	1 L	E2	P001	–	IBC02	–
3275	NITRILES, TOXIC, FLAMMABLE, N.O.S.	6.1	3	I	274 315	0	E5	P001	–	–	–
3275	NITRILES, TOXIC, FLAMMABLE, N.O.S.	6.1	3	II	274	100 mL	E4	P001	–	IBC02	–
3276	NITRILES, LIQUID, TOXIC, N.O.S.	6.1	–	I	274 315	0	E5	P001	–	–	–
3276	NITRILES, LIQUID, TOXIC, N.O.S.	6.1	–	II	274	100 mL	E4	P001	–	IBC02	–
3276	NITRILES, LIQUID, TOXIC, N.O.S.	6.1	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
3277	CHLOROFORMATES, TOXIC, CORROSIVE, N.O.S.	6.1	8	II	274	100 mL	E4	P001	–	IBC02	–
3278	ORGANOPHOSPHORUS COMPOUND, LIQUID, TOXIC, N.O.S.	6.1	–	I	43 274 315	0	E5	P001	–	–	–
3278	ORGANOPHOSPHORUS COMPOUND, LIQUID, TOXIC, N.O.S.	6.1	–	II	43 274	100 mL	E4	P001	–	IBC02	–
3278	ORGANOPHOSPHORUS COMPOUND, LIQUID, TOXIC, N.O.S.	6.1	–	III	43 223 274	5 L	E1	P001 LP01	–	IBC03	–
3279	ORGANOPHOSPHORUS COMPOUND, TOXIC,	6.1	3	I	43 274	0	E5	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1 TP29	F-E, S-D	Category A	
–	T14	TP2 TP13 TP27	F-E, S-D	Category E SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	–	–	F-E, S-C	Category B	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T14	TP2 TP13 TP27	F-A, S-A	Category B	
–	T11	TP2 TP27	F-A, S-A	Category B	
–	T7	TP1 TP28	F-A, S-A	Category A	
–	T8	TP2 TP13 TP28	F-A, S-B	Category A SW1 SW2 H1 H2	
–	T14	TP2 TP13 TP27	F-A, S-A	Category B	
–	T11	TP2 TP27	F-A, S-A	Category B	
–	T7	TP1 TP28	F-A, S-A	Category A	
–	T14	TP2 TP13	F-E, S-D	Category B SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3281	METAL CARBONYLS, LIQUID, N.O.S.	6.1	–	II	274	100 mL	E4	P001	–	IBC02	–
3281	METAL CARBONYLS, LIQUID, N.O.S.	6.1	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
3282	ORGANOMETALLIC COMPOUND, LIQUID, TOXIC, N.O.S.	6.1	–	I	274	0	E5	P001	–	–	–
3282	ORGANOMETALLIC COMPOUND, LIQUID, TOXIC, N.O.S.	6.1	–	II	274	100 mL	E4	P001	–	IBC02	–
3282	ORGANOMETALLIC COMPOUND, LIQUID, TOXIC, N.O.S.	6.1	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
3283	SELENIUM COMPOUND, SOLID, N.O.S.	6.1	–	I	274	0	E5	P002	–	IBC07	B1
3283	SELENIUM COMPOUND, SOLID, N.O.S.	6.1	–	II	274	500 g	E4	P002	–	IBC08	B4 B21
3283	SELENIUM COMPOUND, SOLID, N.O.S.	6.1	–	III	223 274	5 kg	E1	P002 LP02	–	IBC08	B3
3284	TELLURIUM COMPOUND, N.O.S.	6.1	–	I	274	0	E5	P002	–	IBC07	B1
3284	TELLURIUM COMPOUND, N.O.S.	6.1	–	II	274	500 g	E4	P002	–	IBC08	B4 B21
3284	TELLURIUM COMPOUND, N.O.S.	6.1	–	III	223 274	5 kg	E1	P002 LP02	–	IBC08	B3
3285	VANADIUM COMPOUND, N.O.S.	6.1	–	I	274	0	E5	P002	–	IBC07	B1
3285	VANADIUM COMPOUND, N.O.S.	6.1	–	II	274	500 g	E4	P002	–	IBC08	B4 B21
3285	VANADIUM COMPOUND, N.O.S.	6.1	–	III	223 274	5 kg	E1	P002 LP02	–	IBC08	B3
3286	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	3	6.1/8	I	274	0	E0	P001	–	–	–
3286	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	3	6.1/8	II	274	1 L	E2	P001	–	IBC99	–
3287	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	–	I	274 315	0	E5	P001	–	–	–
3287	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	–	II	274	100 mL	E4	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	T11	TP2 TP27	F-A, S-A	Category B SW2	
–	T7	TP1 TP28	F-A, S-A	Category B SW2	
–	T14	TP2 TP13 TP27	F-A, S-A	Category B	
–	T11	TP2 TP27	F-A, S-A	Category B	
–	T7	TP1 TP28	F-A, S-A	Category A	
–	T6	TP33	F-A, S-A	Category B	
–	T3	TP33	F-A, S-A	Category B	
–	T1	TP33	F-A, S-A	Category A	
–	T6	TP33	F-A, S-A	Category B	
–	T3	TP33	F-A, S-A	Category B	
–	T1	TP33	F-A, S-A	Category A	
–	T6	TP33	F-A, S-A	Category B	
–	T3	TP33	F-A, S-A	Category B	
–	T1	TP33	F-A, S-A	Category A	
–	T14	TP2 TP13 TP27	F-E, S-C	Category E SW2	
–	T11	TP2 TP13 TP27	F-E, S-C	Category B SW2	
–	T14	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T11	TP2	F-A, S-A	Category B	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3290	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.	6.1	8	I	274	0	E5	P002	–	IBC99	–
3290	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.	6.1	8	II	274	500 g	E4	P002	–	IBC06	B21
3291	CLINICAL WASTE, UNSPECIFIED, N.O.S. or (BIO) MEDICAL WASTE, N.O.S. or REGULATED MEDICAL WASTE, N.O.S.	6.2	–	–	–	0	E0	P621 LP621	–	IBC620	–
3292	BATTERIES, CONTAINING SODIUM or CELLS, CONTAINING SODIUM	4.3	–	–	239	0	E0	P408	–	–	–
3293	HYDRAZINE, AQUEOUS SOLUTION with not more than 37% hydrazine, by mass	6.1	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
3294	HYDROGEN CYANIDE, SOLUTION IN ALCOHOL with not more than 45% hydrogen cyanide	6.1	3 P	I	900	0	E0	P601	–	–	–
3295	HYDROCARBONS, LIQUID, N.O.S.	3	–	I	–	500 mL	E3	P001	–	–	–
3295	HYDROCARBONS, LIQUID, N.O.S.	3	–	II	–	1 L	E2	P001	–	IBC02	–
3295	HYDROCARBONS, LIQUID, N.O.S.	3	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
3296	HEPTAFLUOROPROPANE (REFRIGERANT GAS R 227)	2.2	–	–	–	120 mL	E1	P200	–	–	–
3297	ETHYLENE OXIDE AND CHLOROTETRAFLUORO-ETHANE MIXTURE with not more than 8.8% ethylene oxide	2.2	–	–	392	120 mL	E1	P200	–	–	–
3298	ETHYLENE OXIDE AND	2.2	–	–	392	120 mL	E1	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T6	TP33	F-A, S-B	Category B SW2	
–	T3	TP33	F-A, S-B	Category B SW2	
–	BK2	–	F-A, S-T	SW28	
–	–	–	F-G, S-P	Category A H1	
–	T4	TP1	F-A, S-A	Category A	
–	T14	TP2 TP13	F-E, S-D	Category D SW2	
–	T11	TP1 TP8 TP28	F-E, S-D	Category E	
–	T7	TP1 TP8 TP28	F-E, S-D	Category B	
–	T4	TP1 TP29	F-E, S-D	Category A	
–	T50	–	F-C, S-V	Category A	
–	T50	–	F-C, S-V	Category A	
–	T50	–	F-C, S-V	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3302	2-DIMETHYLAMINOETHYL ACRYLATE, STABILIZED	6.1	–	II	386	100 mL	E4	P001	–	IBC02	–
3303	COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.	2.3	5.1	–	274	0	E0	P200	–	–	–
3304	COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S.	2.3	8	–	274	0	E0	P200	–	–	–
3305	COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	2.3	2.1/8	–	274	0	E0	P200	–	–	–
3306	COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	2.3	5.1/8	–	274	0	E0	P200	–	–	–
3307	LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.	2.3	5.1	–	274	0	E0	P200	–	–	–
3308	LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.	2.3	8	–	274	0	E0	P200	–	–	–
3309	LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	2.3	2.1/8	–	274	0	E0	P200	–	–	–
3310	LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	2.3	5.1/8	–	274	0	E0	P200	–	–	–
3311	GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.	2.2	5.1	–	274	0	E0	P203	–	–	–
3312	GAS, REFRIGERATED LIQUID, FLAMMABLE, N.O.S.	2.1	–	–	274	0	E0	P203	–	–	–
3313	ORGANIC PIGMENTS, SELF-HEATING	4.2	–	II	–	0	E2	P002	–	IBC08	B4 B21
3313	ORGANIC PIGMENTS, SELF-HEATING	4.2	–	III	223	0	E1	P002 LP02	–	IBC08	B3
3314	PLASTICS MOULDING COMPOUND in dough, sheet or extruded rope form, evolving flammable vapour	9	–	III	207 965	5 kg	E1	P002	PP14	IBC08	B3 B6
3315	CHEMICAL SAMPLE, TOXIC	6.1	–	I	250	0	E0	P099	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	T7	TP2	F-A, S-A	Category D SW1	
–	–	–	F-C, S-W	Category D SW2	
–	–	–	F-C, S-U	Category D SW2	
–	–	–	F-D, S-U	Category D SW2	
–	–	–	F-C, S-W	Category D SW2	
–	–	–	F-C, S-W	Category D SW2	
–	–	–	F-C, S-U	Category D SW2	
–	–	–	F-D, S-U	Category D SW2	
–	–	–	F-C, S-W	Category D SW2	
–	T75	TP5 TP22	F-C, S-W	Category D	
–	T75	TP5	F-D, S-U	Category D SW2	
–	T3	TP33	F-A, S-J	Category C	
–	T1	TP33	F-A, S-J	Category C	
–	–	–	F-A, S-I	Category E SW1 SW6	
–	–	–	F-A, S-A	Category D SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3318	AMMONIA SOLUTION, relative density less than 0.880 at 15°C in water, with more than 50% ammonia	2.3	8 P	–	23	0	E0	P200	–	–	–
3319	NITROGLYCERIN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 2% but not more than 10% nitroglycerin, by mass	4.1	–	II	272 274	0	E0	P099	–	–	–
3320	SODIUM BOROHYDRIDE AND SODIUM HYDROXIDE SOLUTION with not more than 12% sodium borohydride and not more than 40% sodium hydroxide, by mass	8	–	II	–	1 L	E2	P001	–	IBC02	–
3320	SODIUM BOROHYDRIDE AND SODIUM HYDROXIDE SOLUTION with not more than 12% sodium borohydride and not more than 40% sodium hydroxide, by mass	8	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
3321	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), non fissile or fissile-excepted	7	See SP172	–	172 317 325	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3322	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), non fissile or fissile-excepted	7	See SP172	–	172 317 325	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3323	RADIOACTIVE MATERIAL, TYPE C PACKAGE, non fissile or fissile-excepted	7	See SP172	–	172 317 325	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3324	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), FISSILE	7	See SP172	–	172 326	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3325	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, (LSA-III), FISSILE	7	See SP172	–	172 326	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T50	–	F-C, S-U	Category D SW2	
–	–	–	F-B, S-J	Category E	
–	T7	TP2	F-A, S-B	Category A	
–	T4	TP2	F-A, S-B	Category A	
–	T5	TP4	F-I, S-S	Category A SW20 SW21	
–	T5	TP4	F-I, S-S	Category A SW21	
–	–	–	F-I, S-S	Category A SW12	
–	–	–	F-I, <u>S-S</u>	Category A SW12 SW20 SW21	
–	–	–	F-I, <u>S-S</u>	Category A SW12 SW21	

Part 3 – Dangerous Goods List, special provisions and exceptions

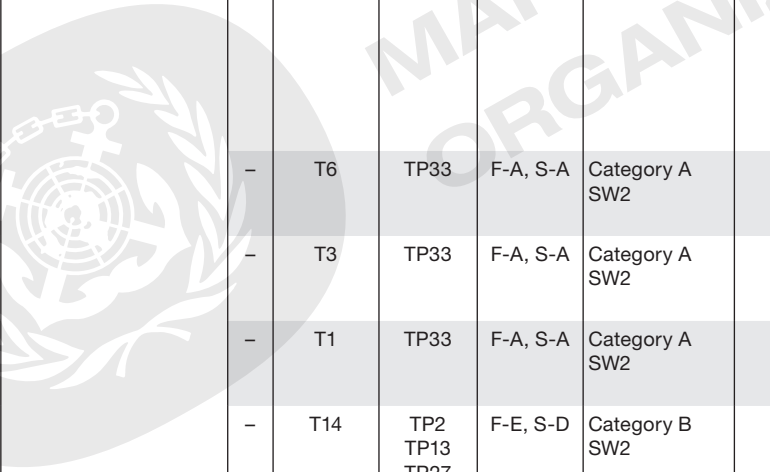
UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3330	RADIOACTIVE MATERIAL, TYPE C PACKAGE, FISSILE	7	See SP172	–	172 326	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3331	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, FISSILE	7	See SP172	–	172 326	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3332	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, non fissile or fissile-excepted	7	See SP172	–	172 317	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3333	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, FISSILE	7	See SP172	–	172	0	E0	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3334	AVIATION REGULATED LIQUID, N.O.S.	9	–	–	960	–	–	–	–	–	–
3335	AVIATION REGULATED SOLID, N.O.S.	9	–	–	960	–	–	–	–	–	–
3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.	3	–	I	274	0	E0	P001	–	–	–
3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.	3	–	II	274	1 L	E2	P001	–	IBC02	–
3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.	3	–	III	223 274	5 L	E1	P001 LP01	–	IBC03	–
3337	REFRIGERANT GAS R 404A	2.2	–	–	–	120 mL	E1	P200	–	–	–
3338	REFRIGERANT GAS R 407A	2.2	–	–	–	120 mL	E1	P200	–	–	–
3339	REFRIGERANT GAS R 407B	2.2	–	–	–	120 mL	E1	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-I, <u>S-S</u>	Category A SW12	
–	–	–	F-I, <u>S-S</u>	Category A SW13	
–	–	–	<u>F-I</u> , <u>S-S</u>	Category A	
–	–	–	<u>F-I</u> , <u>S-S</u>	Category A SW12	
–	–	–	–	–	
–	–	–	–	–	
–	T11	TP2	F-E, S-D	Category E	
–	T7	TP1 TP8 TP28	F-E, S-D	Category B	
–	T4	TP1 TP29	F-E, S-D	Category B	
–	T50	–	F-C, S-V	Category A	
–	T50	–	F-C, S-V	Category A	
–	T50	–	F-C, S-V	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3342	XANTHATES	4.2	–	II	–	0	E2	P002	PP31	IBC06	B21
3342	XANTHATES	4.2	–	III	223	0	E1	P002 LP02	PP31	IBC08	B3
3343	NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S. with not more than 30% nitroglycerin, by mass	3	–	–	274 278	0	E0	P099	–	–	–
3344	PENTAERYTHRITE TETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN) MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass	4.1	–	II	272 274	0	E0	P406	PP26 PP80	–	–
3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	–	I	61 274	0	E5	P002	–	IBC07	B1
3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	–	II	61 274	500 g	E4	P002	–	IBC08	B4 B21
3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	–	III	61 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
3346	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1	I	61 274	0	E0	P001	–	–	–
3346	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1	II	61 274	1 L	E2	P001	–	IBC02	–
3347	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC. FLAMMABLE. flashpoint	6.1	3	I	61 274	0	E5	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-A, S-J	Category D SW2	
–	T1	TP33	F-A, S-J	Category D SW2	
–	–	–	F-E, S-Y	Category D	
–	–	–	F-B, S-J	Category E	
–	T6	TP33	F-A, S-A	Category A SW2	
–	T3	TP33	F-A, S-A	Category A SW2	
–	T1	TP33	F-A, S-A	Category A SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3348	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	–	III	61 223 274	5 L	E1	P001 LP01	–	IBC03	–
3349	PYRETHROID PESTICIDE, SOLID, TOXIC	6.1	–	I	61 274	0	E5	P002	–	IBC07	B1
3349	PYRETHROID PESTICIDE, SOLID, TOXIC	6.1	–	II	61 274	500 g	E4	P002	–	IBC08	B4 B21
3349	PYRETHROID PESTICIDE, SOLID, TOXIC	6.1	–	III	61 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
3350	PYRETHROID PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	I	61 274	0	E0	P001	–	–	–
3350	PYRETHROID PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1	II	61 274	1 L	E2	P001	–	IBC02	–
3351	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	I	61 274	0	E5	P001	–	–	–
3351	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	II	61 274	100 mL	E4	P001	–	IBC02	–
3351	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3	III	61 223 274	5 L	E1	P001	–	IBC03	–
3352	PYRETHROID PESTICIDE, LIQUID, TOXIC	6.1	–	I	61 274	0	E5	P001	–	–	–
3352	PYRETHROID PESTICIDE, LIQUID, TOXIC	6.1	–	II	61 274	100 mL	E4	P001	–	IBC02	–
3352	PYRETHROID PESTICIDE, LIQUID, TOXIC	6.1	–	III	61 223 274	5 L	E1	P001 LP01	–	IBC03	–
3354	INSECTICIDE GAS, FLAMMABLE, N.O.S.	2.1	–	–	274	0	E0	P200	–	–	–
3355	INSECTICIDE GAS, TOXIC, FLAMMABLE, N.O.S.	2.3	2.1	–	274	0	E0	P200	–	–	–
3356	OXYGEN GENERATOR, CHEMICAL	5.1	–	–	284	0	E0	P500	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T7	TP2 TP28	F-A, S-A	Category A SW2	
–	T6	TP33	F-A, S-A	Category A SW2	
–	T3	TP33	F-A, S-A	Category A SW2	
–	T1	TP33	F-A, S-A	Category A SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T14	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T11	TP2 TP13 TP27	F-E, S-D	Category B SW2	
–	T7	TP2 TP28	F-E, S-D	Category A SW2	
–	T14	TP2 TP13 TP27	F-A, S-A	Category B SW2	
–	T11	TP2 TP27	F-A, S-A	Category B SW2	
–	T7	TP2 TP28	F-A, S-A	Category A SW2	
–	–	–	F-D, S-U	Category D	
–	–	–	F-D, S-U	Category D SW2	
–	–	–	F-H, S-Q	Category D	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3358	REFRIGERATING MACHINES containing flammable, non-toxic, liquefied gas	2.1	–	–	291	0	E0	P003	PP32	–	–
3359	FUMIGATED CARGO TRANSPORT UNIT	9	–	–	302	0	E0	–	–	–	–
3360	FIBRES, VEGETABLE, DRY	4.1	–	–	29 123 299 973	0	E0	P003	PP19	–	–
3361	CHLOROSILANES, TOXIC, CORROSIVE, N.O.S.	6.1	8	II	274	0	E0	P010	–	–	–
3362	CHLOROSILANES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.	6.1	3/8	II	274	0	E0	P010	–	–	–
3363	DANGEROUS GOODS IN ARTICLES or DANGEROUS GOODS IN MACHINERY or DANGEROUS GOODS IN APPARATUS	9	–	–	301	See SP301	E0	P907	–	–	–
3364	TRINITROPHENOL (PICRIC ACID), WETTED with not less than 10% water, by mass	4.1	–	I	28	0	E0	P406	PP24 PP31	–	–
3365	TRINITROCHLOROBENZENE (PICRYL CHLORIDE), WETTED with not less than 10% water, by mass	4.1	–	I	28	0	E0	P406	PP24 PP31	–	–
3366	TRINITROTOLUENE (TNT), WETTED with not less than 10% water, by mass	4.1	–	I	28	0	E0	P406	PP24 PP31	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-D, S-U	Category D	
–	–	–	F-A, S-D	Category B SW2	
–	–	–	F-A, S-I	Category A	
–	T14	TP2 TP7 TP13 TP27	F-A, S-B	Category C SW2	
–	T14	TP2 TP7 TP13 TP27	F-E, S-C	Category C SW2	
–	–	–	F-A, S-P	Category A	
–	–	–	F-B, S-J	Category E	
–	–	–	F-B, S-J	Category E	
–	–	–	F-B, S-J	Category E	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3369	SODIUM DINITRO- <i>o</i> -CRESOLATE, WETTED with not less than 10% water, by mass	4.1	6.1 P	I	28	0	E0	P406	PP24 PP31	–	–
3370	UREA NITRATE, WETTED with not less than 10% water, by mass	4.1	–	I	28	0	E0	P406	PP31 PP78	–	–
3371	2-METHYLBUTANAL	3	–	II	–	1 L	E2	P001	–	IBC02	–
3373	BIOLOGICAL SUBSTANCE, CATEGORY B	6.2	–	–	319 341	0	E0	P650	–	–	–
3374	ACETYLENE, SOLVENT FREE	2.1	–	–	–	0	E0	P200	–	–	–
3375	AMMONIUM NITRATE EMULSION or SUSPENSION or GEL, intermediate for blasting explosives	5.1	–	II	309	0	E2	P505	–	IBC02	B16
3376	4-NITROPHENYLHYDRAZINE, with not less than 30% water, by mass	4.1	–	I	28	0	E0	P406	PP26 PP31	–	–
3377	SODIUM PERBORATE MONOHYDRATE	5.1	–	III	967	5 kg	E1	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-B, S-J	Category E	
–	–	–	F-B, S-J	Category E	
–	T4	TP1	F-E, S-D	Category B	
–	T1 BK2	TP1	F-A, S-T	Category C SW2 SW18	
–	–	–	F-D, S-U	Category D SW1 SW2	
–	T1	TP1 TP9 TP17 TP32	F-H, S-Q	Category D SW1	
–	–	–	F-B, S-J	Category E	
–	T1 BK2 BK3	TP33	F-A, S-Q	Category A SW1 SW23 H1	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3380	DESENSITIZED EXPLOSIVE, SOLID, N.O.S.	4.1	–	I	274 311 394	0	E0	P099	–	–	–
3381	TOXIC BY INHALATION LIQUID, N.O.S. with an LC ₅₀ lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	6.1	–	I	274	0	E0	P601	–	–	–
3382	TOXIC BY INHALATION LIQUID, N.O.S. with an LC ₅₀ lower than or equal to 1000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	6.1	–	I	274	0	E0	P602	–	–	–
3383	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an LC ₅₀ lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	6.1	3	I	274	0	E0	P601	–	–	–
3384	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an LC ₅₀ lower than or equal to 1000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	6.1	3	I	274	0	E0	P602	–	–	–
3385	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. with an LC ₅₀ lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	6.1	4.3	I	274	0	E0	P601	–	–	–
3386	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. with an LC ₅₀ lower than or equal to 1000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	6.1	4.3	I	274	0	E0	P602	–	–	–
3387	TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S. with an LC ₅₀ lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	6.1	5.1	I	274	0	E0	P601	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-B, S-J	Category D	
–	T22	TP2 TP13	F-A, S-A	Category D SW2	
–	T20	TP2 TP13	F-A, S-A	Category D SW2	
–	T22	TP2 TP13	F-E, S-D	Category D SW2	
–	T20	TP2 TP13	F-E, S-D	Category D SW2	
–	T22	TP2 TP13	F-G, S-N	Category D SW2 H1	
–	T20	TP2 TP13	F-G, S-N	Category D SW2 H1	
–	T22	TP2 TP13	F-A, S-Q	Category D SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3390	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an LC ₅₀ lower than or equal to 1000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	6.1	8	I	274	0	E0	P602	–	–	–
3391	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC	4.2	–	I	274	0	E0	P404	PP86	–	–
3392	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC	4.2	–	I	274	0	E0	P400	PP86	–	–
3393	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC, WATER-REACTIVE	4.2	4.3	I	274	0	E0	P404	PP86	–	–
3394	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATER-REACTIVE	4.2	4.3	I	274	0	E0	P400	PP86	–	–
3395	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE	4.3	–	I	274	0	E0	P403	PP31	–	–
3395	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE	4.3	–	II	274	500 g	E2	P410	PP31	IBC04	–
3395	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE	4.3	–	III	223 274	1 kg	E1	P410	PP31	IBC06	–
3396	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, FLAMMABLE	4.3	4.1	I	274	0	E0	P403	PP31	–	–
3396	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, FLAMMABLE	4.3	4.1	II	274	500 g	E2	P410	PP31	IBC04	–
3396	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, FLAMMABLE	4.3	4.1	III	223 274	1 kg	E1	P410	PP31	IBC06	–
3397	ORGANOMETALLIC SUBSTANCE, SOLID.	4.3	4.2	I	274	0	E0	P403	PP31	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T20	TP2 TP13	F-A, S-B	Category D SW2	
–	T21	TP7 TP33 TP36	F-G, S-M	Category D H1	
–	T21	TP2 TP7 TP36	F-G, S-M	Category D H1	
–	T21	TP7 TP33 TP36 TP41	F-G, S-M	Category D H1	
–	T21	TP2 TP7 TP36 TP41	F-G, S-M	Category D H1	
–	T9	TP7 TP33 TP36 TP41	F-G, S-N	Category E SW2 H1	
–	T3	TP33 TP36 TP41	F-G, S-N	Category E SW2 H1	
–	T1	TP33 TP36 TP41	F-G, S-N	Category E SW2 H1	
–	T9	TP7 TP33 TP36 TP41	F-G, S-N	Category E SW2 H1	
–	T3	TP33 TP36 TP41	F-G, S-N	Category E SW2 H1	
–	T1	TP33 TP36 TP41	F-G, S-N	Category E SW2 H1	
–	T9	TP7 TP33	F-G, S-N	Category E SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

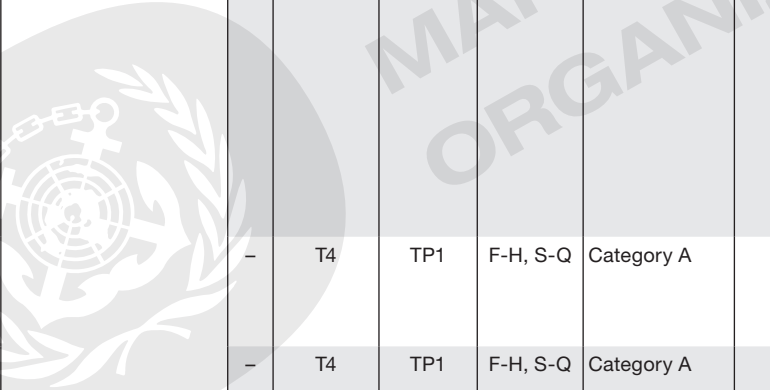
UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3398	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE	4.3	–	II	274	500 mL	E2	P001	PP31	IBC01	–
3398	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE	4.3	–	III	223 274	1 L	E1	P001	PP31	IBC02	–
3399	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE	4.3	3	I	274	0	E0	P402	PP31	–	–
3399	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE	4.3	3	II	274	500 mL	E2	P001	PP31	IBC01	–
3399	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE	4.3	3	III	223 274	1 L	E1	P001	PP31	IBC02	–
3400	ORGANOMETALLIC SUBSTANCE, SOLID, SELF-HEATING	4.2	–	II	274	500 g	E2	P410	–	IBC06	–
3400	ORGANOMETALLIC SUBSTANCE, SOLID, SELF-HEATING	4.2	–	III	223 274	1 kg	E1	P002	–	IBC08	–
3401	ALKALI METAL AMALGAM, SOLID	4.3	–	I	182	0	E0	P403	PP31	–	–
3402	ALKALINE EARTH METAL AMALGAM, SOLID	4.3	–	I	183	0	E0	P403	PP31	–	–
3403	POTASSIUM METAL ALLOYS, SOLID	4.3	–	I	–	0	E0	P403	PP31	–	–
3404	POTASSIUM SODIUM ALLOYS, SOLID	4.3	–	I	–	0	E0	P403	PP31	–	–
3405	BARIUM CHLORATE SOLUTION	5.1	6.1	II	–	1 L	E2	P504	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T7	TP2 TP7 TP36 TP41	F-G, S-N	Category E SW2 H1	
–	T7	TP2 TP7 TP36 TP41	F-G, S-N	Category E SW2 H1	
–	T13	TP2 TP7 TP36 TP41	F-G, S-N	Category D SW2 H1	
–	T7	TP2 TP7 TP36 TP41	F-G, S-N	Category D SW2 H1	
–	T7	TP2 TP7 TP36 TP41	F-G, S-N	Category E SW2 H1	
–	T3	TP33 TP36	F-A, S-J	Category C	
–	T1	TP33 TP36	F-A, S-J	Category C	
–	T9	TP7 TP33	F-G, S-N	Category D H1	
–	T9	TP7 TP33	F-G, S-N	Category D H1	
–	T9	TP7 TP33	F-G, S-L	Category D H1	
–	T9	TP7 TP33	F-G, S-L	Category D H1	
–	T4	TP1	F-H, S-Q	Category A	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3406	BARIUM PERCHLORATE SOLUTION	5.1	6.1	II	–	1 L	E2	P504	–	IBC02	–
3406	BARIUM PERCHLORATE SOLUTION	5.1	6.1	III	223	5 L	E1	P001	–	IBC02	–
3407	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE SOLUTION	5.1	–	II	–	1 L	E2	P504	–	IBC02	–
3407	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE SOLUTION	5.1	–	III	223	5 L	E1	P504	–	IBC02	–
3408	LEAD PERCHLORATE SOLUTION	5.1	6.1 P	II	–	1 L	E2	P504	–	IBC02	–
3408	LEAD PERCHLORATE SOLUTION	5.1	6.1 P	III	223	5 L	E1	P001	–	IBC02	–
3409	CHLORONITROBENZENES, LIQUID	6.1	–	II	279	100 mL	E4	P001	–	IBC02	–
3410	4-CHLORO-2-TOLUIDINE	6.1	–	III	223	5 L	E1	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T4	TP1	F-H, S-Q	Category A	
–	T4	TP1	F-H, S-Q	Category A	
–	T4	TP1	F-H, S-Q	Category A	
–	T4	TP1	F-H, S-Q	Category A	
–	T4	TP1	F-H, S-Q	Category A	
–	T7	TP2	F-A, S-A	Category A	
–	T4	TP1	F-A, S-A	Category A	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3413	POTASSIUM CYANIDE SOLUTION	6.1	– P	II	–	100 mL	E4	P001	PP31	IBC02	–
3413	POTASSIUM CYANIDE SOLUTION	6.1	– P	III	223	5 L	E1	P001 LP01	PP31	IBC03	–
3414	SODIUM CYANIDE SOLUTION	6.1	– P	I	–	0	E5	P001	PP31	–	–
3414	SODIUM CYANIDE SOLUTION	6.1	– P	II	–	100 mL	E4	P001	PP31	IBC02	–
3414	SODIUM CYANIDE SOLUTION	6.1	– P	III	223	5 L	E1	P001 LP01	PP31	IBC03	–
3415	SODIUM FLUORIDE SOLUTION	6.1	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
3416	CHLOROACETOPHENONE, LIQUID	6.1	–	II	–	0	E0	P001	–	IBC02	–
3417	XYLYL BROMIDE, SOLID	6.1	–	II	–	0	E4	P002	–	IBC08	B4 B21
3418	2,4-TOLUYLENEDIAMINE SOLUTION	6.1	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
3419	BORON TRIFLUORIDE ACETIC ACID COMPLEX, SOLID	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
3420	BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, SOLID	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
3421	POTASSIUM HYDROGEN DIFLUORIDE SOLUTION	8	6.1	II	–	1 L	E2	P001	–	IBC02	–
3421	POTASSIUM HYDROGEN DIFLUORIDE SOLUTION	8	6.1	III	223	5 L	E1	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T11	TP2 TP13 TP27	F-A, <u>S-A</u>	Category B	
–	T7	TP2 TP13 TP28	F-A, <u>S-A</u>	Category A	
–	T14	TP2 TP13	F-A, <u>S-A</u>	Category B	
–	T11	TP2 TP13 TP27	F-A, <u>S-A</u>	Category B	
–	T7	TP2 TP13 TP28	F-A, <u>S-A</u>	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	T7	TP2 TP13	F-A, S-A	Category D SW1 SW2 H2	
–	T3	TP33	F-A, S-G	Category D SW2	
–	T4	TP1	F-A, S-A	Category A	
–	T3	TP33	F-A, S-B	Category A	
–	T3	TP33	F-A, S-B	Category A	
–	T7	TP2	F-A, S-B	Category A SW1 SW2	
–	T4	TP1	F-A, S-B	Category A SW1 SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3425	BROMOACETIC ACID, SOLID	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21
3426	ACRYLAMIDE SOLUTION	6.1	–	III	223	5 L	E1	P001 LP01	–	IBC03	–
3427	CHLOROBENZYL CHLORIDES, SOLID	6.1	– P	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
3428	3-CHLORO-4-METHYLPHENYL ISOCYANATE, SOLID	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
3429	CHLOROTOLUIDINES, LIQUID	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
3430	XYLENOLS, LIQUID	6.1	–	II	–	100 mL	E4	P001	–	IBC02	–
3431	NITROBENZOTRIFLUORIDES, SOLID	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
3432	POLYCHLORINATED BIPHENYLS, SOLID	9	– P	II	305 958	1 kg	E2	P906	–	IBC08	B4 B21
3434	NITROCRESOLS, LIQUID	6.1	–	III	–	5 L	E1	P001 LP01	–	IBC03	–
3436	HEXAFLUOROACETONE HYDRATE, SOLID	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
3437	CHLOROCRESOLS, SOLID	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
3438	alpha-METHYLBENZYL ALCOHOL, SOLID	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
3439	NITRILES, SOLID, TOXIC, N.O.S.	6.1	–	I	274	0	E5	P002	–	IBC07	B1
3439	NITRILES, SOLID, TOXIC, N.O.S.	6.1	–	II	274	500 g	E4	P002	–	IBC08	B4 B21

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-A, S-B	Category A	
–	T4	TP1	F-A, S-A	Category A SW1 H2	
–	T1	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category B SW2	
–	T4	TP1	F-A, S-A	Category A	
–	T7	TP2	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A SW2	
–	T3	TP33	F-A, S-A	Category A	
–	T4	TP1	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category B SW2	
–	T3	TP33	F-A, S-A	Category A SW1 H2	
–	T1	TP33	F-A, S-A	Category A	
–	T6	TP33	F-A, S-A	Category B	
–	T3	TP33	F-A, S-A	Category B	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3443	DINITROBENZENES, SOLID	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
3444	NICOTINE HYDROCHLORIDE, SOLID	6.1	–	II	43	500 g	E4	P002	–	IBC08	B4 B21
3445	NICOTINE SULPHATE, SOLID	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
3446	NITROTOLUENES, SOLID	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
3447	NITROXYLENES, SOLID	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
3448	TEAR GAS SUBSTANCE, SOLID, N.O.S.	6.1	–	I	274	0	E0	P002	PP31	–	–
3448	TEAR GAS SUBSTANCE, SOLID, N.O.S.	6.1	–	II	274	0	E0	P002	PP31	IBC08	B4 B21
3449	BROMOBENZYL CYANIDES, SOLID	6.1	–	I	138	0	E5	P002	PP31	–	–
3450	DIPHENYLCHLOROARSINE, SOLID	6.1	– P	I	–	0	E0	P002	PP31	IBC07	B1
3451	TOLUIDINES, SOLID	6.1	– P	II	279	500 g	E4	P002	–	IBC08	B4 B21
3452	XYLIDINES, SOLID	6.1	–	II	–	500 g	E4	P002	–	IBC08	B4 B21
3453	PHOSPHORIC ACID, SOLID	8	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
3454	DINITROTOLUENES, SOLID	6.1	– P	II	–	500 g	E4	P002	–	IBC08	B4 B21
3455	CRESOLS, SOLID	6.1	8	II	–	500 g	E4	P002	–	IBC08	B4 B21
3456	NITROSYLSULPHURIC ACID, SOLID	8	–	II	–	1 kg	E2	P002	–	IBC08	B4 B21

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T3	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T6	TP33	F-A, S-A	Category D SW2	
–	T3	TP33	F-A, S-A	Category D SW2	
–	T6	TP33	F-A, S-A	Category D SW1 SW2 H2	
–	T6	TP33	F-A, <u>S-A</u>	Category D SW2	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, S-A	Category A	
–	T1	TP33	F-A, S-B	Category A	
–	T3	TP33	F-A, <u>S-A</u>	Category A	
–	T3	TP33	F-A, S-B	Category B	
–	T3	TP33	F-A, S-B	Category D SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3460	N-ETHYLBENZYL TOLUIDINES, SOLID	6.1	–	III	–	5 kg	E1	P002 LP02	–	IBC08	B3
3462	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	6.1	–	I	210 274	0	E5	P002	–	IBC07	B1
3462	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	6.1	–	II	210 274	500 g	E4	P002	–	IBC08	B4 B21
3462	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	6.1	–	III	210 223 274	5 kg	E1	P002	–	IBC08	B3
3463	PROPIONIC ACID, with not less than 90% acid by mass	8	3	II	–	1 L	E2	P001	–	IBC02	–
3464	ORGANOPHOSPHORUS COMPOUND, SOLID, TOXIC, N.O.S.	6.1	–	I	43 274	0	E5	P002	–	IBC07	B1
3464	ORGANOPHOSPHORUS COMPOUND, SOLID, TOXIC, N.O.S.	6.1	–	II	43 274	500 g	E4	P002	–	IBC08	B4 B21
3464	ORGANOPHOSPHORUS COMPOUND, SOLID, TOXIC, N.O.S.	6.1	–	III	43 223 274	5 kg	E1	P002 LP02	–	IBC08	B3
3465	ORGANOARSENIC COMPOUND, SOLID, N.O.S.	6.1	–	I	274	0	E5	P002	–	IBC07	B1
3465	ORGANOARSENIC COMPOUND, SOLID, N.O.S.	6.1	–	II	274	500 g	E4	P002	–	IBC08	B4 B21
3465	ORGANOARSENIC COMPOUND, SOLID, N.O.S.	6.1	–	III	223 274	5 kg	E1	P002 LP02	–	IBC08	B3
3466	METAL CARBONYLS, SOLID, N.O.S.	6.1	–	I	274	0	E5	P002	–	IBC07	B1
3466	METAL CARBONYLS, SOLID, N.O.S.	6.1	–	II	274	500 g	E4	P002	–	IBC08	B4 B21
3466	METAL CARBONYLS, SOLID, N.O.S.	6.1	–	III	223 274	5 kg	E1	P002 LP02	–	IBC08	B3
3467	ORGANOMETALLIC COMPOUND, SOLID, TOXIC, N.O.S.	6.1	–	I	274	0	E5	P002	–	IBC07	B1

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T1	TP33	F-A, S-A	Category A	
–	T6	TP33	F-A, S-A	Category B	
–	T3	TP33	F-A, S-A	Category B	
–	T1	TP33	F-A, S-A	Category A	
–	T7	TP2	F-E, S-C	Category A	
–	T6	TP33	F-A, S-A	Category B	
–	T3	TP33	F-A, S-A	Category B	
–	T1	TP33	F-A, S-A	Category A	
–	T6	TP33	F-A, S-A	Category B	
–	T3	TP33	F-A, S-A	Category B	
–	T1	TP33	F-A, S-A	Category A	
–	T6	TP33	F-A, S-A	Category D SW2	
–	T3	TP33	F-A, S-A	Category D SW2	
–	T1	TP33	F-A, S-A	Category D SW2	
–	T6	TP33	F-A, S-A	Category B	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3469	PAINT, FLAMMABLE, CORROSIVE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint thinning or reducing compound)	3	8	I	163 367	0	E0	P001	–	–	–
3469	PAINT, FLAMMABLE, CORROSIVE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint thinning or reducing compound)	3	8	II	163 367	1 L	E2	P001	–	IBC02	–
3469	PAINT, FLAMMABLE, CORROSIVE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint thinning or reducing compound)	3	8	III	163 223 367	5 L	E1	P001	–	IBC03	–
3470	PAINT, CORROSIVE, FLAMMABLE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE (including paint thinning or reducing compound)	8	3	II	163 367	1 L	E2	P001	–	IBC02	–
3471	HYDROGENDIFLUORIDES SOLUTION, N.O.S.	8	6.1	II	–	1 L	E2	P001	–	IBC02	–
3471	HYDROGENDIFLUORIDES SOLUTION, N.O.S.	8	6.1	III	223	5 L	E1	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T11	TP2 TP27	F-E, S-C	Category E SW2	
–	T7	TP2 TP8 TP28	F-E, S-C	Category B SW2	
–	T4	TP1 TP29	F-E, S-C	Category A SW2	
–	T7	TP2 TP8 TP28	F-E, S-C	Category B SW2	
–	T7	TP2	F-A, S-B	Category A SW1 SW2	
–	T4	TP1	F-A, S-B	Category A SW1 SW2	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3475	ETHANOL AND GASOLINE MIXTURE or ETHANOL AND MOTOR SPIRIT MIXTURE or ETHANOL AND PETROL MIXTURE, with more than 10% ethanol	3	–	II	333	1 L	E2	P001	–	IBC02	–
3476	FUEL CELL CARTRIDGES or FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing water-reactive substances	4.3	–	–	328 334	500 mL or 500 g	E0	P004	–	–	–
3477	FUEL CELL CARTRIDGES or FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing corrosive substances	8	–	–	328 334	1 L or 1 kg	E0	P004	–	–	–
3478	FUEL CELL CARTRIDGES or FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing liquefied flammable gas	2.1	–	–	328 338	120 mL	E0	P004	–	–	–
3479	FUEL CELL CARTRIDGES or FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing hydrogen in metal hydride	2.1	–	–	328 339	120 mL	E0	P004	–	–	–
3480	LITHIUM ION BATTERIES (including lithium ion polymer batteries)	9	–	–	188 230 310 348 376 377 384 387	0	E0	P903 P908 P909 P910 P911 LP903 LP904 LP905 LP906	–	–	–
3481	LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT	9	–	–	188 230	0	E0	P903 P908	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	T4	TP1	F-E, S-E	Category E	
–	–	–	F-G, S-P	Category A H1	
–	–	–	F-A, S-B	Category A	
–	–	–	F-D, S-U	Category B	
–	–	–	F-D, S-U	Category B	
–	–	–	F-A, S-I	Category A SW19	
–	–	–	F-A, S-I	Category A SW19	



Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3484	HYDRAZINE AQUEOUS SOLUTION, FLAMMABLE with more than 37% hydrazine, by mass	8	3 6.1	I	–	0	E0	P001	–	–	–
3485	CALCIUM HYPOCHLORITE, DRY, CORROSIVE or CALCIUM HYPOCHLORITE MIXTURE, DRY, CORROSIVE with more than 39% available chlorine (8.8% available oxygen)	5.1	8 P	II	314	1 kg	E2	P002	PP85	–	–
3486	CALCIUM HYPOCHLORITE MIXTURE, DRY, CORROSIVE with more than 10% but not more than 39% available chlorine	5.1	8 P	III	314	5 kg	E1	P002	PP85	–	–
3487	CALCIUM HYPOCHLORITE, HYDRATED, CORROSIVE or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE, CORROSIVE with not less than 5.5% but not more than 16% water	5.1	8 P	II	314 322	1 kg	E2	P002	PP85	–	–
3487	CALCIUM HYPOCHLORITE, HYDRATED, CORROSIVE or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE, CORROSIVE with not less than 5.5% but not more than 16% water	5.1	8 P	III	223 314	5 kg	E1	P002	PP85	–	–
3488	TOXIC BY INHALATION LIQUID, FLAMMABLE, CORROSIVE, N.O.S. with an LC ₅₀ lower than or equal to 200 ml/m ³ and saturated	6.1	3 8	I	274	0	E0	P601	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T10	TP2 TP13	F-E, S-C	Category D SW2	
–	–	–	F-H, S-Q	Category D SW1 SW11	
–	–	–	F-H, S-Q	Category D SW1 SW11	
–	–	–	F-H, S-Q	Category D SW1 SW11	
–	–	–	F-H, S-Q	Category D SW1 SW11	
–	T22	TP2 TP13	F-E, S-D	Category D SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3491	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, FLAMMABLE, N.O.S. with an LC ₅₀ lower than or equal to 1000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	6.1	4.3 3	I	274	0	E0	P602	–	–	–
3494	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	6.1	I	343	0	E0	P001	–	–	–
3494	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	6.1	II	343	1 L	E2	P001	–	IBC02	–
3494	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	6.1	III	343	5 L	E1	P001	–	IBC03	–
3495	IODINE	8	6.1	III	279	5 kg	E1	P002	–	IBC08	B3
3496	BATTERIES, NICKEL-METAL HYDRIDE	9	–	–	117 963	0	E0	See SP963	–	IBC08	–
3497	KRILL MEAL	4.2	–	II	300	0	E2	P410	–	IBC06	B21
3497	KRILL MEAL	4.2	–	III	223 300	0	E1	P002 LP02	–	IBC08	B3
3498	IODINE MONOCHLORIDE, LIQUID	8	–	II	–	1 L	E0	P001	–	IBC02	–
3499	CAPACITOR, ELECTRIC DOUBLE LAYER (with an energy storage capacity greater than 0.3 Wh)	9	–	–	361	0	E0	P003	–	–	–
3500	CHEMICAL UNDER PRESSURE, N.O.S.	2.2	–	–	274 362	0	E0	P206	PP97	–	–
3501	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.	2.1	–	–	274 362	0	E0	P206	PP89	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	T20	TP2 TP13	F-G, S-N	Category D SW2 H1	
–	T14	TP2 TP13	F-E, S-E	Category D SW2	
–	T7	TP2	F-E, S-E	Category D SW2	
–	T4	TP1	F-E, S-E	Category C SW2	
–	T1	TP33	F-A, S-B	Category B SW2	
–	–	–	F-A, S-I	Category A SW1	
–	T3	TP33	F-A, S-J	Category B SW27	
–	T1	TP33	F-A, S-J	Category A	
–	T7	TP2	F-A, S-B	Category D SW2	
–	–	–	F-A, S-I	Category A	
–	T50	TP4 TP40	F-C, S-V	Category B	
–	T50	TP4 TP40	F-D, S-U	Category D SW2	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3507	URANIUM HEXAFLUORIDE, RADIOACTIVE MATERIAL, EXCEPTED PACKAGE, less than 0.1 kg per package, non-fissile or fissile-excepted	6.1	7/8	I	317 369	0	E0	P603	–	–	–
3508	CAPACITOR, ASYMMETRIC (with an energy storage capacity greater than 0.3Wh)	9	–	–	372	0	E0	P003	–	–	–
3509	PACKAGINGS, DISCARDED, EMPTY, UNCLEARED	9	–	–	968	0	E0	–	–	–	–
3510	ADSORBED GAS, FLAMMABLE, N.O.S.	2.1	–	–	274	0	E0	P208	–	–	–
3511	ADSORBED GAS, N.O.S.	2.2	–	–	274	0	E0	P208	–	–	–
3512	ADSORBED GAS, TOXIC, N.O.S.	2.3	–	–	274	0	E0	P208	–	–	–
3513	ADSORBED GAS, OXIDIZING, N.O.S.	2.2	5.1	–	274	0	E0	P208	–	–	–
3514	ADSORBED GAS, TOXIC, FLAMMABLE, N.O.S.	2.3	2.1	–	274	0	E0	P208	–	–	–
3515	ADSORBED GAS, TOXIC, OXIDIZING, N.O.S.	2.3	5.1	–	274	0	E0	P208	–	–	–
3516	ADSORBED GAS, TOXIC, CORROSIVE, N.O.S.	2.3	8	–	274 379	0	E0	P208	–	–	–
3517	ADSORBED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	2.3	2.1 8	–	274	0	E0	P208	–	–	–
3518	ADSORBED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	2.3	5.1 8	–	274	0	E0	P208	–	–	–
3519	BORON TRIFLUORIDE, ADSORBED	2.3	8	–	–	0	E0	P208	–	–	–
3520	CHLORINE, ADSORBED	2.3	5.1	–	–	0	E0	P208	–	–	–

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions	Provisions			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	
–	–	–	F-I, S-S	Category A SW12	
–	–	–	F-A, S-I	Category A	
–	–	–	–	–	
–	–	–	F-D, S-U	Category D SW2	
–	–	–	F-C, S-V	Category A	
–	–	–	F-C, S-U	Category D SW2	
–	–	–	F-C, S-W	Category D	
–	–	–	F-D, S-U	Category D SW2	
–	–	–	F-C, S-W	Category D SW2	
–	–	–	F-C, S-U	Category D SW2	
–	–	–	F-D, S-U	Category D SW2	
–	–	–	F-C, S-W	Category D SW2	
–	–	–	F-C, S-U	Category D SW2	
–	–	–	F-C, S-W	Category D	

Part 3 – Dangerous Goods List, special provisions and exceptions

UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3525	PHOSPHINE, ADSORBED	2.3	2.1	–	–	0	E0	P208	–	–	–
3526	HYDROGEN SELENIDE, ADSORBED	2.3	2.1	–	–	0	E0	P208	–	–	–
△ 3527	POLYESTER RESIN KIT, solid base material	4.1	–	II	236 340	5kg	See SP340	P412	–	–	–
△ 3527	POLYESTER RESIN KIT, solid base material	4.1	–	III	236 340	5kg	See SP340	P412	–	–	–
3528	ENGINE, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED or ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED or MACHINERY, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED or MACHINERY, FUEL CELL, FLAMMABLE LIQUID POWERED	3	–	–	363 972	0	E0	P005	–	–	–
3529	ENGINE, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED or ENGINE, FUEL CELL, FLAMMABLE GAS POWERED or MACHINERY, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED or MACHINERY, FUEL CELL, FLAMMABLE GAS POWERED	2.1	–	–	356 363 972	0	E0	P005	–	–	–
3530	ENGINE, INTERNAL COMBUSTION or MACHINERY, INTERNAL COMBUSTION	9	– P	–	363 972	0	E0	P005	–	–	–
3531	POLYMERIZING SUBSTANCE, SOLID, STABILIZED, N.O.S.	4.1	–	III	274 386	0	E0	P002	PP92	IBC07	B18
3532	POLYMERIZING SUBSTANCE, LIQUID, STABILIZED, N.O.S.	4.1	–	III	274 386	0	E0	P001	PP93	IBC03	B19
3533	POLYMERIZING SUBSTANCE, SOLID, TEMPERATURE	4.1	–	III	274 386	0	E0	P002	PP92	IBC07	B18

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
–	–	–	F-D, S-U	Category D SW2	
–	–	–	F-D, S-U	Category D SW2	
–	–	–	F-A, S-G	Category B	
–	–	–	F-A, S-G	Category B	
–	–	–	F-E, S-E	Category E SW29	
–	–	–	F-D, S-U	Category E	
–	–	–	F-A, S-F	Category A	
–	T7	TP4 TP6 TP33	F-J, S-G	Category D SW1	
–	T7	TP4 TP6	F-J, S-G	Category D SW1	
–	T7	TP4 TP6	F-F, S-K	Category D SW1	

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UN No.	Proper shipping name (PSN)	Class or division	Subsidiary hazard(s)	Packing group	Special provisions	Limited and excepted quantity provisions		Packing		IBC	
						Limited quantities	Excepted quantities	Instructions	Provisions	Instructions	Provisions
(1)	(2) 3.1.2	(3) 2.0	(4) 2.0	(5) 2.0.1.3	(6) 3.3	(7a) 3.4	(7b) 3.5	(8) 4.1.4	(9) 4.1.4	(10) 4.1.4	(11) 4.1.4
3536	LITHIUM BATTERIES INSTALLED IN CARGO TRANSPORT UNIT lithium ion batteries or lithium metal batteries	9	–	–	389	0	E0	–	–	–	–
3537	ARTICLES CONTAINING FLAMMABLE GAS, N.O.S.	2.1	See 2.0.6.6	–	274 391	0	E0	P006 LP03	–	–	–
3538	ARTICLES CONTAINING NON-FLAMMABLE, NON-TOXIC GAS, N.O.S.	2.2	See 2.0.6.6	–	274 391 396	0	E0	P006 LP03	–	–	–
3539	ARTICLES CONTAINING TOXIC GAS, N.O.S.	2.3	See 2.0.6.6	–	274 391	0	E0	–	–	–	–
3540	ARTICLES CONTAINING FLAMMABLE LIQUID, N.O.S.	3	See 2.0.6.6	–	274 391	0	E0	P006 LP03	–	–	–
3541	ARTICLES CONTAINING FLAMMABLE SOLID, N.O.S.	4.1	See 2.0.6.6	–	274 391	0	E0	P006 LP03	–	–	–
3542	ARTICLES CONTAINING A SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION, N.O.S.	4.2	See 2.0.6.6	–	274 391	0	E0	–	–	–	–
3543	ARTICLES CONTAINING A SUBSTANCE WHICH IN CONTACT WITH WATER EMITS FLAMMABLE GASES, N.O.S.	4.3	See 2.0.6.6	–	274 391	0	E0	–	–	–	–
3544	ARTICLES CONTAINING OXIDIZING SUBSTANCE, N.O.S.	5.1	See 2.0.6.6	–	274 391	0	E0	–	–	–	–
3545	ARTICLES CONTAINING ORGANIC PEROXIDE, N.O.S.	5.2	See 2.0.6.6	–	274 391	0	E0	–	–	–	–
3546	ARTICLES CONTAINING TOXIC SUBSTANCE, N.O.S.	6.1	See 2.0.6.6	–	274 391	0	E0	P006 LP03	–	–	–
3547	ARTICLES CONTAINING CORROSIVE SUBSTANCE, N.O.S.	8	See 2.0.6.6	–	274 391	0	E0	P006 LP03	–	–	–
3548	ARTICLES CONTAINING MISCELLANEOUS DANGEROUS GOODS, N.O.S.	9	See 2.0.6.6	–	274 391	0	E0	P006 LP03	–	–	–
3549	MEDICAL WASTE, CATEGORY A, AFFECTING HUMANS, solid or MEDICAL WASTE, CATEGORY A, AFFECTING ANIMALS only, solid	6.2	–	–	395 975	0	E0	P622 LP622	–	–	–
3550	COPPER DIOXYDROXIDE	6.1	–	–	395 975	0	E5	P003	–	IBC07	P1

Portable tanks and bulk containers			EmS	Stowage and handling	S
(12)	Tank instructions (13) 4.2.5 4.3	Provisions (14) 4.2.5			
(12)	(13) 4.2.5 4.3	(14) 4.2.5	(15) 5.4.3.4 7.8	(16a) 7.1 7.3–7.7	(16b) 7.2
–	–	–	F-A, S-I	Category A	–
–	–	–	F-D, S-U	Category D SW2	–
–	–	–	F-C, S-V	Category A	–
–	–	–	F-C, S-U	–	–
–	–	–	F-E, S-D	Category B	–
–	–	–	F-A, S-G	Category B	–
–	–	–	–	–	–
–	–	–	F-G, S-N	–	–
–	–	–	F-A, S-Q	–	–
–	–	–	F-J, S-R	–	–
–	–	–	F-A, S-A	Category B SW2 *	–
–	–	–	F-A, S-B	Category B SW2	–
–	–	–	F-A, S-P	Category A	–
–	–	–	F-A, S-T	Category E SW2 H1 H5	–
–	–	–	F-A, S-A	Category D	–

Chapter 3.3

Special provisions applicable to certain substances, materials or articles

- 3.3.1 When column 6 of the Dangerous Goods List indicates that a special provision is relevant to a dangerous good, the meaning and requirement(s) of that special provision are as set out below. Where a special provision includes a requirement for package marking, the provisions of 5.2.1.2.1 to .4 shall be met. If the required mark is in the form of specific wording indicated in quotation marks, such as "LITHIUM BATTERIES FOR DISPOSAL", the size of the mark shall be at least 12 mm, unless otherwise indicated in the special provision or elsewhere in this Code.
- 16 Samples of new or existing explosive substances or articles may be transported as directed by the competent authority for purposes including: testing, classification, research and development, quality control, or as a commercial sample. Explosive samples which are not wetted or desensitized shall be limited to 10 kg in small packages as specified by the competent authority. Explosive samples which are wetted or desensitized shall be limited to 25 kg.
 - 23 Even though this substance has a flammability hazard, it only exhibits such hazard under extreme fire conditions in confined areas.
 - 26 This substance is not permitted for transport in portable tanks, or intermediate bulk containers with a capacity exceeding 450 L, due to the potential initiation of an explosion when transported in large volumes.
 - 28 This substance may be transported under the provisions of class 4.1 only if it is so packaged that the percentage of diluent will not fall below that stated, at any time during transport (see 2.4.2.4).
 - 29 The packages, including bales, are exempt from labelling provided that they are marked with the appropriate class (e.g. "class 4.2").
 - 32 When in any other form, this substance is not subject to the provisions of this Code.
 - 37 When coated, this substance is not subject to the provisions of this Code.
 - 38 This substance, when it contains not more than 0.1% calcium carbide, is not subject to the provisions of this Code.
 - 39 This substance, when it contains less than 30% or not less than 90% silicon, is not subject to the provisions of this Code.
 - 43 When offered for transport as pesticides, these substances shall be transported under the relevant pesticide entry and in accordance with the relevant pesticide provisions (see 2.6.2.3 and 2.6.2.4).
 - 45 Antimony sulphides and oxides which contain not more than 0.5% of arsenic, calculated on the total mass, are not subject to the provisions of this Code.
 - 47 Ferricyanides and ferrocyanides are not subject to the provisions of this Code.
 - 59 These substances, when they contain not more than 50% magnesium, are not subject to the provisions of this Code.
 - 61 The technical name, which shall supplement the proper shipping name, shall be the ISO common name, or other name listed in *The WHO Recommended Classification of Pesticides by Hazard and Guidelines to Classification* or the name of the active substance (see also 3.1.2.8.1.1).
 - 62 This substance, when it contains not more than 4% sodium hydroxide, is not subject to the provisions of this Code.
 - 63 The division of class 2 and the subsidiary hazards depend on the nature of the contents of the aerosol dispenser. The following provisions shall apply:
 - .1 Class 2.1 applies if the contents include 85% by mass or more flammable components and the chemical heat of combustion is 30 kJ/g or more;
 - .2 Class 2.2 applies if the contents contain 1% by mass or less flammable components and the heat of combustion is less than 20 kJ/g.

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- .3 Otherwise the product shall be classified as tested by the tests described in the *Manual of Tests and Criteria*, part III, section 31. Extremely flammable and flammable aerosols shall be classified in class 2.1; non-flammable in class 2.2;
- .4 Gases of class 2.3 shall not be used as a propellant in an aerosol dispenser;
- .5 Where the contents other than the propellant of aerosol dispensers to be ejected are classified as class 6.1 packing groups II or III or class 8 packing groups II or III, the aerosol shall have a subsidiary hazard of class 6.1 or class 8;
- .6 Aerosols with contents meeting the criteria for packing group I for toxicity or corrosivity shall be prohibited from transport;
- .7 Except for consignments transported in limited quantities (see chapter 3.4), packages containing aerosols shall bear labels for the primary hazard and for the subsidiary hazard(s), if any.

Flammable components are flammable liquids, flammable solids or flammable gases and gas mixtures as defined in notes 1 to 3 of subsection 31.1.3 of part III of the *Manual of Tests and Criteria*. This designation does not cover pyrophoric, self-heating or water-reactive substances. The chemical heat of combustion shall be determined by one of the following methods: ASTM D240, ISO/FDIS 13943:1999 (E/F) 86.1 to 86.3 or NFPA 30B.

- 65 Hydrogen peroxide aqueous solutions with less than 8% hydrogen peroxide are not subject to the provisions of this Code.
- 66 Cinnabar is not subject to the provisions of this Code.
- 105 Nitrocellulose meeting the descriptions of UN 2556 or UN 2557 may be classified in class 4.1.
- 113 The transport of chemically unstable mixtures is prohibited.
- 117 Only regulated when transported by sea.
- 119 Refrigerating machines and refrigerating-machinery components including machines or other appliances which have been designed for the specific purpose of keeping food or other items at a low temperature in an internal compartment, and air-conditioning units. Refrigerating machines and refrigerating-machine components are not subject to the provisions of this Code if they contain less than 12 kg of gas in class 2.2 or less than 12 L of ammonia solution (UN 2672).
- 122 The subsidiary hazard(s), the control and emergency temperatures, if any, and the generic entry number for each of the currently assigned organic peroxide formulations are given in 2.5.3.2.4, 4.1.4.2 packing instruction IBC520 and 4.2.5.2.6 portable tank instruction T23.
- 123 Only regulated when transported by air or by sea.
- 127 Other inert material or inert material mixture may be used at the discretion of the competent authority, provided this inert material has identical phlegmatizing properties.
- 131 The phlegmatized substance shall be significantly less sensitive than dry PETN.
- 133 If over-confined in packagings, this substance may exhibit explosive behaviour. Packagings authorized under packing instruction P409 are intended to prevent over-confinement. When a packaging other than those prescribed under packing instruction P409 is authorized by the competent authority of the country of origin in accordance with 4.1.3.7, the package shall bear an "EXPLOSIVE" subsidiary hazard label (Model No. 1, see 5.2.2.2.2) unless the competent authority of the country of origin has permitted this label to be dispensed with for the specific packaging employed because test data have proved that the substance in this packaging does not exhibit explosive behaviour (see 5.4.1.5.5.1). The provisions of 7.1.3.1, 7.1.4.4 and 7.2.3.3 shall also be considered.
- 135 The dihydrated sodium salt of dichloroisocyanuric acid does not meet the criteria for inclusion in class 5.1 and is not subject to the provisions of this Code unless meeting the criteria for inclusion in another class or division.
- 138 *p*-Bromobenzyl cyanide is not subject to the provisions of this Code.
- 141 Products which have undergone sufficient heat treatment so that they present no hazard during transport are not subject to the provisions of this Code.
- 142 Solvent-extracted soya bean meal containing not more than 1.5% oil and 11% moisture, being substantially free from flammable solvents, which is accompanied by a certificate from the shipper stating that the substance, as offered for shipment, meets this requirement is not subject to the provisions of this Code.
- 144 An aqueous solution containing not more than 24% alcohol by volume is not subject to the provisions of this Code.
- 145 Alcoholic beverages of packing group III, when transported in receptacles of 250 L or less, are not subject to the provisions of this Code.
- 152 The classification of this substance will vary with particle size and packaging, but borderlines have not been experimentally determined. Appropriate classifications shall be made as required by 2.1.3.

Chapter 3.3 – Special provisions applicable to certain substances, materials or articles

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- 153 This entry applies only if it is demonstrated, on the basis of tests, that the substance, when in contact with water, is not combustible nor shows a tendency to auto-ignition and that the mixture of gases evolved is not flammable.
- 163 A substance specifically listed by name in the Dangerous Goods List shall not be transported under this entry. Materials transported under this entry may contain 20% or less nitrocellulose provided the nitrocellulose contains not more than 12.6% nitrogen (by dry mass).
- 168 Asbestos which is immersed or fixed in a natural or artificial binder (such as cement, plastics, asphalt, resins or mineral ore) in such a way that no escape of hazardous quantities of respirable asbestos fibres can occur during transport is not subject to the provisions of this Code. Manufactured articles containing asbestos and not meeting this provision are nevertheless not subject to the provisions of this Code when packaged so that no escape of hazardous quantities of respirable asbestos fibres can occur during transport.
- 169 Phthalic anhydride in the solid state and tetrahydrophthalic anhydride, with not more than 0.05% maleic anhydride, are not subject to the provisions of this Code. Phthalic anhydride molten at a temperature above its flashpoint, with not more than 0.05% maleic anhydride, shall be classified under UN 3256.
- 172 Where a radioactive material has (a) subsidiary hazard(s):
- .1 The substance shall be allocated to packing group I, II or III, if appropriate, by application of the packing group criteria provided in part 2 corresponding to the nature of the predominant subsidiary hazard;
 - .2 Packages shall be labelled with subsidiary hazard labels corresponding to each subsidiary hazard exhibited by the material; corresponding placards shall be affixed to cargo transport units in accordance with the relevant provisions of 5.3.1;
 - .3 For the purposes of documentation and package marking, the proper shipping name shall be supplemented with the name of the constituents which most predominantly contribute to this (these) subsidiary hazard(s) and which shall be enclosed in parenthesis;
 - .4 The dangerous goods transport document shall indicate the class or division of the subsidiary hazard and, where assigned, the packing group as required by 5.4.1.4.1.4 and 5.4.1.4.1.5.
- For packing, see also 4.1.9.1.5.
- 177 Barium sulphate is not subject to the provisions of this Code.
- 178 This entry shall be used only when no other appropriate entry exists in the list, and only with the approval of the competent authority of the country of origin.
- 181 Packages containing this type of substance shall bear the "EXPLOSIVE" subsidiary hazard label (Model No. 1, see 5.2.2.2.2) unless the competent authority of the country of origin has permitted this label to be dispensed with for the specific packaging employed because test data have proved that the substance in this packaging does not exhibit explosive behaviour (see 5.4.1.5.5.1). The provisions of 7.2.3.3 shall also be considered.
- 182 The group of alkali metals includes lithium, sodium, potassium, rubidium and caesium.
- 183 The group of alkaline earth metals includes magnesium, calcium, strontium and barium.
- 188 Cells and batteries offered for transport are not subject to other provisions of this Code if they meet the following:
- .1 For a lithium metal or lithium alloy cell, the lithium content is not more than 1 g, and for a lithium-ion cell, the watt-hour rating is not more than 20 Wh;
 - .2 For a lithium metal or lithium alloy battery, the aggregate lithium content is not more than 2 g, and for a lithium-ion battery, the watt-hour rating is not more than 100 Wh. Lithium-ion batteries subject to this provision shall be marked with the watt-hour rating on the outside case, except those manufactured before 1 January 2009;
 - .3 Each cell or battery meets the provisions of 2.9.4.1, 2.9.4.5, 2.9.4.6 if applicable and 2.9.4.7;
 - .4 Cells and batteries, except when installed in equipment, shall be packed in inner packagings that completely enclose the cell or battery. Cells and batteries shall be protected so as to prevent short circuits. This includes protection against contact with electrically conductive material within the same packaging that could lead to a short circuit. The inner packagings shall be packed in strong outer packagings which conform to the provisions of 4.1.1.1, 4.1.1.2, and 4.1.1.5;

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- .5 Cells and batteries when installed in equipment shall be protected from damage and short circuit, and the equipment shall be equipped with an effective means of preventing accidental activation. This requirement does not apply to devices which are intentionally active in transport (radio frequency identification (RFID) transmitters, watches, sensors, etc.) and which are not capable of generating a dangerous evolution of heat. When batteries are installed in equipment, the equipment shall be packed in strong outer packagings constructed of suitable material of adequate strength and design in relation to the packaging's capacity and its intended use unless the battery is afforded equivalent protection by the equipment in which it is contained;
- .6 Each package shall be marked with the appropriate lithium battery mark, as illustrated in 5.2.1.10;

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△ **Note:** Packages containing lithium batteries packed in conformity with the provisions of part 4, chapter 11, packing instructions 965 or 968, Section IB of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air that bear the mark as shown in 5.2.1.10 (lithium battery mark) and the label shown in 5.2.2.2.2, Model No. 9A shall be deemed to meet the provisions of this special provision.

This requirement does not apply to:

- .1 packages containing only button cell batteries installed in equipment (including circuit boards); and
- .2 packages containing no more than four cells or two batteries installed in equipment, where there are not more than two packages in the consignment.

When packages are placed in an overpack, the lithium battery mark shall either be clearly visible or be reproduced on the outside of the overpack and the overpack shall be marked with the word "OVERPACK". The lettering of the "OVERPACK" mark shall be at least 12 mm high;

- .7 Except when cells or batteries are installed in equipment, each package shall be capable of withstanding a 1.2 m drop test in any orientation without damage to cells or batteries contained therein, without shifting of the contents so as to allow battery to battery (or cell to cell) contact and without release of contents; and
- .8 Except when cells or batteries are installed in or packed with equipment, packages shall not exceed 30 kg gross mass. As used in this special provision "equipment" means apparatus for which the lithium cells or batteries will provide electrical power for its operation.

As used above and elsewhere in this Code, "lithium content" means the mass of lithium in the anode of a lithium metal or lithium alloy cell.

Separate entries exist for lithium metal batteries and lithium ion batteries to facilitate the transport of these batteries for specific modes of transport and to enable the application of different emergency response actions.

A single cell battery as defined in part III, subsection 38.3.2.3 of the *Manual of Tests and Criteria* is considered a "cell" and shall be transported according to the requirements for "cells" for the purpose of this special provision.

- 190 Aerosol dispensers shall be provided with protection against inadvertent discharge. Aerosols with a capacity not exceeding 50 mL containing only non-toxic constituents are not subject to the provisions of this Code.
- 191 Receptacles with a capacity not exceeding 50 mL containing only non-toxic constituents are not subject to the provisions of this Code.
- 193 This entry may only be used for ammonium nitrate based compound fertilizers. They shall be classified in accordance with the procedure as set out in the *Manual of Tests and Criteria*, part III, section 39.
- 194 The control and emergency temperatures, if any, and the generic entry number for each of the currently assigned self-reactive substances are given in 2.4.2.3.2.3.
- 195 For certain organic peroxides types B or C, a smaller packaging than that allowed by packing methods OP5 or OP6 respectively has to be used (see 4.1.7 and 2.5.3.2.4).
- 196 Formulations which, in laboratory testing, neither detonate in the cavitated state nor deflagrate, which show no effect when heated under confinement and which exhibit no explosive power may be transported under this entry. The formulation must also be thermally stable (i.e. the SADT is 60°C or higher for a 50 kg package). Formulations not meeting these criteria shall be transported under the provisions of class 5.2 (see 2.5.3.2.4).
- 198 Nitrocellulose solutions containing not more than 20% nitrocellulose may be transported as paint, perfumery products or printing ink, as applicable. See UN Nos. 1210, 1263, 1266, 3066, 3469 and 3470.

- 199 Lead compounds which, when mixed in a ratio of 1:1000 with 0.07M hydrochloric acid and stirred for one hour at a temperature of $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$, exhibit a solubility of 5% or less (see ISO 3711:1990, *Lead chromate pigments and lead chromate-molybdate pigments – Specifications and methods of test*) are considered insoluble and are not subject to the provisions of this Code unless they meet the criteria for inclusion in another hazard class.
- 201 Lighters and lighter refills shall comply with the provisions of the country in which they were filled. They shall be provided with protection against inadvertent discharge. The liquid portion of the gas shall not exceed 85% of the capacity of the receptacle at 15°C . The receptacles, including the closures, shall be capable of withstanding an internal pressure of twice the pressure of the liquefied petroleum gas at 55°C . The valve mechanisms and ignition devices shall be securely sealed, taped or otherwise fastened or designed to prevent operation or leakage of the contents during transport. Lighters shall not contain more than 10 g of liquefied petroleum gas. Lighter refills shall not contain more than 65 g of liquefied petroleum gas.
- 203 This entry shall not be used for polychlorinated biphenyls, UN 2315.
- 204 Articles containing smoke-producing substance(s) corrosive according to the criteria for class 8 shall be labelled with a "CORROSIVE" subsidiary hazard label (Model No. 8, see 5.2.2.2.2).
Articles containing smoke-producing substance(s) toxic by inhalation according to the criteria for class 6.1 shall be labelled with a "TOXIC" subsidiary hazard label (Model No. 6.1, see 5.2.2.2.2), except that those manufactured before 31 December 2016 may be transported until 1 January 2019 without a "TOXIC" subsidiary hazard label.
- 205 This entry shall not be used for PENTACHLOROPHENOL, UN 3155.
- 207 Plastics moulding compounds may be made from polystyrene, poly(methyl methacrylate) or other polymeric material.
- 208 The commercial grade of calcium nitrate fertilizer, when consisting mainly of a double salt (calcium nitrate and ammonium nitrate) containing not more than 10% ammonium nitrate and at least 12% water of crystallization, is not subject to the provisions of this Code.
- 209 The gas shall be at a pressure corresponding to ambient atmospheric pressure at the time the containment system is closed and this shall not exceed 105 kPa absolute.
- 210 Toxins from plant, animal or bacterial sources which contain infectious substances, or toxins that are contained in infectious substances, shall be classified under class 6.2.
- 215 This entry only applies to the technically pure substance or to formulations derived from it, having an SADT higher than 75°C , and, therefore, does not apply to formulations which are self-reactive substances (for self-reactive substances, see 2.4.2.3.2.3). Homogeneous mixtures containing not more than 35% by mass of azodicarbonamide and at least 65% of inert substance are not subject to this Code unless criteria of other classes are met.
- 216 Mixtures of solids which are not subject to the provisions of this Code and flammable liquids may be transported under this entry without first applying the classification criteria of class 4.1, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or cargo transport unit is closed. Each cargo transport unit shall be leakproof when used as a bulk container. Sealed packets and articles containing less than 10 mL of a packing group II or III flammable liquid absorbed into a solid material are not subject to the provisions of this Code provided there is no free liquid in the packet or article.
- 217 This entry shall only be used for mixtures of solids which are not subject to the provisions of this Code and toxic liquids may be transported under this entry without first applying the classification criteria of class 6.1, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or cargo transport unit is closed. Each cargo transport unit shall be leakproof when used as a bulk container. This entry shall not be used for solids containing a packing group I liquid.
- 218 This entry shall only be used for mixtures of solids which are not subject to the provisions of this Code and corrosive liquids may be transported under this entry without first applying the classification criteria of class 8, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or cargo transport unit is closed. Each cargo transport unit shall be leakproof when used as a bulk container. This entry shall not be used for solids containing a packing group I liquid.
- 219 Genetically modified microorganisms (GMMOs) and genetically modified organisms (GMOs) packed and marked in accordance with packing instruction P904 are not subject to any other provisions of this Code.
If GMMOs or GMOs meet the definition in chapter 2.6 of a toxic substance or an infectious substance and the criteria for inclusion in class 6.1 or 6.2, the provisions of this Code for transporting toxic substances or infectious substances apply.

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- 220 The technical name of the flammable liquid component only of this solution or mixture shall be shown in parentheses immediately following the proper shipping name.
- 221 Substances included under this entry shall not be of packing group I.
- 223 If the chemical or physical properties of a substance covered by this description are such that, when tested, it does not meet the established defining criteria for the class or division listed in column 3, or any other class or division, it is not subject to the provisions of this Code except in the case of a marine pollutant where 2.10.3 applies.
- 224 Unless it can be demonstrated by testing that the sensitivity of the substance in its frozen state is no greater than in its liquid state, the substance shall remain liquid during normal transport conditions. It shall not freeze at temperatures above -15°C .
- 225 Fire extinguishers under this entry may include installed actuating cartridges (cartridges, power device of division 1.4C or 1.4S) without changing the classification of class 2.2 provided the total quantity of deflagrating (propellant) explosives does not exceed 3.2 g per extinguishing unit. Fire extinguishers shall be manufactured, tested, approved and labelled according to the provisions applied in the country of manufacture.
- Note:** "Provisions applied in the country of manufacture" means the provisions applicable in the country of manufacture or those applicable in the country of use.
- Fire extinguishers under this entry include:
- .1 portable fire extinguishers for manual handling and operation;
 - **Note:** This entry applies to portable fire extinguishers, even if some components that are necessary for their proper functioning (e.g. hoses and nozzles) are temporarily detached, as long as the safety of the pressurized extinguishing agent containers is not compromised and the fire extinguishers continue to be identified as portable fire extinguishers.
 - .2 fire extinguishers for installation in aircraft;
 - .3 fire extinguishers mounted on wheels for manual handling;
 - .4 fire extinguishing equipment or machinery mounted on wheels or wheeled platforms or units transported similar to (small) trailers; and
 - .5 fire extinguishers composed of a non-rollable pressure drum and equipment, and handled, e.g. by fork lift or crane when loaded or unloaded.
- Note:** Pressure receptacles which contain gases for use in the above-mentioned extinguishers or for use in stationary fire-fighting installations shall meet the requirements in chapter 6.2 and all requirements applicable to the relevant dangerous goods when these pressure receptacles are transported separately.
- 226 Formulations of these substances containing not less than 30% non-volatile, non-flammable phlegmatizer are not subject to the provisions of this Code.
- 227 When phlegmatized with water and inorganic inert material, the content of urea nitrate may not exceed 75% by mass and the mixture shall not be capable of being detonated by the series 1, type (a) test in the *Manual of Tests and Criteria*, part I.
- 228 Mixtures not meeting the criteria for flammable gases (class 2.1) shall be transported under UN 3163.
- 230 Lithium cells and batteries may be transported under this entry if they meet the provisions of 2.9.4.
- 232 This entry shall only be used when the substance does not meet the criteria of any other class. Transport in cargo transport units other than in tanks shall be in accordance with standards specified by the competent authority of the country of origin.
- 235 This entry applies to articles which contain class 1 explosive substances and which may also contain dangerous goods of other classes. These articles are used to enhance safety in vehicles, vessels or aircraft, e.g. air bag inflators, air bag modules, seat-belt pretensioners, and pyromechanical devices.
- 236 Polyester resin kits consist of two components: a base material (either class 3 or class 4.1, packing group II or III) and an activator (organic peroxide). The organic peroxide shall be type D, E, or F, not requiring temperature control. The packing group shall be II or III, according to the criteria of either class 3 or class 4.1, as appropriate, applied to the base material. The quantity limit shown in column 7a of the Dangerous Goods List of chapter 3.2 applies to the base material.
- 237 The membrane filters, including paper separators, coating or backing materials, etc., that are present in transport, shall not be liable to propagate a detonation as tested by one of the tests described in the *Manual of Tests and Criteria*, part I, test series 1(a).
- In addition, the competent authority may determine, on the basis of the results of suitable burning rate tests taking account of the standard tests in the *Manual of Tests and Criteria*, part III, 33.2.1, that nitrocellulose membrane filters in the form in which they are to be transported are not subject to the provisions of this Code applicable to flammable solids in class 4.1.

- 238 .1 Batteries can be considered as non-spillable provided that they are capable of withstanding the vibration and pressure differential tests given below, without leakage of battery fluid:
- Vibration test:** The battery is rigidly clamped to the platform of a vibration machine and a simple harmonic motion having an amplitude of 0.8 mm (1.6 mm maximum total excursion) is applied. The frequency is varied at the rate of 1 Hz/min between the limits of 10 Hz and 55 Hz. The entire range of frequencies and return is traversed in 95 ± 5 minutes for each mounting position (direction of vibration) of the battery. The battery is tested in three mutually perpendicular positions (to include testing with fill openings and vents, if any, in an inverted position) for equal time periods.
- Pressure differential test:** Following the vibration test, the battery is stored for six hours at $24^{\circ}\text{C} \pm 4^{\circ}\text{C}$ while subjected to a pressure differential of at least 88 kPa. The battery is tested in three mutually perpendicular positions (to include testing with fill openings and vents, if any, in an inverted position) for at least six hours in each position.
- Non-spillable type batteries which are an integral part of and necessary for the operation of mechanical or electronic equipment shall be securely fastened in the battery holder on the equipment and protected in such a manner as to prevent damage and short circuits.
- 238 .2 Non-spillable batteries are not subject to the provisions of this Code if, at a temperature of 55°C , the electrolyte will not flow from a ruptured or cracked case and there is no free liquid to flow and if, when packaged for transport, the terminals are protected from short circuit.
- 239 Batteries or cells shall not contain dangerous goods other than sodium, sulphur or sodium compounds (e.g. sodium polysulphides and sodium tetrachloroaluminate). Batteries or cells shall not be offered for transport at a temperature such that liquid elemental sodium is present in the battery or cell, unless approved and under the conditions established by the competent authority.
- Cells shall consist of hermetically sealed metal casings which fully enclose the dangerous goods and which are so constructed and closed as to prevent the release of the dangerous goods under normal conditions of transport.
- Batteries shall consist of cells secured within and fully enclosed by a metal casing so constructed and closed as to prevent the release of the dangerous goods under normal conditions of transport.
- 240 *Deleted.*
- 241 The formulation shall be prepared so that it remains homogeneous and does not separate during transport. Formulations with low nitrocellulose contents and not showing dangerous properties when tested for their liability to detonate, deflagrate or explode when heated under defined confinement by tests of test series 1(a), 2(b) and 2(c) respectively in the *Manual of Tests and Criteria*, part I and not being a flammable solid when tested in accordance with test N.1 in the *Manual of Tests and Criteria*, part III, subsection 33.2.4 (chips, if necessary, crushed and sieved to a particle size of less than 1.25 mm) are not subject to the provisions of this Code.
- 242 Sulphur is not subject to the provisions of this Code when it has been formed to a specific shape (such as prills, granules, pellets, pastilles or flakes).
- 243 Gasoline, motor spirit and petrol for use in spark-ignition engines (e.g. in automobiles, stationary engines and other engines) shall be assigned to this entry regardless of variations in volatility.
- 244 This entry includes materials and substances such as aluminium dross, aluminium skimmings, spent cathodes, spent potliner and aluminium salt slags.
- Before loading, these by-products shall be cooled to ambient temperature, unless they have been calcined to remove moisture. Cargo transport units containing bulk loads shall be adequately ventilated and protected against ingress of water throughout the journey.
- 247 Alcoholic beverages containing more than 24% alcohol but not more than 70% by volume, when transported as part of the manufacturing process, may be transported in wooden barrels with a capacity of more than 250 L and not more than 500 L meeting the general requirements of 4.1.1, as appropriate, on the following conditions:
- .1 the wooden barrels shall be checked and tightened before filling;
 - .2 sufficient ullage (not less than 3%) shall be left to allow for the expansion of the liquid;
 - .3 the wooden barrels shall be transported with the bungholes pointing upwards;
 - .4 the wooden barrels shall be transported in containers meeting the provisions of the *International Convention for Safe Containers, 1972* (CSC Convention), as amended, and each wooden barrel shall be secured in custom-made cradles and be wedged by appropriate means to prevent it from being displaced in any way during transport; and
 - .5 when carried on board ships, the containers shall be stowed in open cargo spaces or in enclosed cargo spaces complying with the requirements for class 3 flammable liquids with a flashpoint of 23°C c.c. or less in regulation II-2/19 of SOLAS, 74, as amended or regulation II-2/54 of SOLAS 74, as amended by the resolutions indicated in II-2/1.2.1, as applicable.

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- 249 Ferrocium, stabilized against corrosion, with a minimum iron content of 10% is not subject to the provisions of this Code.
- 250 This entry may only be used for samples of chemicals taken for analysis in connection with the implementation of the Convention on the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons and on their Destruction. The transport of substances under this entry shall be in accordance with the chain of custody and security procedures specified by the Organization for the Prohibition of Chemical Weapons.
- The chemical sample may only be transported provided prior approval has been granted by the competent authority or the Director General of the Organization for the Prohibition of Chemical Weapons and providing the sample complies with the following conditions:
- .1 it shall be packaged according to packing instruction 623 in the International Civil Aviation Organization's Technical Instructions for the Safe Transport of Dangerous Goods by Air; and
 - .2 during transport, it shall be accompanied by a copy of the document of approval for transport, showing the quantity limitations and the packing provisions.
- 251 The entry CHEMICAL KIT or FIRST AID KIT is intended to apply to boxes, cases, etc., containing small quantities of various dangerous goods which are used, for example, for medical, analytical, testing or repair purposes. Such kits shall only contain dangerous goods that are permitted as:
- .1 excepted quantities not exceeding the quantity indicated by the code in column 7b of the Dangerous Goods List of chapter 3.2, provided that the net quantity per inner packaging and net quantity per package are as prescribed in 3.5.1.2 and 3.5.1.3; or
 - .2 limited quantities as indicated in column 7a of the Dangerous Goods List of chapter 3.2, provided that the net quantity per inner packaging does not exceed 250 mL or 250 g.
- Components shall not react dangerously (see 4.1.1.6). The total quantity of dangerous goods in any one kit shall not exceed either 1 L or 1 kg.
- For the purposes of completion of the dangerous goods transport document as set out in 5.4.1.4.1, the packing group shown on the document shall be the most stringent packing group assigned to any individual substance in the kit. Where the kit contains only dangerous goods to which no packing group is assigned, no packing group need be indicated on the dangerous goods transport document.
- Kits which are carried on board vehicles for first-aid or operating purposes are not subject to the provisions of this Code.
- Chemical kits and first aid kits containing dangerous goods in inner packagings which do not exceed the quantity limits for limited quantities applicable to individual substances as specified in column 7a of the Dangerous Goods List may be transported in accordance with chapter 3.4.
- 252 Provided the ammonium nitrate remains in solution under all conditions of transport, aqueous solutions of ammonium nitrate, with not more than 0.2% combustible material, in a concentration not exceeding 80%, are not subject to the provisions of this Code.
- 266 This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.
- 267 Any explosives, blasting, type C containing chlorates shall be segregated from explosives containing ammonium nitrate or other ammonium salts.
- 270 Aqueous solutions of class 5.1 inorganic solid nitrate substances are considered as not meeting the criteria of class 5.1 if the concentration of the substances in solution at the minimum temperature encountered in transport is not greater than 80% of the saturation limit.
- 271 Lactose or glucose or similar materials may be used as a phlegmatizer provided that the substance contains not less than 90%, by mass, of phlegmatizer. The competent authority may authorize these mixtures to be classified under class 4.1 on the basis of series 6(c) tests of part I of the *Manual of Tests and Criteria* on at least three packages as prepared for transport. Mixtures containing at least 98%, by mass, of phlegmatizer are not subject to the provisions of this Code. Packages containing mixtures with not less than 90%, by mass, of phlegmatizer need not bear a "TOXIC" subsidiary hazard label.
- 272 This substance shall not be transported under the provisions of class 4.1 unless specifically authorized by the competent authority (see UN 0143 or UN 0150 as appropriate).
- 273 Maneb and maneb preparations stabilized against self-heating need not be classified in class 4.2 when it can be demonstrated by testing that a cubic volume of 1 m³ of substance does not self-ignite and that the temperature at the centre of the sample does not exceed 200°C when the sample is maintained at a temperature of not less than 75°C ± 2°C for a period of 24 hours.
- 274 For the purposes of documentation and package marking, the proper shipping name shall be supplemented with the technical name (see 3.1.2.8.1).
- For UN 3077 and UN 3082 only, the technical name may be a name shown in capital letters in column 2 of the Dangerous Goods List, provided that this name does not include "N.O.S." and that

special provision 274 is not assigned. The name which most appropriately describes the substance or mixture shall be used, e.g.:

UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PAINT)

UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PERFUMERY PRODUCTS).

- 277 For aerosols or receptacles containing toxic substances, the limited quantity value is 120 mL. For all other aerosols or receptacles, the limited quantity value is 1,000 mL.
- 278 These substances shall not be classified and transported unless authorized by the competent authority on the basis of results from series 2 tests and series 6(c) tests of part I of the *Manual of Tests and Criteria* on packages as prepared for transport (see 2.1.3.1). The competent authority shall assign the packing group on the basis of the chapter 2.3 criteria and the package type used for the series 6(c) tests.
- 279 The substance is assigned to this classification or packing group based on human experience rather than the strict application of classification criteria set out in this Code.
- 280 This entry applies to safety devices for vehicles, vessels or aircraft, e.g. air bag inflators, air bag modules, seat-belt pretensioners, and pyromechanical devices, which contain dangerous goods of class 1 or of other classes, when transported as component parts and if these articles as presented for transport have been tested in accordance with test series 6(c) of part I of the *Manual of Tests and Criteria*, with no explosion of the device, no fragmentation of device casing or pressure receptacle, and no projection hazard nor thermal effect which would significantly hinder fire-fighting or emergency response efforts in the immediate vicinity. This entry does not apply to life-saving appliances described in special provision 296 (UN Nos. 2990 and 3072).
- 281 Transport of hay, straw or bhusa when wet, damp or contaminated with oil is prohibited and when not wet or contaminated with oil is subject to the provisions of this Code.
- 283 Articles, containing gas, intended to function as shock absorbers, including impact-energy-absorbing devices or pneumatic springs, are not subject to the provisions of this Code provided:
- .1 each article has a gas space capacity not exceeding 1.6 L and a charge pressure not exceeding 280 bar where the product of the capacity (litres) and charge pressure (bar) does not exceed 80 (i.e. 0.5 L gas space and 160 bar charge pressure, 1 L gas space and 80 bar charge pressure, 1.6 L gas space and 50 bar charge pressure, 0.28 L gas space and 280 bar charge pressure);
 - .2 each article has a minimum burst pressure of 4 times the charge pressure at 20°C for products not exceeding 0.5 L gas space capacity and 5 times charge pressure for products greater than 0.5 L gas space capacity;
 - .3 each article is manufactured from material which will not fragment upon rupture;
 - .4 each article is manufactured in accordance with a quality-assurance standard acceptable to the competent authority; and
 - .5 the design type has been subjected to a fire test demonstrating that pressure in the article is relieved by means of a fire-degradable seal or other pressure relief device, such that the article will not fragment and that the article does not rocket.
- 284 An oxygen generator, chemical, containing oxidizing substances shall meet the following conditions:
- .1 the generator, when containing an explosive device, shall only be transported under this entry when excluded from class 1 in accordance with 2.1.3 of this Code;
 - .2 the generator, without its packaging, shall be capable of withstanding a 1.8 m drop test onto a rigid, non-resilient, flat and horizontal surface, in the position most likely to cause damage, without loss of its contents and without actuation; and
 - .3 when the generator is equipped with an actuating device, it shall have at least two positive means of preventing unintentional actuation.
- 286 Nitrocellulose membrane filters covered by this entry, each with a mass not exceeding 0.5 g, are not subject to the provisions of this Code when contained individually in an article or a sealed packet.
- 288 These substances shall not be classified and transported unless authorized by the competent authority on the basis of results from series 2 tests and a series 6(c) test of part I of the *Manual of Tests and Criteria* on packages as prepared for transport (see 2.1.3).
- 289 Safety devices, electrically initiated and safety devices, pyrotechnic installed in vehicles, vessels or aircraft or in completed components such as steering columns, door panels, seats, etc., are not subject to the provisions of this Code.
- 290 When this radioactive material meets the definitions and criteria of other classes or divisions as defined in part 2, it shall be classified in accordance with the following:
- .1 where the substance meets the criteria for dangerous goods in excepted quantities as set out in chapter 3.5, the packagings shall be in accordance with 3.5.2 and meet the testing requirements

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of 3.5.3. All other requirements applicable to radioactive material, excepted packages as set out in 1.5.1.5 shall apply without reference to the other class or division;

- .2 where the quantity exceeds the limits specified in 3.5.1.2, the substance shall be classified in accordance with the predominant subsidiary hazard. The dangerous goods transport document shall describe the substance with the UN number and proper shipping name applicable to the other class supplemented with the name applicable to the radioactive excepted package according to column 2 in the Dangerous Goods List of chapter 3.2, and the substance shall be transported in accordance with the provisions applicable to that UN number. An example of the information shown on the dangerous goods transport document is:

UN 1993, Flammable liquid, N.O.S. (ethanol and toluene mixture), Radioactive material, excepted package – limited quantity of material, class 3, PG II.

In addition, the provisions of 2.7.2.4.1 shall apply;

- .3 the provisions of chapter 3.4 for the transport of dangerous goods packed in limited quantities shall not apply to substances classified in accordance with subparagraph .2;
- .4 when the substance meets a special provision that exempts this substance from all dangerous goods provisions of the other classes, it shall be classified in accordance with the applicable UN number of class 7 and all requirements specified in 1.5.1.5 shall apply.

291 Flammable liquefied gases shall be contained within refrigerating-machine components. These components shall be designed and tested to at least three times the working pressure of the machinery. The refrigerating machines and refrigerating-machine components shall be designed and constructed to contain the liquefied gas and preclude the risk of bursting or cracking of the pressure-retaining components during normal conditions of transport. Refrigerating machines and refrigerating-machine components are not subject to the provisions of this Code if they contain less than 12 kg of gas.

293 The following definitions apply to matches:

- .1 *Fusee matches* are matches the heads of which are prepared with a friction-sensitive igniter composition and a pyrotechnic composition which burns with little or no flame, but with intense heat;
- .2 *Safety matches* are matches that combined with or attached to the box, book or card that can be ignited by friction only on a prepared surface;
- .3 *“Strike anywhere” matches* are matches that can be ignited by friction on a solid surface;
- .4 *Wax ‘Vesta’ matches* are matches that can be ignited by friction either on a prepared surface or on a solid surface.

294 Safety matches and wax ‘Vesta’ matches in an outer packaging not exceeding 25 kg net mass are not subject to any other provision (except marking) of this Code when packaged in accordance with packing instruction P407.

295 Batteries need not be individually marked and labelled if the pallet bears the appropriate mark and label.

296 These entries apply to life-saving appliances such as liferafts, personal flotation devices and self-inflating slides. UN 2990 applies to self-inflating appliances. UN 3072 applies to life-saving appliances that are not self-inflating. Life-saving appliances may contain:

- .1 signal devices (class 1) which may include smoke and illumination signal flares packed in packagings that prevent them from being inadvertently activated;
- .2 for UN 2990 only, cartridges, power device of division 1.4, compatibility group S, may be contained for purposes of the self-inflating mechanism and provided that the quantity of explosives per appliance does not exceed 3.2 g;
- .3 class 2.2 compressed or liquefied gases;
- .4 electric storage batteries (class 8) and lithium batteries (class 9);
- .5 first aid kits or repair kits containing small quantities of dangerous goods (e.g. classes 3, 4.1, 5.2, 8 or 9 substances); or
- .6 “Strike anywhere” matches packed in packagings that prevent them from being inadvertently activated.

Life-saving appliances packed in strong rigid outer packagings with a total maximum gross mass of 40 kg, containing no dangerous goods other than class 2.2 compressed or liquefied gases with no subsidiary hazard in receptacles with a capacity not exceeding 120 mL, installed solely for the purpose of the activation of the appliance, are not subject to the provision of this Code.

299 Consignments of:

- .1 Cotton, dry having a density not less than 360 kg/m³;
- .2 Flax, dry having a density not less than 400 kg/m³;
- .3 Sisal, dry having a density not less than 360 kg/m³; and
- .4 Tampico fibre, dry having a density not less than 360 kg/m³,

according to ISO 8115:1986, are not subject to the provisions of this Code when transported in closed cargo transport units.

- 300 Fish meal, fish scrap and krill meal shall not be transported if the temperature at the time of loading exceeds 35°C or 5°C above the ambient temperature, whichever is higher.
- 301 This entry only applies to articles such as machinery, apparatus or devices containing dangerous goods as a residue or an integral element of the articles. It shall not be used for articles for which a proper shipping name already exists in the Dangerous Goods List. Articles transported under this entry shall only contain dangerous goods which are authorized to be transported in accordance with the provisions in chapter 3.4 (Limited quantities). The quantity of dangerous goods in articles shall not exceed the quantity specified in column 7a of the Dangerous Goods List for each item of dangerous goods contained. If the articles contains more than one item of dangerous goods, the individual dangerous goods shall be enclosed to prevent them reacting dangerously with one another during transport (see 4.1.1.6). When it is required to ensure liquid dangerous goods remain in their intended orientation, orientation arrows shall be displayed on at least two opposite vertical sides with the arrows pointing in the correct direction in accordance with 5.2.1.7.1.
- 302 Fumigated cargo transport units containing no other dangerous goods are only subject to the provisions of 5.5.2.
- 303 Receptacles shall be assigned to the class and, if any, subsidiary hazard of the gas or mixture of gases contained therein determined in accordance with the provisions of chapter 2.2.
- 304 This entry may only be used for the transport of non-activated batteries which contain dry potassium hydroxide and which are intended to be activated prior to use by the addition of an appropriate amount of water to the individual cells.
- 305 These substances are not subject to the provisions of this Code when in concentrations of not more than 50 mg/kg.
- 306 This entry may only be used for substances that are too insensitive for acceptance into class 1 when tested in accordance with test series 2 (see *Manual of Tests and Criteria*, part I).
- 307 This entry may only be used for ammonium nitrate based fertilizers. They shall be classified in accordance with the procedure as set out in the *Manual of Tests and Criteria*, part III, section 39.
- 308 Stabilization of fish meal shall be achieved to prevent spontaneous combustion by effective application of ethoxyquin, BHT (butylated hydroxytoluene) or tocopherols (also used in a blend with rosemary extract) at the time of production. The said application shall occur within twelve months prior to shipment. Fish scrap or fish meal shall contain at least 50 ppm (mg/kg) of ethoxyquin, 100 ppm (mg/kg) of BHT or 250 ppm (mg/kg) of tocopherol based antioxidant at the time of shipment.
- 309 This entry applies to non-sensitized emulsions, suspensions and gels consisting primarily of a mixture of ammonium nitrate and fuel, intended to produce a Type E blasting explosive only after further processing prior to use.
- The mixture for emulsions typically has the following composition: 60–85% ammonium nitrate, 5–30% water, 2–8% fuel, 0.5–4% emulsifier agent, 0–10% soluble flame suppressants, and trace additives. Other inorganic nitrate salts may replace part of the ammonium nitrate.
- The mixture for suspensions and gels typically has the following composition: 60–85% ammonium nitrate, 0–5% sodium or potassium perchlorate, 0–17% hexamine nitrate or monomethylamine nitrate, 5–30% water, 2–15% fuel, 0.5–4% thickening agent, 0–10% soluble flame suppressants, and trace additives. Other inorganic nitrate salts may replace part of the ammonium nitrate.
- Substances shall satisfy the criteria for classification as an ammonium nitrate emulsion, suspension or gel, intermediate for blasting explosives (ANE) of Test Series 8 of the *Manual of Tests and Criteria*, part I, section 18 and be approved by the competent authority.
- 310 The testing requirements in the *Manual of Tests and Criteria*, part III, subsection 38.3 do not apply to production runs, consisting of not more than 100 cells or batteries, or to pre-production prototypes of cells or batteries when these prototypes are transported for testing when packaged in accordance with packing instruction P910 of 4.1.4.1 or LP905 of 4.1.4.3, as applicable.
- The transport document shall include the following statement: "Transport in accordance with special provision 310".
- Damaged or defective cells, batteries, or cells and batteries contained in equipment shall be transported in accordance with special provision 376.
- Cells, batteries or cells and batteries contained in equipment transported for disposal or recycling may be packaged in accordance with special provision 377 and packing instruction P909 of 4.1.4.1.
- 311 Substances shall not be transported under this entry unless approved by the competent authority on the basis of the results of appropriate tests according to part I of the *Manual of Tests and Criteria*. Packaging shall ensure that the percentage of diluent does not fall below that stated in the competent authority approval at any time during transport.

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- 314 .1 These substances are liable to exothermic decomposition at elevated temperatures. Decomposition can be initiated by heat or by impurities (e.g. powdered metals (iron, manganese, cobalt, magnesium) and their compounds).
- .2 During the course of transport, these substances shall be shaded from direct sunlight and all sources of heat and be placed in adequately ventilated areas.
- 315 This entry shall not be used for class 6.1 substances which meet the inhalation toxicity criteria for packing group I described in 2.6.2.2.4.3.
- 316 This entry applies only to calcium hypochlorite, dry, when transported in non-friable tablet form.
- 317 "Fissile-excepted" applies only to those fissile materials and packages containing fissile material which are excepted in accordance with 2.7.2.3.5.
- 318 For the purposes of documentation, the proper shipping name shall be supplemented with the technical name (see 3.1.2.8). Technical names need not be shown on the package. When the infectious substances to be transported are unknown, but suspected of meeting the criteria for inclusion in category A and assignment to UN 2814 or UN 2900, the words "suspected category A infectious substance" shall be shown, in parentheses, following the proper shipping name on the transport document, but not on the outer packagings.
- 319 Substances packed and packages marked in accordance with packing instruction P650 are not subject to any other provisions of this Code.
- 321 These storage systems shall always be considered as containing hydrogen.
- 322 When transported in non-friable tablet form, these goods are assigned to packing group III.
- 323 *Deleted.*
- 324 This substance needs to be stabilized when in concentrations of not more than 99%.
- 325 In the case of non-fissile or fissile-excepted uranium hexafluoride, the material shall be classified under UN 2978.
- 326 In the case of fissile uranium hexafluoride, the material shall be classified under UN 2977.
- 327 Waste aerosols and waste gas cartridges consigned in accordance with 5.4.1.4.3.3 may be transported under UN 1950 or UN 2037, as appropriate, for the purposes of reprocessing or disposal. They need not be protected against movement and inadvertent discharge provided that measures to prevent dangerous build-up of pressure and dangerous atmospheres are addressed. Waste aerosols, other than those leaking or severely deformed, shall be packed in accordance with packing instruction P207 and special provision PP87, or packing instruction LP200 and special packing provision L2. Waste gas cartridges, other than those leaking or severely deformed, shall be packed in accordance with packing instruction P003 and special packing provisions PP17 and PP96, or packing instruction LP200 and special packing provision L2. Leaking or severely deformed aerosols and gas cartridges shall be transported in salvage pressure receptacles or salvage packagings provided appropriate measures are taken to ensure there is no dangerous build-up of pressure. Waste aerosols and waste gas cartridges shall not be transported in closed freight containers.
- Waste gas cartridges that were filled with gases of class 2.2 and have been pierced are not subject to this Code.
- 328 This entry applies to fuel cell cartridges, including when contained in equipment or packed with equipment. Fuel cell cartridges installed in or integral to a fuel cell system are regarded as contained in equipment. "Fuel cell cartridge" means an article that stores fuel for discharge into the fuel cell through a valve(s) that controls the discharge of fuel into the fuel cell. Fuel cell cartridges, including when contained in equipment, shall be designed and constructed to prevent fuel leakage under normal conditions of transport.
- Fuel cell cartridge design types using liquids as fuels shall pass an internal pressure test at a pressure of 100 kPa (gauge) without leakage.
- Except for fuel cell cartridges containing hydrogen in metal hydride, which shall be in compliance with special provision 339, each fuel cell cartridge design type shall be shown to pass a 1.2 m drop test onto an unyielding surface, in the orientation most likely to result in failure of the containment system, with no loss of contents.
- When lithium metal or lithium ion batteries are contained in the fuel cell system, the consignment shall be consigned under this entry and under the appropriate entries for UN 3091 LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT or UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT.
- 332 Magnesium nitrate hexahydrate is not subject to the provisions of this Code.
- 333 Ethanol and gasoline, motor spirit or petrol mixtures for use in spark-ignition engines (e.g. in automobiles, stationary engines and other engines) shall be assigned to this entry regardless of variations in volatility.

- 334 A fuel cell cartridge may contain an activator provided it is fitted with two independent means of preventing unintended mixing with the fuel during transport.
- 335 Mixtures of solids which are not subject to the provisions of this Code and environmentally hazardous liquids assigned to UN 3082 may be classified and transported as UN 3077, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or cargo transport unit is closed. If free liquid is visible at the time the mixture is loaded or at the time the packaging or cargo transport unit is closed, the mixture shall be classified as UN 3082. Each cargo transport unit shall be leakproof when used as a bulk container. Sealed packets and articles containing less than 10 mL of an environmentally hazardous liquid assigned to UN 3082, absorbed into a solid material but with no free liquid in the packet or article, or containing less than 10 g of an environmentally hazardous solid assigned to UN 3077, are not subject to the provisions of this Code.
- 338 Each fuel cell cartridge transported under this entry and designed to contain a liquefied flammable gas shall:
- .1 be capable of withstanding, without leakage or bursting, a pressure of at least two times the equilibrium pressure of the contents at 55°C;
 - .2 not contain more than 200 mL liquefied flammable gas, the vapour pressure of which shall not exceed 1 000 kPa at 55°C; and
 - .3 pass the hot water bath test prescribed in 6.2.4.1 of chapter 6.2.
- 339 Fuel cell cartridges containing hydrogen in a metal hydride transported under this entry shall have a water capacity less than or equal to 120 mL. The pressure in the fuel cell cartridge shall not exceed 5 MPa at 55°C. The design type shall withstand, without leaking or bursting, a pressure of two (2) times the design pressure of the cartridge at 55°C or 200 kPa more than the design pressure of the cartridge at 55°C, whichever is greater. The pressure at which this test is conducted is referred to in the Drop Test and the Hydrogen Cycling Test as the “minimum shell burst pressure”.
- Fuel cell cartridges shall be filled in accordance with procedures provided by the manufacturer. The manufacturer shall provide the following information with each fuel cell cartridge:
- .1 Inspection procedures to be carried out before initial filling and before refilling of the fuel cell cartridge;
 - .2 Safety precautions and potential hazards to be aware of;
 - .3 Method for determining when the rated capacity has been achieved;
 - .4 Minimum and maximum pressure range;
 - .5 Minimum and maximum temperature range; and
 - .6 Any other requirements to be met for initial filling and refilling, including the type of equipment to be used for initial filling and refilling.

The fuel cell cartridges shall be designed and constructed to prevent fuel leakage under normal conditions of transport. Each cartridge design type, including cartridges integral to a fuel cell, shall be subjected to and shall pass the following tests:

Drop test

A 1.8 m drop test onto an unyielding surface in four different orientations:

- .1 Vertically, on the end containing the shut-off valve assembly;
- .2 Vertically, on the end opposite to the shut-off valve assembly;
- .3 Horizontally, onto a steel apex with a diameter of 38 mm, with the steel apex in the upward position; and
- .4 At a 45° angle on the end containing the shut-off valve assembly.

There shall be no leakage, determined by using a soap bubble solution or other equivalent means on all possible leak locations, when the cartridge is charged to its rated charging pressure. The fuel cell cartridge shall then be hydrostatically pressurized to destruction. The recorded burst pressure shall exceed 85% of the minimum shell burst pressure.

Fire test

A fuel cell cartridge filled to rated capacity with hydrogen shall be subjected to a fire engulfment test. The cartridge design, which may include a vent feature integral to it, is deemed to have passed the fire test if:

- .1 The internal pressure vents to zero gauge pressure without rupture of the cartridge; or
- .2 The cartridge withstands the fire for a minimum of 20 minutes without rupture.

Hydrogen cycling test

This test is intended to ensure that a fuel cell cartridge design stress limits are not exceeded during use.

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The fuel cell cartridge shall be cycled from not more than 5% rated hydrogen capacity to not less than 95% rated hydrogen capacity and back to not more than 5% rated hydrogen capacity. The rated charging pressure shall be used for charging and temperatures shall be held within the operating temperature range. The cycling shall be continued for at least 100 cycles.

Following the cycling test, the fuel cell cartridge shall be charged and the water volume displaced by the cartridge shall be measured. The cartridge design is deemed to have passed the hydrogen cycling test if the water volume displaced by the cycled cartridge does not exceed the water volume displaced by an uncycled cartridge charged to 95% rated capacity and pressurized to 75% of its minimum shell burst pressure.

Production leak test

Each fuel cell cartridge shall be tested for leaks at $15^{\circ}\text{C} \pm 5^{\circ}\text{C}$, while pressurized to its rated charging pressure. There shall be no leakage, determined by using a soap bubble solution or other equivalent means on all possible leak locations.

Each fuel cell cartridge shall be permanently marked with the following information:

- .1 The rated charging pressure in megapascals (MPa);
- .2 The manufacturer's serial number of the fuel cell cartridges or unique identification number; and
- .3 The date of expiry based on the maximum service life (year in four digits; month in two digits).

340 Chemical kits, first aid kits and polyester resin kits containing dangerous substances in inner packagings which do not exceed the quantity limits for excepted quantities applicable to individual substances as specified in column 7b of the Dangerous Goods List may be transported in accordance with chapter 3.5. Class 5.2 substances, although not individually authorized as excepted quantities in the Dangerous Goods List, are authorized in such kits and are assigned code E2 (see 3.5.1.2).

341 Bulk transport of infectious substances in BK2 bulk containers is only permitted for infectious substances contained in animal material as defined in 1.2.1 (see 4.3.2.4.1).

342 Glass inner receptacles (such as ampoules or capsules) intended only for use in sterilization devices, when containing less than 30 mL of ethylene oxide per inner packaging with not more than 300 mL per outer packaging, may be transported in accordance with the provisions in chapter 3.5, irrespective of the indication of "E0" in column 7b of the Dangerous Goods List provided that:

- .1 After filling, each glass inner receptacle has been determined to be leak tight by placing the glass inner receptacle in a hot water bath at a temperature, and for a period of time, sufficient to ensure that an internal pressure equal to the vapour pressure of ethylene oxide at 55°C is achieved. Any glass inner receptacle showing evidence of leakage, distortion or other defect under this test shall not be transported under the terms of this special provision;
- .2 In addition to the packaging required by 3.5.2, each glass inner receptacle is placed in a sealed plastics bag compatible with ethylene oxide and capable of containing the contents in the event of breakage or leakage of the glass inner receptacle; and
- .3 Each glass inner receptacle is protected by a means of preventing puncture of the plastics bag (e.g. sleeves or cushioning) in the event of damage to the packaging (e.g. by crushing).

343 This entry applies to crude oil containing hydrogen sulphide in sufficient concentration that vapours evolved from the crude oil can present an inhalation hazard. The packing group assigned shall be determined by the flammability hazard and inhalation hazard, in accordance with the degree of danger presented.

344 The provisions of 6.2.4 shall be met.

345 This gas contained in open cryogenic receptacles with a maximum capacity of 1 L constructed with glass double walls having the space between the inner and outer wall evacuated (vacuum insulated) is not subject to the provisions of this Code provided each receptacle is transported in an outer packaging with suitable cushioning or absorbent materials to protect it from impact damage.

346 Open cryogenic receptacles conforming to the requirements of packing instruction P203 and containing no dangerous goods except for UN 1977, nitrogen, refrigerated liquid, which is fully absorbed in a porous material, are not subject to any other provisions of this Code.

347 This entry shall only be used if the results of test series 6(d) of part I of the *Manual of Tests and Criteria* have demonstrated that any hazardous effects arising from functioning are confined within the package.

348 Batteries manufactured after 31 December 2011 shall be marked with the Watt hour rating on the outside case.

349 Mixtures of a hypochlorite with an ammonium salt are not to be accepted for transport. UN 1791 hypochlorite solution is a substance of class 8.

350 Ammonium bromate and its aqueous solutions and mixtures of a bromate with an ammonium salt are not to be accepted for transport.

Chapter 3.3 – Special provisions applicable to certain substances, materials or articles

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- 351 Ammonium chlorate and its aqueous solutions and mixtures of a chlorate with an ammonium salt are not to be accepted for transport.
- 352 Ammonium chlorite and its aqueous solutions and mixtures of a chlorite with an ammonium salt are not to be accepted for transport.
- 353 Ammonium permanganate and its aqueous solutions and mixtures of a permanganate with an ammonium salt are not to be accepted for transport.
- 354 This substance is toxic by inhalation.
- 355 Oxygen cylinders for emergency use transported under this entry may include installed actuating cartridges (cartridges, power device of class 1.4, compatibility group C or S), without changing the classification of class 2.2 provided the total quantity of deflagrating (propellant) explosives does not exceed 3.2 g per oxygen cylinder. The cylinders with the installed actuating cartridges as prepared for transport shall have an effective means of preventing inadvertent activation.
- 356 Metal hydride storage systems installed in vehicles, vessels, machinery, engines or aircraft or in completed components or intended to be installed in vehicles, vessels, machinery, engines or aircraft shall be approved by the competent authority before acceptance for transport. The transport document shall include an indication that the package was approved by the competent authority or a copy of the competent authority approval shall accompany each consignment.
- 357 Petroleum crude oil containing hydrogen sulphide in sufficient concentration that vapours evolved from the crude oil can present an inhalation hazard shall be consigned under the entry UN 3494 PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC.
- 358 Nitroglycerin solution in alcohol with more than 1% but not more than 5% nitroglycerin may be classified in class 3 and assigned to UN 3064 provided all the requirements of packing instruction P300 are complied with.
- 359 Nitroglycerin solution in alcohol with more than 1% but not more than 5% nitroglycerin shall be classified in class 1 and assigned to UN 0144 if not all the requirements of packing instruction P300 are complied with.
- 360 Vehicles only powered by lithium metal batteries or lithium ion batteries shall be assigned to the entry UN 3171 BATTERY POWERED VEHICLE. Lithium batteries installed in cargo transport units, designed only to provide power external to the transport unit shall be assigned to entry UN 3536 LITHIUM BATTERIES INSTALLED IN CARGO TRANSPORT UNIT.
- 361 This entry applies to electric double layer capacitors with an energy storage capacity greater than 0.3 Wh. Capacitors with an energy storage capacity of 0.3 Wh or less are not subject to the provisions of this Code. Energy storage capacity means the energy held by a capacitor, as calculated using the nominal voltage and capacitance. All capacitors to which this entry applies, including capacitors containing an electrolyte that does not meet the classification criteria of any class or division of dangerous goods, shall meet the following conditions:
- .1 Capacitors not installed in equipment shall be transported in an uncharged state. Capacitors installed in equipment shall be transported either in an uncharged state or protected against short circuit;
 - .2 Each capacitor shall be protected against a potential short circuit hazard in transport as follows:
 - .1 when a capacitor's energy storage capacity is less than or equal to 10 Wh or when the energy storage capacity of each capacitor in a module is less than or equal to 10 Wh, the capacitor or module shall be protected against short circuit or be fitted with a metal strap connecting the terminals; and
 - .2 when the energy storage capacity of a capacitor or a capacitor in a module is more than 10 Wh, the capacitor or module shall be fitted with a metal strap connecting the terminals;
 - .3 Capacitors containing dangerous goods shall be designed to withstand a 95 kPa pressure differential;
 - .4 Capacitors shall be designed and constructed to safely relieve pressure that may build up in use, through a vent or a weak point in the capacitor casing. Any liquid which is released upon venting shall be contained by the packaging or by the equipment in which a capacitor is installed; and
 - .5 Capacitors manufactured after 31 December 2013 shall be marked with the energy storage capacity in Wh.
- Capacitors containing an electrolyte not meeting the classification criteria of any class or division of dangerous goods, including when installed in equipment, are not subject to other provisions of this Code.
- Capacitors containing an electrolyte meeting the classification criteria of any class or division of dangerous goods, with an energy storage capacity of 10 Wh or less are not subject to other

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provisions of this Code when they are capable of withstanding a 1.2 m drop test unpackaged on an unyielding surface without loss of contents.

Capacitors containing an electrolyte meeting the classification criteria of any class or division of dangerous goods that are not installed in equipment and with an energy storage capacity of more than 10 Wh are subject to the provisions of this Code.

Capacitors installed in the equipment and containing an electrolyte meeting the classification criteria of any class or division of dangerous goods, are not subject to other provisions of this Code provided the equipment is packaged in a strong outer packaging constructed of suitable material and of adequate strength and design, in relation to the packaging's intended use and in such a manner as to prevent accidental functioning of capacitors during transport. Large robust equipment containing capacitors may be offered for transport unpackaged or on pallets when capacitors are afforded equivalent protection by the equipment in which they are contained.

Note: Capacitors which by design maintain a terminal voltage (e.g. asymmetrical capacitors) do not belong to this entry.

- 362 This entry applies to liquids, pastes or powders, pressurized with a propellant which meets the definition of a gas in 2.2.1.1 and 2.2.1.2.1 or 2.2.1.2.2.

Note: A chemical under pressure in an aerosol dispenser shall be transported under UN 1950.

The following provisions shall apply:

- .1 the chemical under pressure shall be classified based on the hazard characteristics of the components in the different states:
 - the propellant;
 - the liquid; or
 - the solid.

If one of these components, which can be a pure substance or a mixture, needs to be classified as flammable, the chemical under pressure shall be classified as flammable in class 2.1. Flammable components are flammable liquids and liquid mixtures, flammable solids and solid mixtures or flammable gases and gas mixtures meeting the following criteria:

- .1 a flammable liquid is a liquid having a flashpoint of not more than 93°C;
- .2 a flammable solid is a solid which meets the criteria in 2.4.2.2 of this Code;
- .3 a flammable gas is a gas which meets the criteria in 2.2.2.1 of this Code;

- .2 gases of class 2.3 and gases with a subsidiary hazard of 5.1 shall not be used as a propellant in a chemical under pressure;
- .3 where the liquid or solid components are classified as dangerous goods of class 6.1, packing groups II or III, or class 8, packing groups II or III, the chemical under pressure shall be assigned a subsidiary hazard of class 6.1 or class 8 and the appropriate UN number shall be assigned. Components classified in class 6.1, packing group I, or class 8, packing group I, shall not be used for transport under this proper shipping name;
- .4 in addition, chemicals under pressure with components meeting the properties of: class 1, explosives; class 3, liquid desensitized explosives; class 4.1, self-reactive substances and solid desensitized explosives; class 4.2, substances liable to spontaneous combustion; class 4.3, substances which, in contact with water, emit flammable gases; class 5.1, oxidizing substances; class 5.2, organic peroxides; class 6.2, Infectious substances or class 7, Radioactive material, shall not be used for transport under this proper shipping name;
- .5 substances to which PP86 or TP7 are assigned in column 9 and column 14 of the Dangerous Goods List in chapter 3.2 and therefore require air to be eliminated from the vapour space, shall not be used for transport under this UN number but shall be transported under their respective UN numbers as listed in the Dangerous Goods List of chapter 3.2.

- 363 This entry may only be used when the conditions of this special provision are met. No other provisions of this Code apply, except for special provision 972, chapter 5.4, part 7 and column 16a and 16b of the Dangerous Goods List.

- .1 This entry applies to engines or machinery, powered by fuels classified as dangerous goods via internal combustion systems or fuel cells (e.g. combustion engines, generators, compressors, turbines, heating units, etc.), except those which are assigned under UN 3166 or UN 3363;
- .2 Engines or machinery which are empty of liquid or gaseous fuels and which do not contain other dangerous goods, are not subject to this Code.

Note 1: An engine or machinery is considered to be empty of liquid fuel when the liquid fuel tank has been drained and the engine or machinery cannot be operated due to a lack of fuel. Engine or machinery components such as fuel lines, fuel filters and injectors do not need to be cleaned, drained or purged to be considered empty of liquid fuels. In addition, the liquid fuel tank does not need to be cleaned or purged.

Note 2: An engine or machinery is considered to be empty of gaseous fuels when the gaseous fuel tanks are empty of liquid (for liquefied gases), the positive pressure in the tanks does not exceed 2 bar and the fuel shut-off or isolation valve is closed and secured.

- .3 Engines and machinery containing fuels meeting the classification criteria of class 3, shall be consigned under the entries UN No. 3528 ENGINE, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED or UN 3528 ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED or UN 3528 MACHINERY, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED or UN 3528 MACHINERY, FUEL CELL, FLAMMABLE LIQUID POWERED, as appropriate.
 - .4 Engines and machinery containing fuels meeting the classification criteria of class 2.1, shall be consigned under the entries UN 3529 ENGINE, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED or UN 3529 ENGINE, FUEL CELL, FLAMMABLE GAS POWERED or UN 3529 MACHINERY, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED or UN 3529 MACHINERY, FUEL CELL, FLAMMABLE GAS POWERED, as appropriate.
Engines and machinery powered by both a flammable gas and a flammable liquid shall be consigned under the appropriate UN 3529 entry.
 - .5 Engines and machinery containing liquid fuels meeting the classification criteria of 2.9.3 for environmentally hazardous substances and not meeting the classification criteria of any other class or division, shall be consigned under the entries UN 3530 ENGINE, INTERNAL COMBUSTION or UN 3530 MACHINERY, INTERNAL COMBUSTION, as appropriate.
 - .6 Engines or machinery may contain other dangerous goods than fuels (e.g. batteries, fire extinguishers, compressed gas accumulators or safety devices) required for their functioning or safe operation without being subject to any additional requirements for these other dangerous goods, unless otherwise specified in this Code.
 - .7 The engine or machinery, including the means of containment containing dangerous goods, shall be in compliance with the construction requirements specified by the competent authority.
 - .8 Any valves or openings (e.g. venting devices) shall be closed during transport.
 - .9 The engines or machinery shall be oriented to prevent inadvertent leakage of dangerous goods and secured by means capable of restraining the engines or machinery to prevent any movement during transport which would change the orientation or cause them to be damaged.
 - .10 For UN 3528 and UN 3530:
 - where the engine or machinery contains more than 60 L of liquid fuel and has a capacity of not more than 450 L, the labelling requirements of 5.2.2 shall apply;
 - where the engine or machinery contains more than 60 L of liquid fuel and has a capacity of more than 450 L but not more than 3,000 L, it shall be labelled on two opposing sides in accordance with 5.2.2;
 - where the engine or machinery contains more than 60 L of liquid fuel and has a capacity of more than 3,000 L, it shall be placarded on two opposing sides. Placards shall correspond to the class indicated in column 3 of the Dangerous Goods List of chapter 3.2 and shall conform to the specifications given in 5.3.1.2.1;
 - in addition to the above requirements, for UN 3530, where the engine or machinery contains more than 60 L of liquid fuel and the capacity does not exceed 3,000 L, the marking requirements of 5.2.1.6 apply; and where the engine or machinery contains more than 60 L of liquid fuel and the capacity exceeds 3,000 L, the marking requirements of 5.3.2.3.2 apply.
 - .11 For UN 3529:
 - where the fuel tank of the engine or machinery has a water capacity of not more than 450 L, the labelling requirements of 5.2.2 shall apply;
 - where the fuel tank of the engine or machinery has a water capacity of more than 450 L but not more than 1,000 L, it shall be labelled on two opposing sides in accordance with 5.2.2; and
 - where the fuel tank of the engine or machinery has a water capacity of more than 1,000 L, it shall be placarded on two opposing sides. Placards shall correspond to the class indicated in Column 3 of the Dangerous Goods List in Chapter 3.2 and shall conform to the specifications given in 5.3.1.2.1.
 - .12 The transport document shall contain the following additional statement “Transport in accordance with special provision 363”.
 - .13 The requirements specified in packing instruction P005 of 4.1.4.1 shall be met.
- 364 This article may only be transported under the provisions of chapter 3.4 if, as presented for transport, the package is capable of passing the test in accordance with test series 6(d) of part I of the *Manual of Tests and Criteria* as determined by the competent authority.
- 365 For manufactured instruments and articles containing mercury, see UN 3506.

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- 366 Manufactured instruments and articles containing not more than 1 kg of mercury are not subject to the provisions of this Code.
- 367 For the purposes of documentation and package marking:
 The proper shipping name "PAINT RELATED MATERIAL" may be used for consignments of packages containing "PAINT" and "PAINT RELATED MATERIAL" in the same package;
 The proper shipping name "PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE" may be used for consignments of packages containing "PAINT, CORROSIVE, FLAMMABLE" and "PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE" in the same package;
 The proper shipping name "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for consignments of packages containing "PAINT, FLAMMABLE, CORROSIVE" and "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" in the same package; and
 The proper shipping name "PRINTING INK RELATED MATERIAL" may be used for consignments of packages containing "PRINTING INK" and "PRINTING INK RELATED MATERIAL" in the same package.
- 368 In the case of non-fissile or fissile-excepted uranium hexafluoride, the material shall be classified under UN 3507 or UN 2978.
- 369 In accordance with 2.0.3.5, this radioactive material in an excepted package possessing toxic and corrosive properties is classified in class 6.1 with radioactivity and corrosivity subsidiary hazards.
 Uranium hexafluoride may be classified under this entry only if the conditions of 2.7.2.4.1.2, 2.7.2.4.1.5, 2.7.2.4.5.2 and, for fissile-excepted material, of 2.7.2.3.5 are met.
 In addition to the provisions applicable to the transport of class 6.1 substances with a corrosivity subsidiary hazard, the provisions of 5.1.3.2, 5.1.5.2.2, 5.1.5.4.1.2, 7.1.4.5.9, 7.1.4.5.10, 7.1.4.5.12, and 7.8.4.1 to 7.8.4.6 shall apply.
 No class 7 label is required to be displayed.
- 370 This entry only applies to ammonium nitrate that meets one of the following criteria:
- ammonium nitrate with more than 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any added substance; or
 - ammonium nitrate with not more than 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any added substance, that gives a positive result when tested in accordance with test series 2 (see *Manual of Tests and Criteria*, part I). See also UN 1942.
- This entry shall not be used for ammonium nitrate for which a proper shipping name already exists in the Dangerous Goods List of chapter 3.2 including ammonium nitrate mixed with fuel oil (ANFO) or any of the commercial grades of ammonium nitrate.
- 371 .1 This entry also applies to articles, containing a small pressure receptacle with a release device. Such articles shall comply with the following requirements:
- .1 the water capacity of the pressure receptacle shall not exceed 0.5 L and the working pressure shall not exceed 25 bar at 15°C;
 - .2 the minimum burst pressure of the pressure receptacle shall be at least four times the pressure of the gas at 15°C;
 - .3 each article shall be manufactured in such a way that unintentional firing or release is avoided under normal conditions of handling, packing, transport and use. This may be fulfilled by an additional locking device linked to the activator;
 - .4 each article shall be manufactured in such a way as to prevent hazardous projections of the pressure receptacle or parts of the pressure receptacle;
 - .5 each pressure receptacle shall be manufactured from material which will not fragment upon rupture;
 - .6 the design type of the article shall be subjected to a fire test. For this test, the provisions of paragraphs 16.6.1.2 except subparagraph (g), 16.6.1.3.1 to 16.6.1.3.6, 16.6.1.3.7(b) and 16.6.1.3.8 of the *Manual of Tests and Criteria* shall be applied. It shall be demonstrated that the article relieves its pressure by means of a fire degradable seal or other pressure relief device, in such a way that the pressure receptacle will not fragment and that the article or fragments of the article do not rocket more than 10 m; and
 - .7 the design type of the article shall be subjected to the following test. A stimulating mechanism shall be used to initiate one article in the middle of the packaging. There shall be no hazardous effects outside the package such as disruption of the package, metal fragments or a receptacle which passes through the packaging.
- .2 The manufacturer shall produce technical documentation of the design type, manufacture as well as the tests and their results. The manufacturer shall apply procedures to ensure that articles produced in series are made of good quality, conform to the design type and are able to

meet the requirements in .1. The manufacturer shall provide such information to the competent authority on request.

- 372 This entry applies to asymmetric capacitors with an energy storage capacity greater than 0.3 Wh. Capacitors with an energy storage capacity of 0.3 Wh or less are not subject to the provisions of this Code.

Energy storage capacity means the energy stored in a capacitor, as calculated according to the following equation:

$$Wh = \frac{\frac{1}{2} C_N (U_R^2 - U_L^2)}{3,600}$$

using the nominal capacitance (C_N), rated voltage (U_R) and rated lower limit voltage (U_L).

All asymmetric capacitors to which this entry applies shall meet the following conditions:

- .1 capacitors or modules shall be protected against short circuit;
- .2 capacitors shall be designed and constructed to safely relieve pressure that may build up in use, through a vent or a weak point in the capacitor casing. Any liquid which is released upon venting shall be contained by packaging or by equipment in which a capacitor is installed;
- .3 capacitors manufactured after 31 December 2015 shall be marked with the energy storage capacity in Wh;
- .4 capacitors containing an electrolyte meeting the classification criteria of any class or division of dangerous goods shall be designed to withstand a 95 kPa pressure differential;

Capacitors containing an electrolyte not meeting the classification criteria of any class or division of dangerous goods, including when configured in a module or when installed in equipment are not subject to other provisions of this Code. Capacitors containing an electrolyte meeting the classification criteria of any class or division of dangerous goods, with an energy storage capacity of 20 Wh or less, including when configured in a module, are not subject to other provisions of this Code when the capacitors are capable of withstanding a 1.2 m drop test unpackaged on an unyielding surface without loss of contents.

Capacitors containing an electrolyte meeting the classification criteria of any class or division of dangerous goods that are not installed in equipment and with an energy storage capacity of more than 20 Wh are subject to this Code.

Capacitors installed in equipment and containing an electrolyte meeting the classification criteria of any class or division of dangerous goods, are not subject to other provisions of this Code provided that the equipment is packaged in a strong outer packaging constructed of suitable material, and of adequate strength and design, in relation to the packaging's intended use and in such a manner as to prevent accidental functioning of capacitors during transport. Large robust equipment containing capacitors may be offered for transport unpackaged or on pallets when capacitors are afforded equivalent protection by the equipment in which they are contained.

Note: Notwithstanding the provisions of this special provision, nickel-carbon asymmetric capacitors containing class 8 alkaline electrolytes shall be transported as UN 2795, BATTERIES, WET, FILLED WITH ALKALI, electric storage.

- 373 Neutron radiation detectors containing non-pressurized boron trifluoride gas may be transported under this entry provided that the following conditions are met:

- .1 Each radiation detector shall meet the following conditions:
 - .1 the pressure in each detector shall not exceed 105 kPa absolute at 20°C;
 - .2 the amount of gas shall not exceed 13 g per detector;
 - .3 each detector shall be manufactured under a registered quality assurance programme;

Note: The application of ISO 9001:2008 may be considered acceptable for this purpose.

 - .4 each neutron radiation detector shall be of welded metal construction with brazed metal to ceramic feed through assemblies. These detectors shall have a minimum burst pressure of 1,800 kPa as demonstrated by design type qualification testing; and
 - .5 each detector shall be tested to a 1×10^{-10} cm³/s leak tightness standard before filling.
- .2 Radiation detectors transported as individual components shall be transported as follows:
 - .1 detectors shall be packed in a sealed intermediate plastics liner with sufficient absorbent or adsorbent material to absorb or adsorb the entire gas contents;
 - .2 they shall be packed in strong outer packaging. The completed package shall be capable of withstanding a 1.8 m drop test without leakage of gas contents from detectors; and
 - .3 the total amount of gas from all detectors per outer packaging shall not exceed 52 g.
- .3 Completed neutron radiation detection systems containing detectors meeting the conditions of .1 shall be transported as follows:
 - .1 the detectors shall be contained in a strong sealed outer casing;

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- .2 the casing shall contain sufficient absorbent or adsorbent material to absorb or adsorb the entire gas contents; and
- .3 the completed systems shall be packed in strong outer packagings capable of withstanding a 1.8 m drop test without leakage unless a system's outer casing affords equivalent protection.

Packing instruction P200 of 4.1.4.1 is not applicable.

The transport document shall include the statement "Transport in accordance with special provision 373".

Neutron radiation detectors containing not more than 1 g of boron trifluoride, including those with solder glass joints, are not subject to this Code provided they meet the requirements in paragraph .1 and are packed in accordance with paragraph .2. Radiation detection systems containing such detectors are not subject to this Code provided they are packed in accordance with paragraph .3.

Neutron radiation detectors shall be stowed in accordance with stowage Category A.

- 376 Lithium ion cells or batteries and lithium metal cells or batteries identified as being damaged or defective such that they do not conform to the type tested according to the applicable provisions of the *Manual of Tests and Criteria* shall comply with the requirements of this special provision.

For the purposes of this special provision, these may include, but are not limited to:

- Cells or batteries identified as being defective for safety reasons;
- Cells or batteries that have leaked or vented;
- Cells or batteries that cannot be diagnosed prior to transport; or
- Cells or batteries that have sustained physical or mechanical damage.

Note: In assessing a cell or battery as damaged or defective, an assessment or evaluation shall be performed based on safety criteria from the cell, battery or product manufacturer or by a technical expert with knowledge of the cell's or battery's safety features. An assessment or evaluation may include, but is not limited to, the following criteria:

- .1 acute hazard, such as gas, fire or electrolyte leaking;
- .2 the use or misuse of the cell or battery;
- .3 signs of physical damage, such as deformation to cell or battery casing, or colours on the casing;
- .4 external and internal short circuit protection, such as voltage or isolation measures;
- .5 the condition of the cell or battery safety features; or
- .6 damage to any internal safety components, such as the battery management system.

Cells and batteries shall be transported according to the provisions applicable to UN 3090, UN 3091, UN 3480 and UN 3481, except special provision 230 and as otherwise stated in this special provision.

Cells and batteries shall be packed in accordance with packing instructions P908 of 4.1.4.1 or LP904 of 4.1.4.3, as applicable.

Cells and batteries identified as damaged or defective and liable to rapidly disassemble, dangerously react, produce a flame or a dangerous evolution of heat or a dangerous emission of toxic, corrosive or flammable gases or vapours under normal conditions of transport shall be packed and transported in accordance with packing instruction P911 of 4.1.4.1 or LP906 of 4.1.4.3, as applicable. Alternative packing and/or transport conditions may be authorized by the competent authority.

Packages shall be marked "DAMAGED/DEFECTIVE" in addition to the proper shipping name, as stated in 5.2.1.

The transport document shall include the following statement "Transport in accordance with special provision 376".

If applicable, a copy of the competent authority approval shall accompany the transport.

- 377 Lithium ion and lithium metal cells and batteries and equipment containing such cells and batteries transported for disposal or recycling, either packed together with or packed without non-lithium batteries, may be packaged in accordance with packing instruction P909 of 4.1.4.1.

These cells and batteries are not subject to the requirements of section 2.9.4.

Packages shall be marked "LITHIUM BATTERIES FOR DISPOSAL" or "LITHIUM BATTERIES FOR RECYCLING".

Identified damaged or defective batteries shall be transported in accordance with special provision 376.

The transport document shall include the following statement: "Transport in accordance with special provision 377".

378 Radiation detectors containing this gas in non-refillable pressure receptacles not meeting the requirements of chapter 6.2 and packing instruction P200 of 4.1.4.1 may be transported under this entry provided:

- .1 The working pressure in each receptacle does not exceed 50 bar;
- .2 The receptacle capacity does not exceed 12 L;
- .3 Each receptacle has a minimum burst pressure of at least 3 times the working pressure when a relief device is fitted and at least 4 times the working pressure when no relief device is fitted;
- .4 Each receptacle is manufactured from material which will not fragment upon rupture;
- .5 Each detector is manufactured under a registered quality assurance programme;

Note: ISO 9001:2008 may be used for this purpose.

- .6 Detectors are transported in strong outer packagings. The complete package shall be capable of withstanding a 1.2 metre drop test without breakage of the detector or rupture of the outer packaging. Equipment that includes a detector shall be packed in a strong outer packaging unless the detector is afforded equivalent protection by the equipment in which it is contained; and
- .7 The transport document includes the following statement "Transport in accordance with special provision 378".

Radiation detectors, including detectors in radiation detection systems, are not subject to any other requirements of this Code if the detectors meet the requirements in .1 to .6 above and the capacity of detector receptacles does not exceed 50 ml.

379 Anhydrous ammonia adsorbed on a solid or absorbed in a solid contained in ammonia dispensing systems or receptacles intended to form part of such systems are not subject to the other provisions of this Code if the following conditions are observed:

- .1 The adsorption or absorption presents the following properties:
 - .1 the pressure at a temperature of 20°C in the receptacle is less than 0.6 bar;
 - .2 the pressure at a temperature of 35°C in the receptacle is less than 1 bar;
 - .3 the pressure at a temperature of 85°C in the receptacle is less than 12 bar;
- .2 The adsorbent or absorbent material shall not have dangerous properties listed in classes 1 to 8;
- .3 The maximum contents of a receptacle shall be 10 kg of ammonia; and
- .4 Receptacles containing adsorbed or absorbed ammonia shall meet the following conditions:
 - .1 receptacles shall be made of a material compatible with ammonia as specified in ISO 11114-1:2012 + Amd 1:2017;
 - .2 receptacles and their means of closure shall be hermetically sealed and able to contain the generated ammonia;
 - .3 each receptacle shall be able to withstand the pressure generated at 85°C with a volumetric expansion no greater than 0.1%;
 - .4 each receptacle shall be fitted with a device that allows for gas evacuation once pressure exceeds 15 bar without violent rupture, explosion or projection; and
 - .5 each receptacle shall be able to withstand a pressure of 20 bar without leakage when the pressure relief device is deactivated.

When transported in an ammonia dispenser, the receptacles shall be connected to the dispenser in such a way that the assembly is guaranteed to have the same strength as a single receptacle.

The properties of mechanical strength mentioned in this special provision shall be tested using a prototype of a receptacle and/or dispenser filled to nominal capacity, by increasing the temperature until the specified pressures are reached.

The test results shall be documented, shall be traceable and shall be communicated to the relevant authorities upon request.

381 Large packagings conforming to the packing group III performance level used in accordance with packing instruction LP02 of 4.1.4.3, as prescribed in the IMDG Code (amendment 37-14), may be used until 31 December 2022.

382 Polymeric beads may be made from polystyrene, poly(methyl methacrylate) or other polymeric material. When it can be demonstrated that no flammable vapour, resulting in a flammable atmosphere, is evolved according to test U1 (Test method for substances liable to evolve flammable vapours) of part III, subsection 38.4.4 of the *Manual of Tests and Criteria*, polymeric beads, expandable, need not be classified under this UN number. This test should only be performed when declassification of a substance is considered.

383 Table tennis balls manufactured from celluloid are not subject to this Code where the net mass of each table tennis ball does not exceed 3.0 g and the total net mass of table tennis balls does not exceed 500 g per package.

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- 384 The label to be used is Model No. 9A, see 5.2.2.2.2. However, for placarding of cargo transport units, the placard shall correspond to Model No. 9.
- 386 When substances are stabilized by temperature control, the provisions of 7.3.7 apply. When chemical stabilization is employed, the person offering the packaging, IBC or tank for transport shall ensure that the level of stabilization is sufficient to prevent the substance in the packaging, IBC or tank from dangerous polymerization at a bulk mean temperature of 50°C, or, in the case of a portable tank, 45°C. Where chemical stabilization becomes ineffective at lower temperatures within the anticipated duration of transport, temperature control is required. In making this determination factors to be taken into consideration include, but are not limited to, the capacity and geometry of the packaging, IBC or tank and the effect of any insulation present, the temperature of the substance when offered for transport, the duration of the journey and the ambient temperature conditions typically encountered in the journey (considering also the season of year), the effectiveness and other properties of the stabilizer employed, applicable operational controls imposed by regulation (e.g. requirements to protect from sources of heat, including other cargo transported at a temperature above ambient) and any other relevant factors.
- 387 Lithium batteries in conformity with 2.9.4.6 containing both primary lithium metal cells and rechargeable lithium ion cells shall be assigned to UN 3090 or 3091 as appropriate. When such batteries are transported in accordance with special provision 188, the total lithium content of all lithium metal cells contained in the battery shall not exceed 1.5 g and the total capacity of all lithium ion cells contained in the battery shall not exceed 10 Wh.
- 388 UN 3166 entries apply to vehicles powered by flammable liquid or gas internal combustion engines or fuel cells.
- Vehicles powered by a fuel cell engine shall be assigned to the entries UN 3166 VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED or UN 3166 VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED, as appropriate. These entries include hybrid electric vehicles powered by both a fuel cell and an internal combustion engine with wet batteries, sodium batteries, lithium metal batteries or lithium ion batteries, transported with the battery(ies) installed.
- Other vehicles which contain an internal combustion engine shall be assigned to the entries UN 3166 VEHICLE, FLAMMABLE GAS POWERED or UN 3166 VEHICLE, FLAMMABLE LIQUID POWERED, as appropriate. These entries include hybrid electric vehicles powered by both an internal combustion engine and wet batteries, sodium batteries, lithium metal batteries or lithium ion batteries, transported with the battery(ies) installed.
- If a vehicle is powered by a flammable liquid and a flammable gas internal combustion engine, it shall be assigned to UN 3166 VEHICLE, FLAMMABLE GAS POWERED.
- Entry UN 3171 only applies to vehicles powered by wet batteries, sodium batteries, lithium metal batteries or lithium ion batteries and equipment powered by wet batteries or sodium batteries transported with these batteries installed.
- For the purpose of this special provision, vehicles are self-propelled apparatus designed to carry one or more persons or goods. Examples of such vehicles are cars, motorcycles, scooters, three- and four-wheeled vehicles or motorcycles, trucks, locomotives, bicycles (pedal cycles with a motor) and other vehicles of this type (e.g. self-balancing vehicles or vehicles not equipped with at least one seating position), wheelchairs, lawn tractors, self-propelled farming and construction equipment, boats and aircraft. This includes vehicles transported in a packaging. In this case some parts of the vehicle may be detached from its frame to fit into the packaging.
- Examples of equipment are lawnmowers, cleaning machines or model boats and model aircraft. Equipment powered by lithium metal batteries or lithium ion batteries shall be assigned to the entries UN 3091 LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT or UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT or UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT or UN 3481 LITHIUM ION BATTERIES PACKED WITH EQUIPMENT, as appropriate. Lithium ion batteries or lithium metal batteries installed in a cargo transport unit and designed only to provide power external to the cargo transport unit shall be assigned to the entry UN 3536 LITHIUM BATTERIES INSTALLED IN CARGO TRANSPORT UNIT lithium ion batteries or lithium metal batteries.
- Dangerous goods, such as batteries, airbags, fire extinguishers, compressed gas accumulators, safety devices and other integral components of the vehicle that are necessary for the operation of the vehicle or for the safety of its operator or passengers, shall be securely installed in the vehicle and are not otherwise subject to this Code.
- 389 This entry only applies to lithium ion batteries or lithium metal batteries installed in a cargo transport unit and designed only to provide power external to the cargo transport unit. The lithium batteries shall meet the requirements of 2.9.4.1 to .7 and contain the necessary systems to prevent overcharge and overdischarge between the batteries.

The batteries shall be securely attached to the interior structure of the cargo transport unit (e.g. by means of placement in racks, cabinets, etc.) in such a manner as to prevent short circuits, accidental operation, and significant movement relative to the cargo transport unit under the shocks, loadings and vibrations normally incident to transport. Dangerous goods necessary for the safe and proper operation of the cargo transport unit (e.g. fire-extinguishing systems and air-conditioning systems), shall be properly secured to or installed in the cargo transport unit and are not otherwise subject to this Code. Dangerous goods not necessary for the safe and proper operation of the cargo transport unit shall not be transported within the cargo transport unit.

The batteries inside the cargo transport unit are not subject to marking or labelling requirements. The cargo transport unit shall display the UN number in accordance with 5.3.2.1.2 and be placarded on two opposing sides in accordance with 5.3.1.1.2.

390 When a package contains a combination of lithium batteries contained in equipment and lithium batteries packed with equipment, the following requirements apply for the purposes of package marking and documentation:

- .1 the package shall be marked "UN 3091 Lithium metal batteries packed with equipment", or "UN 3481 Lithium ion batteries packed with equipment", as appropriate. If a package contains both lithium ion batteries and lithium metal batteries packed with and contained in equipment, the package shall be marked as required for both battery types. However, button cell batteries installed in equipment (including circuit boards) need not be considered.
- .2 the transport document shall indicate "UN 3091 Lithium metal batteries packed with equipment" or "UN 3481 Lithium ion batteries packed with equipment", as appropriate. If a package contains both lithium metal batteries and lithium ion batteries packed with and contained in equipment, then the transport document shall indicate both "UN 3091 Lithium metal batteries packed with equipment" and "UN 3481 Lithium ion batteries packed with equipment"

391 Articles containing dangerous goods of class 2.3, or class 4.2, or class 4.3, or class 5.1, or class 5.2 or class 6.1 for substances of inhalation toxicity requiring packing group I and articles containing more than one of the hazards listed in 2.0.3.4.2 to 2.0.3.4.4 shall be transported under conditions approved by the competent authority.

392 For the transport of fuel gas containment systems designed and approved to be fitted in motor vehicles containing this gas, the provisions of subsection 4.1.4.1 and chapter 6.2 of this Code need not be applied when transported for disposal, recycling, repair, inspection, maintenance or from where they are manufactured to a vehicle assembly plant, provided the following conditions are met:

- .1 The fuel gas containment systems shall meet the requirements of the standards or regulations for fuel tanks for vehicles, as applicable. Examples of applicable standards and regulations are:

LPG tanks	
ECE Regulation No. 67 Revision 2	Uniform provisions concerning: I. Approval of specific equipment of vehicles of category M and N using liquefied petroleum gases in their propulsion system; II. Approval of vehicles of category M and N fitted with specific equipment for the use of liquefied petroleum gases in their propulsion system with regard to the installation of such equipment
ECE Regulation No. 115	Uniform provisions concerning the approval of: I. Specific LPG (liquefied petroleum gases) retrofit systems to be installed in motor vehicles for the use of LPG in their propulsion systems; II. Specific CNG (compressed natural gas) retrofit systems to be installed in motor vehicles for the use of CNG in their propulsion system
CNG tanks	
ECE Regulation No. 110	Uniform provisions concerning the approval of: I. Specific components of motor vehicles using compressed natural gas (CNG) and/or liquefied natural gas (LNG) in their propulsion system; II. Vehicles with regard to the installation of specific components of an approved type for the use of compressed natural gas (CNG) and/or liquefied natural gas (LNG) in their propulsion system

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ECE Regulation No. 115	(Uniform provisions concerning the approval of: I. Specific LPG (liquefied petroleum gases) retrofit systems to be installed in motor vehicles for the use of LPG in their propulsion systems; II. Specific CNG (compressed natural gas) retrofit systems to be installed in motor vehicles for the use of CNG in their propulsion system)
ISO 11439:2013	Gas cylinders – High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles
ISO 15500-Series	ISO 15500: Road vehicles – Compressed natural gas (CNG) fuel system components – several parts as applicable
ANSI NGV 2	Compressed natural gas vehicle fuel containers
CSA B51 Part 2: 2014	Boiler, pressure vessel, and pressure piping code Part 2 Requirements for high-pressure cylinders for on board storage of fuels for automotive vehicles
Hydrogen pressure tanks	
Global Technical Regulation (GTR) No. 13	Global technical regulation on hydrogen and fuel cell vehicles (ECE/TRANS/180/Add.13)
ISO/TS 15869:2009	Gaseous hydrogen and hydrogen blends – Land vehicle fuel tanks
Regulation (EC) No.79/2009	Regulation (EC) No. 79/2009 of the European Parliament and of the Council of 14 January 2009 on type approval of hydrogen-powered motor vehicles, and amending Directive 2007/46/EC
Regulation (EU) No. 406/2010	Commission Regulation (EU) No. 406/2010 of 26 April 2010 implementing Regulation (EC) No. 79/2009 of the European Parliament and of the Council on type-approval of hydrogen-powered motor vehicles.
ECE Regulation No. 134	Uniform provisions concerning the approval of motor vehicles and their components with regards to the safety-related performance of hydrogen-fuelled vehicles (HFCV)
CSA B51 Part 2: 2014	Boiler, pressure vessel, and pressure piping code Part 2 Requirements for high-pressure cylinders for on-board storage of fuels for automotive vehicles

Gas tanks designed and constructed in accordance with previous versions of relevant standards or regulations for gas tanks for motor vehicles, which were applicable at the time of the certification of the vehicles for which the gas tanks were designed and constructed may continue to be transported;

- .2 The fuel gas containment systems shall be leakproof and shall not exhibit any signs of external damage which may affect their safety;

Note 1: Criteria may be found in standard ISO 11623:2015 *Gas cylinders – Composite construction – Periodic inspection and testing* (or ISO 19078:2013 *Gas cylinders – Inspection of the cylinder installation, and requalification of high pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles*).

Note 2: If the fuel gas containment systems are not leakproof or are overfilled or if they exhibit damage that could affect their safety (e.g. in case of a safety-related recall), they shall only be carried in salvage pressure receptacles in conformity with this Code.

- .3 If a fuel gas containment system is equipped with two valves or more integrated in line, the two valves shall be closed as to be gastight under normal conditions of transport. If only one valve exists or only one valve works, all openings with the exception of the opening of the pressure relief device shall be closed as to be gastight under normal conditions of transport;
- .4 Fuel gas containment systems shall be transported in such a way as to prevent obstruction of the pressure relief device or any damage to the valves and any other pressurised part of the fuel gas containment systems and unintentional release of the gas under normal conditions of

transport. The fuel gas containment system shall be secured in order to prevent slipping, rolling or vertical movement;

- .5 Valves shall be protected by one of the methods described in 4.1.6.1.8.1 to 4.1.6.1.8.5;
- .6 Except for the case of fuel gas containment systems removed for disposal, recycling, repair, inspection or maintenance, they shall be filled with not more than 20% of their nominal filling ratio or nominal working pressure, as applicable;
- .7 Notwithstanding the provisions of chapter 5.2, when fuel gas containment systems are consigned in a handling device, markings and labels may be affixed to the handling device; and
- .8 Notwithstanding the provisions of 5.4.1.5, the information on the total quantity of dangerous goods may be replaced by the following information:
 - .1 the number of fuel gas containment systems; and
 - .2 in the case of liquefied gases the total net mass (kg) of gas of each fuel gas containment system and, in the case of compressed gases, the total water capacity (l) of each fuel gas containment system followed by the nominal working pressure.

Examples for information in the transport document:

Example 1: “UN 1971 natural gas, compressed, 2.1, 1 fuel gas containment system of 50 l in total, 200 bar”.

Example 2: “UN 1965 hydrocarbon gas mixture, liquefied, n.o.s., 2.1, 3 fuel gas containment systems, each of 15 kg net mass of gas”.

393 The nitrocellulose shall meet the criteria of the Bergmann-Junk test or methyl violet paper test in the *Manual of Tests and Criteria* Appendix 10. Tests of type 3 (c) need not be applied.

394 The nitrocellulose shall meet the criteria of the Bergmann-Junk test or methyl violet paper test in the *Manual of Tests and Criteria* Appendix 10.

395 This entry shall only be used for solid medical waste of category A transported for disposal.

■ 396 Large and robust articles may be transported with connected gas cylinders with the valves open regardless of 4.1.6.1.5 provided:

the gas cylinders contain nitrogen of UN 1066 or compressed gas of UN 1956 or compressed air of UN 1002;

the gas cylinders are connected with the article through pressure regulators and fixed piping in such a way that the pressure of the gas (gauge pressure) in the article does not exceed 35 kPa (0.35 bar);

the gas cylinders are properly secured so that they cannot move in relation to the article and are fitted with strong and pressure resistant hoses and pipes;

the gas cylinders, pressure regulators, piping and other components are protected from damage and impacts during transport by wooden crates or other suitable means;

the transport document includes the following statement: “Transport in accordance with special provision 396.”; and

cargo transport units containing articles transported with cylinders with open valves containing a gas presenting a risk of asphyxiation are well ventilated and are marked in accordance with 5.5.3.6.

■ 397 Mixtures of nitrogen and oxygen containing not less than 19.5% and not more than 23.5% oxygen by volume may be transported under this entry when no other oxidizing gases are present. A division 5.1 subsidiary hazard label is not required for any concentrations within this limit.

■ 398 This entry applies to mixtures of butylenes, 1-butylene, *cis*-2-butylene and *trans*-2-butylene. For isobutylene, see UN 1055.

399 For articles that meet the definition for DETONATORS, ELECTRONIC as described in appendix B and assigned to UN Nos. 0511, 0512 and 0513, the entries for DETONATORS, ELECTRIC (UN Nos. 0030, 0255 and 0456) may continue to be used until 30 June 2025.

900 The transport of the following substances is prohibited:

AMMONIUM HYPOCHLORITE

AMMONIUM NITRATE liable to self-heating sufficient to initiate decomposition

AMMONIUM NITRITES and mixtures of an inorganic nitrite with an ammonium salt

CHLORIC ACID, AQUEOUS SOLUTION with more than 10% chloric acid

ETHYL NITRITE pure

HYDROCYANIC ACID, AQUEOUS SOLUTION (HYDROGEN CYANIDE, AQUEOUS SOLUTION) with more than 20% hydrogen cyanide

HYDROGEN CHLORIDE, REFRIGERATED LIQUID

HYDROGEN CYANIDE SOLUTION, IN ALCOHOL with more than 45% hydrogen cyanide

MERCURY OXYCYANIDE pure

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METHYL NITRITE

PERCHLORIC ACID with more than 72% acid, by mass

SILVER PICRATE, dry or wetted with less than 30% water by mass

ZINC AMMONIUM NITRITE

See also special provisions 349, 350, 351, 352 and 353.

- 903 HYPOCHLORITE MIXTURES with 10% or less available CHLORINE are not subject to the provisions of this Code.
- 904 The provisions of this Code, except for the marine pollution aspects, do not apply to these substances if they are completely miscible with water, except when transported in receptacles with a capacity greater than 250 L and in tanks.
- 905 May only be shipped as an 80% solution in TOLUENE. The pure product is shock-sensitive and decomposes with explosive violence and the possibility of detonation when heated under confinement. Can be ignited by impact.
- 907 The consignment shall be accompanied by a certificate from a recognized authority stating:
- moisture content;
 - fat content;
 - details of anti-oxidant treatment for meals older than 6 months (for UN 2216 only);
 - anti-oxidant concentration at the time of shipment, see special provision 308 (for UN 2216 only);
 - packing, number of bags and total mass of the consignment;
 - temperature of fish meal at the time of despatch from the factory;
 - date of production.
- No weathering/curing is required prior to loading. Fish meal under UN 1374 shall have been weathered for not less than 28 days before shipment.
- When fish meal is packed into containers, the containers shall be packed in such a way that the free air space has been restricted to the minimum.
- 912 This entry also covers solutions in water with concentrations above 70%.
- 916 The provisions of this Code do not apply to this substance when:
- mechanically produced, with a particle size of 53 microns or greater; or
 - chemically produced, with a particle size of 840 microns or greater.
- 917 Scrap with rubber content below 45% or exceeding 840 microns and fully vulcanized hard rubber are not subject to the provisions of this Code.
- 920 Bars, ingots or sticks are not subject to the provisions of this Code.
- 921 Zirconium, dry, 254 microns or thicker is not subject to the provisions of this Code.
- 922 LEAD PHOSPHITE, DIBASIC which is accompanied by the certificate from the shipper stating that the substance, as offered for shipment, has been stabilized in such a way that it does not possess the properties of class 4.1 is not subject to the provisions of this Code.
- 923 The temperature shall be checked regularly.
- 925 The provisions of this Code do not apply to:
- non-activated carbon blacks of mineral origin;
 - a consignment of carbon if it passes the tests for self-heating substances as reflected in the *Manual of Tests and Criteria* (see 33.4.3.3), and is accompanied by a certificate from a laboratory accredited by the competent authority, stating that the product to be loaded has been correctly sampled by trained staff from that laboratory and that the sample was correctly tested and has passed the test; and
 - carbons made by a steam activation process.
- 926 This substance shall preferably have been weathered for not less than one month before shipment unless a certificate from a person recognized by the competent authority of the country of shipment states a maximum moisture content of 5%.
- 927 *p*-Nitrosodimethylaniline, wetted with more than 50% water is not subject to the provisions of this Code.
- 928 The provisions of this Code shall not apply to:
- fish meal when acidified and wetted with more than 40% water, by mass, irrespective of other factors;
 - consignments of fish meal which are accompanied by a certificate issued by a recognized competent authority of the country of shipment or other recognized authority stating that the product has no self-heating properties when transported in packaged form; or

- fish meal manufactured from “white” fish with a moisture content of not more than 12% and a fat content of not more than 5% by mass.
- 929 If satisfied, as a result of tests, that such relaxation is justified, the competent authority may permit:
- the seed cakes described as “SEED CAKE, containing vegetable oil (a) mechanically expelled seeds, containing more than 10% of oil or more than 20% of oil and moisture combined” to be transported under conditions governing “SEED CAKE, containing vegetable oil (b) solvent extractions and expelled seeds, containing not more than 10% of oil and, when the amount of moisture is higher than 10% not more than 20% of oil and moisture combined”, and
 - the seed cakes described as “SEED CAKE, containing vegetable oil (b) solvent extractions and expelled seeds, containing not more than 10% of oil and, when the amount of moisture is higher than 10% not more than 20% of oil and moisture combined” to be transported under conditions governing SEED CAKE, UN 2217.
- Certificates from the shipper shall state oil content and moisture content and shall accompany the shipment.
- 930 All pesticides can only be carried under the provisions of this class if accompanied by a certificate supplied by the shipper stating that, when in contact with water, it is not combustible and does not show tendency to autoignition, and that the mixture of gases evolved is not flammable. Otherwise, the provisions of class 4.3 shall be applicable.
- 931 A consignment of this substance which is accompanied by a declaration from the shipper stating that it has no self-heating properties is not subject to the provisions of this Code.
- 932 Requires a certificate from the maker or shipper, stating that the shipment was stored under cover, but in the open air, in the size in which it was packaged, for not less than 3 days prior to shipment.
- 934 Requires the percentage range of calcium carbide impurity to be shown on the shipping documents.
- 935 Substances which do not evolve flammable gases when wet, which are accompanied by a certificate from the shipper stating that the substance, as offered for shipment, does not evolve flammable gases when wet, are not subject to the provisions of this Code.
- 937 The solid hydrated form of this substance is not subject to the provisions of this Code.
- 939 A consignment of this substance that is accompanied by a shipper's certificate stating that it does not contain more than 0.05% maleic anhydride is not subject to the provisions of this Code.
- 942 The concentration and temperature of the solution at the time of loading, its percentage of combustible material and of chlorides as well as the contents of free acid shall be certified.
- 943 Water-activated articles shall bear a subsidiary hazard label of class 4.3.
- 946 Requires certification from the shipper that the substance is not of class 4.2.
- 948 These substances may be transported in bulk in cargo transport units only if their melting point is 75°C or above.
- 952 UN 1942 may be transported in bulk container if approved by the competent authority.
- 954 The provisions of this Code shall not apply to consignments of compressed baled hay with a moisture content of less than 14% shipped in closed cargo transport units and accompanied by a certificate from the shipper stating that the product does not present any class 4.1, UN 1327, hazard in transport and that its moisture content is less than 14%.
- 955 If a viscous substance and its packaging fulfils the provisions of 2.3.2.5, the packing provisions of chapter 4.1, the marking and labelling provisions of chapter 5.2 and the package testing provisions of chapter 6.1 are not applicable.
- 958 This entry also covers articles, such as rags, cotton waste, clothing or sawdust, containing polychlorinated biphenyls, polyhalogenated biphenyls or polyhalogenated terphenyls where no free visible liquid is present.
- 959 Waste aerosols or waste gas cartridges authorized for transport under special provision 327 shall only be transported on short international voyages. Long international voyages are authorized only with the approval of the competent authority. Packagings shall be marked and labelled and cargo transport units shall be marked and placarded for appropriate sub-division of class 2 and, if applicable, the subsidiary hazard(s).
- 960 Not subject to the provisions of this Code but may be subject to provisions governing the transport of dangerous goods by other modes.
- 961 Vehicles are not subject to the provisions of this Code if any of the following conditions are met:
- .1 vehicles are stowed on the vehicle, special category and ro-ro spaces or on the weather deck of a ro-ro ship or a cargo space designated by the Administration (flag State) in accordance with SOLAS 74, chapter II-2, regulation 20 as specifically designed and approved for the carriage of vehicles, and there are no signs of leakage from the battery, engine, fuel cell, compressed gas

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cylinder or accumulator, or fuel tank when applicable. When packed in a cargo transport unit the exception does not apply to container cargo spaces of a ro-ro ship.

In addition, for vehicles powered solely by lithium batteries and hybrid electric vehicles powered by both an internal combustion engine and lithium metal or ion batteries, the lithium batteries shall meet the provisions of 2.9.4, except that 2.9.4.1 and 2.9.4.7 do not apply when pre-production prototype batteries or batteries of a small production run, consisting of not more than 100 batteries, are installed in the vehicle and the vehicle is manufactured and approved according to the provisions applied in the country of manufacture or country of use. Where a lithium battery installed in a vehicle is damaged or defective, the battery shall be removed.

- .2 vehicles powered by a flammable liquid fuel with a flashpoint of 38°C or above, there are no leaks in any portion of the fuel system, the fuel tank(s) contains 450 L of fuel or less and installed batteries are protected from short-circuit;
- .3 vehicles powered by a flammable liquid fuel with a flashpoint less than 38°C, the fuel tank(s) are empty and installed batteries are protected from short circuit. Vehicles are considered to be empty of flammable liquid fuel when the fuel tank has been drained and the vehicles cannot be operated due to a lack of fuel. Engine components such as fuel lines, fuel filters and injectors do not need to be cleaned, drained or purged to be considered empty. The fuel tank does not need to be cleaned or purged;
- .4 vehicles powered by a flammable gas (liquefied or compressed), the fuel tank(s) are empty and the positive pressure in the tank does not exceed 2 bar, the fuel shut-off or isolation valve is closed and secured, and installed batteries are protected from short circuit;
- .5 vehicles solely powered by a wet or dry electric storage battery or a sodium battery, and the battery is protected from short circuit.

962 Vehicles, not meeting the conditions of special provision 961 shall be assigned to class 9 and shall meet the following requirements:

- .1 vehicles shall not show signs of leakage from batteries, engines, fuel cells, compressed gas cylinders or accumulators, or fuel tank(s) when applicable;
- .2 for flammable liquid powered vehicles the fuel tank(s) containing the flammable liquid shall not be more than one fourth full and in any case the flammable liquid shall not exceed 250 L unless otherwise approved by the competent authority;
- .3 for flammable gas powered vehicles, the fuel shut-off valve of the fuel tank(s) shall be securely closed;
- .4 installed batteries shall be protected from damage, short circuit, and accidental activation during transport. Lithium batteries shall meet the provisions of 2.9.4, except that 2.9.4.1 and 2.9.4.7 do not apply when pre-production prototype batteries or batteries of a small production run, consisting of not more than 100 batteries, are installed in the vehicle and the vehicle is manufactured and approved according to the provisions applied in the country of manufacture or country of use. Where a lithium battery installed in a vehicle is damaged or defective, the battery shall be removed and transported according to SP 376, unless otherwise approved by the competent Authority.

The provisions of this Code relevant to marking, labelling, placarding and marine pollutants shall not apply.

963 Nickel-metal hydride cells or batteries packed with or contained in equipment and nickel-metal hydride button cells are not subject to the provisions of this Code.

All other nickel-metal hydride cells or batteries shall be securely packed and protected from short circuit. They are not subject to other provisions of this Code provided that they are loaded in a cargo transport unit in a total quantity of less than 100 kg gross mass. When loaded in a cargo transport unit in a total quantity of 100 kg gross mass or more, they are not subject to other provisions of this Code except those of 5.4.1, 5.4.3 and columns 16a and 16b of the Dangerous Goods List in chapter 3.2.

964 This substance is not subject to the provisions of this Code when transported in non-friable prills or granules form and if it passes the test for oxidizing solid substances as reflected in the *Manual of Tests and Criteria* (see 34.4.1) and is accompanied by a certificate from a laboratory accredited by a competent authority, stating that the product has been correctly sampled by trained staff from the laboratory and that the sample was correctly tested and has passed the test.

965 .1 When transported in cargo transport units, the cargo transport units shall provide an adequate exchange of air in the unit (e.g. by using a ventilated container, open-top container or container in one door off operation) to prevent the build-up of an explosive atmosphere. Alternatively, these entries shall be transported under temperature control in refrigerated cargo transport units that comply with the provisions of 7.3.7.6. When cargo transport units with venting devices are used, these devices shall be kept clear and operable. When mechanical devices are used

for ventilation, they shall be explosion-proof to prevent ignition of flammable vapours from the substances.

- .2 The provisions of .1 do not apply if:
 - .1 the substance is packed in hermetically sealed packagings or IBCs, which conform to packing group II performance level for liquid dangerous goods according to the provisions of 6.1 or 6.5, respectively; and
 - .2 the marked hydraulic test pressure exceeds 1.5 times the total gauge pressure in the packagings or IBCs determined at 55°C for the respective filling goods according to 4.1.1.10.1.
- .3 Where the substance is loaded in closed cargo transport units, the provisions of 7.3.6.1 shall be met.
- .4 Cargo transport units shall be marked with a warning mark including the words “CAUTION – MAY CONTAIN FLAMMABLE VAPOUR” with lettering not less than 25 mm high. This mark shall be affixed at each access point in a location where it will be easily seen by persons prior to opening or entering the cargo transport unit and shall remain on the cargo transport unit until the following provisions are met:
 - .1 the cargo transport unit has been completely ventilated to remove any hazardous concentration of vapour or gas;
 - .2 the immediate vicinity of the cargo transport unit is clear of any source of ignition; and
 - .3 the goods have been unloaded.

966 Sheeted bulk containers (BK1) are only permitted in accordance with 4.3.3.

967 Flexible bulk containers (BK3) are only permitted in accordance with 4.3.4.

968 This entry shall not be used for sea transport. Discarded packaging shall meet the requirements of 4.1.1.11.

969 Substances classified in accordance to 2.9.3 are subject to the provisions for marine pollutants. Substances which are transported under UN 3077 and UN 3082 but which do not meet the criteria of 2.9.3 (see 2.9.2.2) are not subject to the provisions for marine pollutants. However for substances that are identified as marine pollutants in this Code (see Index) but which no longer meet the criteria of 2.9.3, the provisions of 2.10.2.6 apply.

971 Battery powered equipment may only be transported provided that the battery shows no sign of leakage and is protected from short-circuit. In this case, no other provisions of this Code apply.

972 Lithium batteries shall meet the provisions of 2.9.4, except that 2.9.4.1 and 2.9.4.7 do not apply when pre-production prototype batteries or batteries of a small production run, consisting of not more than 100 batteries, are installed in the engine or machinery. Where a lithium battery installed in an engine or machinery is damaged or defective, the battery shall be removed.

973 Packages, with the exception of bales, shall also display the proper shipping name and the UN number of the substance that they contain in accordance with 5.2.1. In any case, the packages, including bales, are exempt from class marking provided that they are loaded in a cargo transport unit and that they contain goods to which only one UN number has been assigned. The cargo transport units in which the packages, including bales, are loaded shall display any relevant labels, placards and marks in accordance with chapter 5.3.

974 These substances may be transported in IMO type 9 tanks.

975 MEDICAL WASTE, CATEGORY A, AFFECTING HUMANS, solid or MEDICAL WASTE, CATEGORY A, AFFECTING ANIMALS only, solid shall only be transported on short international voyages. Long international voyages are authorized only with the approval of the competent authorities of the port State of departure, port State of arrival and flag State.

976 The transport of this substance shall be prohibited except with the approval of the competent authorities of the port State of departure, port State of arrival and flag State.

Chapter 3.4

Dangerous goods packed in limited quantities

3.4.1 General

3.4.1.1 This chapter provides the provisions applicable to the transport of dangerous goods of certain classes packed in limited quantities. The applicable quantity limit for the inner packaging or article is specified for each substance in column 7a of the Dangerous Goods List of chapter 3.2. In addition, the quantity "0" has been indicated in this column for each entry not permitted to be transported in accordance with this chapter.

3.4.1.2 Limited quantities of dangerous goods packed in such limited quantities, meeting the provisions of this chapter, are not subject to any other provisions of this Code except the relevant provisions of:

- .1 Part 1, chapters 1.1, 1.2 and 1.3;
- .2 Part 2;
- .3 Part 3, chapters 3.1, 3.2, 3.3;
- .4 Part 4, 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8;
- .5 Part 5, 5.1.1 except 5.1.1.6, 5.1.2.3, 5.2.1.7, 5.2.1.9, 5.3.2.4, and chapter 5.4;
- .6 Part 6, construction requirements of 6.1.4, 6.2.1.2 and 6.2.4;
- .7 Part 7, 7.1.3.2, 7.6.3.1 and 7.3 except 7.3.3.15 and 7.3.4.1.

3.4.2 Packing

3.4.2.1 Dangerous goods shall be packed only in inner packagings placed in suitable outer packagings. Intermediate packagings may be used. In addition, for articles of division 1.4, compatibility group S, the provisions of section 4.1.5 shall be fully complied with. The use of inner packagings is not necessary for the transport of articles such as aerosols or "receptacles, small, containing gas". The total gross mass of the package shall not exceed 30 kg.

3.4.2.2 Except for articles of division 1.4, compatibility group S, shrink-wrapped or stretch-wrapped trays meeting the conditions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8 are acceptable as outer packagings for articles or inner packagings containing dangerous goods transported in accordance with this chapter. Inner packagings that are liable to break or be easily punctured, such as those made of glass, porcelain, stoneware or certain plastics, shall be placed in suitable intermediate packagings meeting the provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8, and be so designed that they meet the construction requirements of 6.1.4. The total gross mass of the package shall not exceed 20 kg.

3.4.2.3 Liquid goods of class 8, packing group II in glass, porcelain or stoneware inner packagings shall be enclosed in a compatible and rigid intermediate packaging.

3.4.3 Stowage

Dangerous goods packed in limited quantity are allocated stowage category A as defined in 7.1.3.2. The other stowage provisions indicated in column 16a of the Dangerous Goods List are not applicable.

3.4.4 Segregation

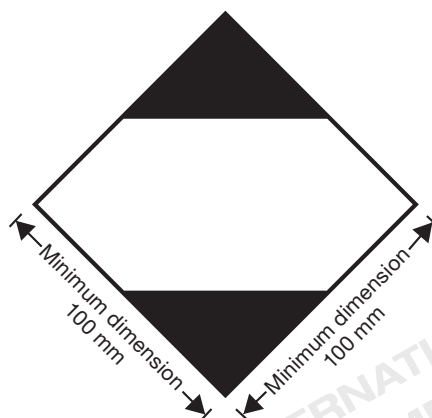
3.4.4.1 Different dangerous substances in limited quantities may be packed in the same outer packaging, provided:

- .1 the substances comply with the provisions of 7.2.6.1; and
- .2 the segregation provisions of chapter 7.2, including the segregation provisions in column 16b of the Dangerous Goods List, are taken into account. However, notwithstanding the individual provisions specified in the Dangerous Goods List, substances in packing group III within the same class may be packed together subject to compliance with 3.4.4.1.1 of the IMDG Code. The following statement shall be included in the transport document: "Transport in accordance with 3.4.4.1.2 of the IMDG Code" (see 5.4.1.5.2.2).

- 3.4.4.2 The segregation provisions of chapter 7.2 to 7.7 including the segregation provisions in column 16b of the Dangerous Goods List are not applicable for packagings containing dangerous goods in limited quantities or in relation to other dangerous goods. However, articles of division 1.4, compatibility group S shall not be stowed in the same compartment or hold, or cargo transport unit with dangerous goods of class 1 of compatibility groups A and L.

3.4.5 Marking and placarding

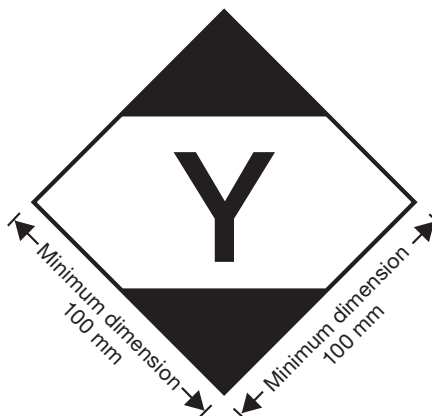
- 3.4.5.1 Except for air transport, packages containing dangerous goods in limited quantities shall bear the mark shown below:



Mark for packages containing limited quantities

The mark shall be readily visible, legible and able to withstand open weather exposure without a substantial reduction in effectiveness. The mark shall be in the form of a square set at an angle of 45° (diamond-shaped). The top and bottom portions and the surrounding line shall be black. The centre area shall be white or a suitable contrasting background. The minimum dimensions shall be 100 mm × 100 mm and the minimum width of the line forming the diamond shall be 2 mm. Where dimensions are not specified, all features shall be in approximate proportion to those shown. If the size of the package so requires, the minimum outer dimensions shown above may be reduced to be not less than 50 mm × 50 mm provided the mark remains clearly visible. The minimum width of the line forming the diamond may be reduced to a minimum of 1 mm.

- 3.4.5.2 Packages containing dangerous goods packed in conformity with the provisions of part 3, chapter 4 of the ICAO *Technical Instructions for the Safe Transport of Dangerous Goods by Air* may bear the mark shown below to certify conformity with these provisions:



Mark for packages containing limited quantities conforming to part 3, chapter 4 of the ICAO *Technical Instructions for the Safe Transport of Dangerous Goods by Air*

The mark shall be readily visible, legible and able to withstand open weather exposure without a substantial reduction in effectiveness. The mark shall be in the form of a square set at an angle of 45° (diamond-shaped). The top and bottom portions and the surrounding line shall be black. The centre area shall be white or a suitable contrasting background. The minimum dimensions shall be 100 mm × 100 mm and the minimum width of the line forming the diamond shall be 2 mm. The symbol "Y" shall be placed in the centre of the mark and shall be clearly visible. Where dimensions are not specified, all features shall be in approximate proportion to those shown. If the size of the package so requires, the minimum outer dimensions shown

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above may be reduced to be not less than 50 mm × 50 mm provided the mark remains clearly visible. The minimum width of the line forming the diamond may be reduced to a minimum of 1 mm. The symbol “Y” shall remain in approximate proportion to that shown above.

3.4.5.3 Multimodal recognition of marks

3.4.5.3.1 Packages containing dangerous goods bearing the mark shown in 3.4.5.2 with or without the additional labels and marks for air transport shall be deemed to meet the provisions of section 3.4.2 and need not bear the mark shown in 3.4.5.1.

3.4.5.3.2 Packages containing dangerous goods in limited quantities bearing the mark shown in 3.4.5.1 and conforming with the provisions of the ICAO *Technical Instructions for the Safe Transport of Dangerous Goods by Air*, including all necessary marks and labels specified in parts 5 and 6, shall be deemed to meet the provisions of section 3.4.1 as appropriate and of section 3.4.2.

3.4.5.4 When packages containing dangerous goods packed in limited quantities are placed in an overpack or in a unit load, the overpack or the unit load shall be marked with the mark required by this chapter unless the marks representative of all dangerous goods in the overpack or the unit load are visible. In addition, an overpack shall be marked with the word “OVERPACK” unless marks representative of all dangerous goods, as required by this chapter, in the overpack are visible. The lettering of the “OVERPACK” mark shall be at least 12 mm high. The other provisions of 5.1.2.1 apply only if other dangerous goods which are not packed in limited quantities are contained in the overpack or in a unit load and only in relation to these other dangerous goods.

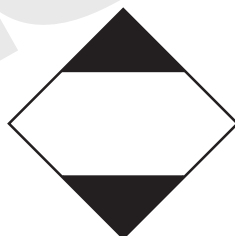
3.4.5.5 Placarding and marking of cargo transport units

3.4.5.5.1 Cargo transport units containing dangerous goods packed in limited quantities with no other dangerous goods shall not be placarded nor marked according to 5.3.2.0 and 5.3.2.1. However, they shall be suitably marked on the exterior with the mark in 3.4.5.5.4.

3.4.5.5.2 Cargo transport units containing dangerous goods and dangerous goods packed in limited quantities shall be placarded and marked according to the provisions applicable to the dangerous goods which are not packed in limited quantities. However, if no placard or mark is required for the dangerous goods not packed in limited quantities, the cargo transport units shall be marked with the mark in 3.4.5.5.4.

3.4.5.5.3 [Reserved]

3.4.5.5.4 When required in 3.4.5.5.1 or 3.4.5.5.2, the following mark shall be affixed on cargo transport units:



The mark shall be readily visible, legible and be such that this information will still be identifiable on cargo transport units surviving at least three months' immersion in the sea. In considering suitable marking methods, account shall be taken of ease with which the surface of the cargo transport unit can be marked. The top and bottom portions and the surrounding line shall be black. The centre area shall be white or a suitable contrasting background. The minimum dimensions shall be of 250 mm × 250 mm in locations indicated in 5.3.1.1.4.1.

3.4.6 Documentation

3.4.6.1 In addition to the provisions for documentation specified in chapter 5.4, the words “limited quantity” or “LTD QTY” shall be included on the dangerous goods transport document together with the description of the shipment.

Chapter 3.5

Dangerous goods packed in excepted quantities

3.5.1 Excepted quantities

3.5.1.1 Excepted quantities of dangerous goods of certain classes, other than articles, meeting the provisions of this chapter, are not subject to any other provisions of this Code except for:

- .1 The training provisions in chapter 1.3;
- .2 The classification procedures and packing group criteria in Part 2, Classification;
- .3 The packaging provisions of 4.1.1.1, 4.1.1.2, 4.1.1.4, 4.1.1.4.1 and 4.1.1.6 in Part 4; and
- .4 The provisions for documentation specified in chapter 5.4.

Note: In the case of radioactive material, the provisions for radioactive material in excepted packages in 1.5.1.5 apply.

3.5.1.2 Dangerous goods which may be carried as excepted quantities in accordance with the provisions of this chapter are shown in column 7b of the Dangerous Goods List by means of an alphanumeric code as follows:

Code	Maximum net quantity per inner packaging (in grams for solids and mL for liquids and gases)	Maximum net quantity per outer packaging (in grams for solids and mL for liquids and gases, or sum of grams and mL in the case of mixed packaging)
E0	Not permitted as excepted quantity	
E1	30	1,000
E2	30	500
E3	30	300
E4	1	500
E5	1	300

For gases, the volume indicated for inner packagings refers to the water capacity of the inner receptacle and the volume indicated for outer packagings refers to the combined water capacity of all inner packagings within a single outer packaging.

3.5.1.3 Where dangerous goods in excepted quantities for which different codes are assigned are packaged together, the total quantity per outer packaging shall be limited to that corresponding to the most restrictive code.

3.5.1.4 Excepted quantities of dangerous goods assigned to codes E1, E2, E4 and E5 are not subject to the provisions of this Code provided that:

- .1 The maximum net quantity of material per inner packaging is limited to 1 mL for liquids and gases and 1 g for solids;
- .2 The provisions of 3.5.2 are met, except that an intermediate packaging is not required if the inner packagings are securely packed in an outer packaging with cushioning material in such a way that, under normal conditions of transport, they cannot break, be punctured, or leak their contents; and for liquid dangerous goods, the outer packaging contains sufficient absorbent material to absorb the entire contents of the inner packagings;
- .3 The provisions of 3.5.3 are complied with; and
- .4 The maximum net quantity of dangerous goods per outer packaging does not exceed 100 g for solids or 100 mL for liquids and gases.

3.5.2 Packagings

3.5.2.1 Packagings used for the transport of dangerous goods in excepted quantities shall be in compliance with the following:

- .1 There shall be an inner packaging and each inner packaging shall be constructed of plastic (when used for liquid dangerous goods it shall have a thickness of not less than 0.2 mm), or of glass, porcelain, stoneware, earthenware or metal (see also 4.1.1.2) and the closure of each inner packaging shall be held securely in place with wire, tape or other positive means; any receptacle having a neck with moulded screw threads shall have a leakproof threaded-type cap. The closure shall be resistant to the contents;
- .2 Each inner packaging shall be securely packed in an intermediate packaging with cushioning material in such a way that, under normal conditions of transport, they cannot break, be punctured or leak their contents. For liquid dangerous goods, the intermediate or outer packaging shall contain sufficient absorbent material to absorb the entire contents of the inner packagings. When placed in the intermediate packaging, the absorbent material may be the cushioning material. Dangerous goods shall not react dangerously with cushioning, absorbent material and packaging material or reduce the integrity or function of the materials. Regardless of its orientation, the package shall completely contain the contents in case of breakage or leakage;
- .3 The intermediate packaging shall be securely packed in a strong, rigid outer packaging (wooden, fibre-board or other equally strong material);
- .4 Each package type shall be in compliance with the provisions in 3.5.3;
- .5 Each package shall be of such a size that there is adequate space to apply all necessary marks; and
- .6 Overpacks may be used and may also contain packages of dangerous goods or goods not subject to the provisions of this Code.

3.5.3 Tests for packages

3.5.3.1 The complete package as prepared for transport, with inner packagings filled to not less than 95% of their capacity for solids or 98% for liquids, shall be capable of withstanding, as demonstrated by testing which is appropriately documented, without breakage or leakage of any inner packaging and without significant reduction in effectiveness:

- .1 Drops onto a rigid, non-resilient flat and horizontal surface from a height of 1.8 m:
 - (i) Where the sample is in the shape of a box, it shall be dropped in each of the following orientations:
 - flat on the base;
 - flat on the top;
 - flat on the longest side;
 - flat on the shortest side;
 - on a corner
 - (ii) Where the sample is in the shape of a drum, it shall be dropped in each of the following orientations:
 - diagonally on the top chime, with the centre of gravity directly above the point of impact;
 - diagonally on the base chime;
 - flat on the side.

Note: Each of the above drops may be performed on different but identical packages.

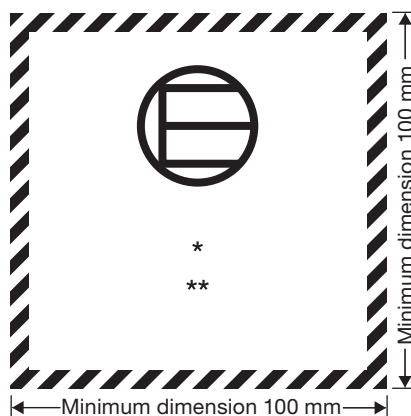
- .2 A force applied to the top surface for a duration of 24 h, equivalent to the total weight of identical packages if stacked to a height of 3 m (including the sample).

3.5.3.2 For the purposes of testing, the substances to be transported in the packaging may be replaced by other substances except where this would invalidate the results of the tests. For solids, when another substance is used, it shall have the same physical characteristics (mass, grain size, etc.) as the substance to be carried. In the drop tests for liquids, when another substance is used, its relative density (specific gravity) and viscosity shall be similar to those of the substance to be transported.

3.5.4 Marking of packages

3.5.4.1 Packages containing excepted quantities of dangerous goods prepared in accordance with this chapter shall be durably and legibly marked with the mark shown below. The primary hazard class of each of the dangerous goods contained in the package shall be shown in the mark. Where the name of the consignor or consignee is not shown elsewhere on the package, this information shall be included within the mark.

3.5.4.2



Excepted quantities mark

* The class or, when assigned, the division number(s) shall be shown in this location.

** The name of the consignor or of the consignee shall be shown in this location if not shown elsewhere on the package.

The mark shall be in the form of a square. The hatching and symbol shall be of the same colour, black or red, on white or suitable contrasting background. The minimum dimensions shall be 100 mm × 100 mm. Where dimensions are not specified, all features shall be in approximate proportion to those shown.

3.5.4.3

When packages containing dangerous goods packed in excepted quantities are placed in an overpack or in a unit load, the overpack or the unit load shall be marked with the mark required by this chapter unless the marks representative of all dangerous goods in the overpack or the unit load are visible. In addition, an overpack shall be marked with the word "OVERPACK" unless marks representative of all dangerous goods, as required by this chapter, in the overpack are visible. The lettering of the "OVERPACK" mark shall be at least 12 mm high. The other provisions of 5.1.2.1 apply only if other dangerous goods which are not packed in excepted quantities are contained in the overpack or in a unit load and only in relation to these other dangerous goods.

3.5.5

Maximum number of packages in any cargo transport unit

3.5.5.1

The number of packages containing dangerous goods packed in excepted quantities in any cargo transport unit shall not exceed 1,000.

3.5.6

Documentation

3.5.6.1

In addition to the provisions for documentation specified in chapter 5.4, the words "dangerous goods in excepted quantities" and the number of packages shall be included on the dangerous goods transport document together with the description of the shipment.

3.5.7

Stowage

3.5.7.1

Dangerous goods packed in excepted quantity are allocated stowage category A as defined in 7.1.3.2. The other stowage provisions indicated in column 16a of the Dangerous Goods List are not applicable.

3.5.8

Segregation

3.5.8.1

The segregation provisions of chapters 7.2 to 7.7, including the segregation provisions in column 16b of the Dangerous Goods List, are not applicable for packagings containing dangerous goods packed in excepted quantities or in relation to other dangerous goods.

3.5.8.2

The segregation provisions of chapters 7.2 to 7.7, including the segregation provisions in column 16b of the Dangerous Goods List, are not applicable for different dangerous goods in excepted quantities in the same outer packaging provided that they do not react dangerously with each other (see 4.1.1.6).

Appendix A

List of generic and N.O.S. proper shipping names

Substances or articles not mentioned specifically by name in the Dangerous Goods List in chapter 3.2 shall be classified in accordance with 3.1.1.2. Thus the name in the Dangerous Goods List which most appropriately describes the substance or article shall be used as the proper shipping name. The main generic entries and all the N.O.S. entries given in the Dangerous Goods List are listed below. This proper shipping name shall be supplemented by the technical name when special provision 274 or 318 has been assigned to the entry in column 6 of the Dangerous Goods List. For marine pollutants, see also 3.1.2.9.

In this list, general and N.O.S. names are grouped according to their hazard class or division. Within each hazard class or division, the names have been placed into three groups as follows:

- specific entries covering a group of substances or articles of a particular chemical or technical nature;
- pesticide entries, for class 3 and class 6.1;
- general entries covering a group of substances or articles having one or more general dangerous properties.

THE MOST SPECIFIC APPLICABLE NAME SHALL ALWAYS BE USED.



Appendices

Class or division	Subsidiary hazard	UN No.	Proper shipping name
CLASS 1			
1		0190	SAMPLES, EXPLOSIVE, other than initiating explosive
Division 1.1			
1.1A		0473	SUBSTANCES, EXPLOSIVE, N.O.S.
1.1B		0461	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.
1.1C		0462	ARTICLES, EXPLOSIVE, N.O.S.
1.1C		0474	SUBSTANCES, EXPLOSIVE, N.O.S.
1.1C		0497	PROPELLANT, LIQUID
1.1C		0498	PROPELLANT, SOLID
1.1D		0463	ARTICLES, EXPLOSIVE, N.O.S.
1.1D		0475	SUBSTANCES, EXPLOSIVE, N.O.S.
1.1E		0464	ARTICLES, EXPLOSIVE, N.O.S.
1.1F		0465	ARTICLES, EXPLOSIVE, N.O.S.
1.1G		0476	SUBSTANCES, EXPLOSIVE, N.O.S.
1.1L		0354	ARTICLES, EXPLOSIVE, N.O.S.
1.1L		0357	SUBSTANCES, EXPLOSIVE, N.O.S.
Division 1.2			
1.2B		0382	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.
1.2C		0466	ARTICLES, EXPLOSIVE, N.O.S.
1.2D		0467	ARTICLES, EXPLOSIVE, N.O.S.
1.2E		0468	ARTICLES, EXPLOSIVE, N.O.S.
1.2F		0469	ARTICLES, EXPLOSIVE, N.O.S.
1.2K	6.1	0020	AMMUNITION, TOXIC with burster, expelling charge or propelling charge
1.2L	4.3	0248	CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge
1.2L		0355	ARTICLES, EXPLOSIVE, N.O.S.
1.2L		0358	SUBSTANCES, EXPLOSIVE, N.O.S.
Division 1.3			
1.3C		0132	DEFLAGRATING METAL SALTS OF AROMATIC NITRO-DERIVATIVES, N.O.S.
1.3C		0470	ARTICLES, EXPLOSIVE, N.O.S.
1.3C		0477	SUBSTANCES, EXPLOSIVE, N.O.S.
1.3C		0495	PROPELLANT, LIQUID
1.3C		0499	PROPELLANT, SOLID
1.3G		0478	SUBSTANCES, EXPLOSIVE, N.O.S.
1.3K	6.1	0021	AMMUNITION, TOXIC with burster, expelling charge or propelling charge
1.3L	4.3	0249	CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge
1.3L		0356	ARTICLES, EXPLOSIVE, N.O.S.
1.3L		0359	SUBSTANCES, EXPLOSIVE, N.O.S.
Division 1.4			
1.4B		0350	ARTICLES, EXPLOSIVE, N.O.S.
1.4B		0383	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.
1.4C		0351	ARTICLES, EXPLOSIVE, N.O.S.
1.4C		0479	SUBSTANCES, EXPLOSIVE, N.O.S.
1.4C		0501	PROPELLANT, SOLID
1.4D		0352	ARTICLES, EXPLOSIVE, N.O.S.
1.4D		0480	SUBSTANCES, EXPLOSIVE, N.O.S.
1.4E		0471	ARTICLES, EXPLOSIVE, N.O.S.
1.4F		0472	ARTICLES, EXPLOSIVE, N.O.S.
1.4G		0353	ARTICLES, EXPLOSIVE, N.O.S.
1.4G		0485	SUBSTANCES, EXPLOSIVE, N.O.S.
1.4S		0349	ARTICLES, EXPLOSIVE, N.O.S.
1.4S		0384	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.
1.4S		0481	SUBSTANCES, EXPLOSIVE, N.O.S.
Division 1.5			
1.5D		0482	SUBSTANCES, EXPLOSIVE, VERY INSENSITIVE (SUBSTANCES, EVI), N.O.S.
Division 1.6			
1.6N		0486	ARTICLES, EXPLOSIVE, EXTREMELY INSENSITIVE (ARTICLES, EEI)

Appendix A – List of generic and N.O.S. proper shipping names

Class or division	Subsidiary hazard	UN No.	Proper shipping name
CLASS 2			
Class 2.1			
Specific entries			
2.1		1964	HYDROCARBON GAS MIXTURE, COMPRESSED, N.O.S.
2.1		1965	HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S.
2.1		3354	INSECTICIDE GAS, FLAMMABLE, N.O.S.
General entries			
2.1		1954	COMPRESSED GAS, FLAMMABLE, N.O.S.
2.1		3161	LIQUEFIED GAS, FLAMMABLE, N.O.S.
2.1		3167	GAS SAMPLE, NON-PRESSURIZED, FLAMMABLE, N.O.S., not refrigerated liquid
2.1		3312	GAS, REFRIGERATED LIQUID, FLAMMABLE, N.O.S.
2.1		3501	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.
2.1		3510	ADSORBED GAS, FLAMMABLE, N.O.S.
2.1	See 2.0.6.6	3537	ARTICLES CONTAINING FLAMMABLE GAS, N.O.S.
2.1	6.1	3504	CHEMICAL UNDER PRESSURE, FLAMMABLE, TOXIC, N.O.S.
2.1	8	3505	CHEMICAL UNDER PRESSURE, FLAMMABLE, CORROSIVE, N.O.S.
Class 2.2			
Specific entries			
2.2		1078	REFRIGERANT GAS, N.O.S.
2.2		1968	INSECTICIDE GAS, N.O.S.
General entries			
2.2		1956	COMPRESSED GAS, N.O.S.
2.2		3163	LIQUEFIED GAS, N.O.S.
2.2		3158	GAS, REFRIGERATED LIQUID, N.O.S.
2.2		3500	CHEMICAL UNDER PRESSURE, N.O.S.
2.2		3511	ADSORBED GAS, N.O.S.
2.2	See 2.0.6.6	3538	ARTICLES CONTAINING NON-FLAMMABLE, NON-TOXIC GAS, N.O.S.
2.2	5.1	3156	COMPRESSED GAS, OXIDIZING, N.O.S.
2.2	5.1	3157	LIQUEFIED GAS, OXIDIZING, N.O.S.
2.2	5.1	3311	GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.
2.2	5.1	3513	ADSORBED GAS, OXIDIZING, N.O.S.
2.2	6.1	3502	CHEMICAL UNDER PRESSURE, TOXIC, N.O.S.
2.2	8	3503	CHEMICAL UNDER PRESSURE, CORROSIVE, N.O.S.
Class 2.3			
Specific entries			
2.3		1967	INSECTICIDE GAS, TOXIC, N.O.S.
2.3	2.1	3355	INSECTICIDE GAS, TOXIC, FLAMMABLE, N.O.S.
General entries			
2.3		1955	COMPRESSED GAS, TOXIC, N.O.S.
2.3		3162	LIQUEFIED GAS, TOXIC, N.O.S.
2.3		3169	GAS SAMPLE, NON-PRESSURIZED, TOXIC, N.O.S., not refrigerated liquid
2.3		3512	ADSORBED GAS, TOXIC, N.O.S.
2.3	See 2.0.6.6	3539	ARTICLES CONTAINING TOXIC GAS, N.O.S.
2.3	2.1	1953	COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.
2.3	2.1	3160	LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S.
2.3	2.1	3168	GAS SAMPLE, NON-PRESSURIZED, TOXIC, FLAMMABLE, N.O.S., not refrigerated liquid
2.3	2.1	3514	ADSORBED GAS, TOXIC, FLAMMABLE, N.O.S.
2.3	2.1 + 8	3305	COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.
2.3	2.1 + 8	3309	LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.
2.3	2.1 + 8	3517	ADSORBED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.
2.3	5.1	3303	COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.
2.3	5.1	3307	LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.
2.3	5.1	3515	ADSORBED GAS, TOXIC, OXIDIZING, N.O.S.
2.3	5.1 + 8	3306	COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.

Appendices

Class or division	Subsidiary hazard	UN No.	Proper shipping name
			CLASS 2 (continued)
			Class 2.3 (continued)
2.3	5.1 + 8	3310	LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.
2.3	5.1 + 8	3518	ADSORBED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.
2.3	8	3304	COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S.
2.3	8	3308	LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.
2.3	8	3516	ADSORBED GAS, TOXIC, CORROSIVE, N.O.S.



Appendix A – List of generic and N.O.S. proper shipping names

Class or division	Subsidiary hazard	UN No.	Proper shipping name
CLASS 3			
Specific entries			
3		1224	KETONES, LIQUID, N.O.S.
3		1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.
3		1987	ALCOHOLS, N.O.S.
3		1989	ALDEHYDES, N.O.S.
3		2319	TERPENE HYDROCARBONS, N.O.S.
3		3271	ETHERS, N.O.S.
3		3272	ESTERS, N.O.S.
3		3295	HYDROCARBONS, LIQUID, N.O.S.
3		3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.
3		3343	NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S. with not more than 30% nitroglycerin, by mass
3		3357	NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, N.O.S. with not more than 30% nitroglycerin, by mass
3		3379	DESENSITIZED EXPLOSIVE, LIQUID, N.O.S.
3	6.1	1228	MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.
3	6.1	1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.
3	6.1	1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.
3	6.1	2478	ISOCYANATES, FLAMMABLE, TOXIC, N.O.S. or ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.
3	6.1	3248	MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.
3	6.1	3273	NITRILES, FLAMMABLE, TOXIC, N.O.S.
3	8	2733	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.
3	8	2985	CHLOROSILANES, FLAMMABLE, CORROSIVE, N.O.S.
3	8	3274	ALCOHOLATES SOLUTION, N.O.S. in alcohol
Pesticides			
3	6.1	2758	CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint < 23°C
3	6.1	2760	ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint < 23°C
3	6.1	2762	ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint < 23°C
3	6.1	2764	TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint < 23°C
3	6.1	2772	THIOCARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint < 23°C
3	6.1	2776	COPPER BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint < 23°C
3	6.1	2778	MERCURY BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint < 23°C
3	6.1	2780	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint < 23°C
3	6.1	2782	BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint < 23°C
3	6.1	2784	ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint < 23°C
3	6.1	2787	ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint < 23°C
3	6.1	3021	PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S. flashpoint < 23°C
3	6.1	3024	COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint < 23°C
3	6.1	3346	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint < 23°C
3	6.1	3350	PYRETHROID PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint < 23°C
General entries			
3		1993	FLAMMABLE LIQUID, N.O.S.
3		3256	ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. with flashpoint above 60°C, at or above its flashpoint
3	See 2.0.6.6	3540	ARTICLES CONTAINING FLAMMABLE LIQUID, N.O.S.
3	6.1	1992	FLAMMABLE LIQUID, TOXIC, N.O.S.
3	6.1 + 8	3286	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.
3	8	2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.

Appendices

Class or division	Subsidiary hazard	UN No.	Proper shipping name
			CLASS 4
			Class 4.1
			Specific entries
4.1		1353	FIBRES or FABRICS IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.
4.1		3089	METAL POWDER, FLAMMABLE, N.O.S.
4.1		3182	METAL HYDRIDES, FLAMMABLE, N.O.S.
4.1		3221	SELF-REACTIVE LIQUID TYPE B
4.1		3222	SELF-REACTIVE SOLID TYPE B
4.1		3223	SELF-REACTIVE LIQUID TYPE C
4.1		3224	SELF-REACTIVE SOLID TYPE C
4.1		3225	SELF-REACTIVE LIQUID TYPE D
4.1		3226	SELF-REACTIVE SOLID TYPE D
4.1		3227	SELF-REACTIVE LIQUID TYPE E
4.1		3228	SELF-REACTIVE SOLID TYPE E
4.1		3229	SELF-REACTIVE LIQUID TYPE F
4.1		3230	SELF-REACTIVE SOLID TYPE F
4.1		3231	SELF-REACTIVE LIQUID TYPE B, TEMPERATURE CONTROLLED
4.1		3232	SELF-REACTIVE SOLID TYPE B, TEMPERATURE CONTROLLED
4.1		3233	SELF-REACTIVE LIQUID TYPE C, TEMPERATURE CONTROLLED
4.1		3234	SELF-REACTIVE SOLID TYPE C, TEMPERATURE CONTROLLED
4.1		3235	SELF-REACTIVE LIQUID TYPE D, TEMPERATURE CONTROLLED
4.1		3236	SELF-REACTIVE SOLID TYPE D, TEMPERATURE CONTROLLED
4.1		3237	SELF-REACTIVE LIQUID TYPE E, TEMPERATURE CONTROLLED
4.1		3238	SELF-REACTIVE SOLID TYPE E, TEMPERATURE CONTROLLED
4.1		3239	SELF-REACTIVE LIQUID TYPE F, TEMPERATURE CONTROLLED
4.1		3240	SELF-REACTIVE SOLID TYPE F, TEMPERATURE CONTROLLED
4.1		3319	NITROGLYCERIN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 2% but not more than 10% nitroglycerin, by mass
4.1		3344	PENTAERYTHRITOL TETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN) MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass
4.1		3380	DESENSITIZED EXPLOSIVE, SOLID, N.O.S.
4.1		3531	POLYMERIZING SUBSTANCE, SOLID, STABILIZED, N.O.S.
4.1		3532	POLYMERIZING SUBSTANCE, LIQUID, STABILIZED, N.O.S.
4.1		3533	POLYMERIZING SUBSTANCE, SOLID, TEMPERATURE CONTROLLED, N.O.S.
4.1		3534	POLYMERIZING SUBSTANCE, LIQUID, TEMPERATURE CONTROLLED, N.O.S.
			General entries
4.1		1325	FLAMMABLE SOLID, ORGANIC, N.O.S.
4.1		3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
4.1		3176	FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.
4.1		3178	FLAMMABLE SOLID, INORGANIC, N.O.S.
4.1		3181	METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.
4.1	See 2.0.6.6	3541	ARTICLES CONTAINING FLAMMABLE SOLID, N.O.S.
4.1	5.1	3097	FLAMMABLE SOLID, OXIDIZING, N.O.S.
4.1	6.1	2926	FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.
4.1	6.1	3179	FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.
4.1	8	2925	FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.
4.1	8	3180	FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.
			Class 4.2
			Specific entries
4.2		1373	FIBRES or FABRICS, ANIMAL or VEGETABLE or SYNTHETIC, N.O.S. with oil
4.2		1378	METAL CATALYST, WETTED with a visible excess of liquid
4.2		1383	PYROPHORIC METAL, N.O.S. or PYROPHORIC ALLOY, N.O.S.
4.2		2006	PLASTICS, NITROCELLULOSE-BASED, SELF-HEATING, N.O.S.
4.2		2881	METAL CATALYST, DRY
4.2		3189	METAL POWDER, SELF-HEATING, N.O.S.

Appendix A – List of generic and N.O.S. proper shipping names

Class or division	Subsidiary hazard	UN No.	Proper shipping name
			CLASS 4 (continued)
			Class 4.2 (continued)
			Specific entries (continued)
4.2		3205	ALKALINE EARTH METAL ALCOHOLATES, N.O.S.
4.2		3313	ORGANIC PIGMENTS, SELF-HEATING
4.2		3342	XANTHATES
4.2		3391	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC
4.2		3392	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC
4.2		3400	ORGANOMETALLIC SUBSTANCE, SOLID, SELF-HEATING
4.2	4.3	3393	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC, WATER-REACTIVE
4.2	4.3	3394	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATER-REACTIVE
4.2	8	3206	ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.
			General entries
4.2		2845	PYROPHORIC LIQUID, ORGANIC, N.O.S.
4.2		2846	PYROPHORIC SOLID, ORGANIC, N.O.S.
4.2		3088	SELF-HEATING SOLID, ORGANIC, N.O.S.
4.2		3183	SELF-HEATING LIQUID, ORGANIC, N.O.S.
4.2		3186	SELF-HEATING LIQUID, INORGANIC, N.O.S.
4.2		3190	SELF-HEATING SOLID, INORGANIC, N.O.S.
4.2		3194	PYROPHORIC LIQUID, INORGANIC, N.O.S.
4.2		3200	PYROPHORIC SOLID, INORGANIC, N.O.S.
4.2	See 2.0.6.6	3542	ARTICLES CONTAINING A SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION, N.O.S.
4.2	5.1	3127	SELF-HEATING SOLID, OXIDIZING, N.O.S.
4.2	6.1	3128	SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.
4.2	6.1	3184	SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.
4.2	6.1	3187	SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.
4.2	6.1	3191	SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.
4.2	8	3126	SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.
4.2	8	3185	SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.
4.2	8	3188	SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.
4.2	8	3192	SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.
			Class 4.3
			Specific entries
4.3		1389	ALKALI METAL AMALGAM, LIQUID
4.3		1390	ALKALI METAL AMIDES
4.3		1391	ALKALI METAL DISPERSION or ALKALINE EARTH METAL DISPERSION
4.3		1392	ALKALINE EARTH METAL AMALGAM, LIQUID
4.3		1393	ALKALINE EARTH METAL ALLOY, N.O.S.
4.3		1409	METAL HYDRIDES, WATER-REACTIVE, N.O.S.
4.3		1421	ALKALI METAL ALLOY, LIQUID, N.O.S.
4.3		3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.
4.3		3395	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE
4.3		3398	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE
4.3		3401	ALKALI METAL AMALGAM, SOLID
4.3		3402	ALKALINE EARTH METAL AMALGAM, SOLID
4.3	3	3399	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE
4.3	3	3482	ALKALI METAL DISPERSION, FLAMMABLE or ALKALINE EARTH METAL DISPERSION, FLAMMABLE
4.3	3 + 8	2988	CHLOROSILANES, WATER-REACTIVE, FLAMMABLE, CORROSIVE, N.O.S.
4.3	4.1	3396	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, FLAMMABLE
4.3	4.2	3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.
4.3	4.2	3397	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, SELF-HEATING
			General entries
4.3		3148	WATER-REACTIVE LIQUID, N.O.S.
4.3		2813	WATER-REACTIVE SOLID, N.O.S.

Appendices

Class or division	Subsidiary hazard	UN No.	Proper shipping name
			CLASS 4 (continued)
			Class 4.3 (continued)
4.3	See 2.0.6.6	3543	ARTICLES CONTAINING A SUBSTANCE WHICH IN CONTACT WITH WATER EMITS FLAMMABLE GASES, N.O.S.
4.3	4.1	3132	WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.
4.3	4.2	3135	WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.
4.3	5.1	3133	WATER-REACTIVE SOLID, OXIDIZING, N.O.S.
4.3	6.1	3130	WATER-REACTIVE LIQUID, TOXIC, N.O.S.
4.3	6.1	3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.
4.3	8	3129	WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.
4.3	8	3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.



Appendix A – List of generic and N.O.S. proper shipping names

Class or division	Subsidiary hazard	UN No.	Proper shipping name
			CLASS 5
			Class 5.1
			Specific entries
5.1		1450	BROMATES, INORGANIC, N.O.S.
5.1		1461	CHLORATES, INORGANIC, N.O.S.
5.1		1462	CHLORITES, INORGANIC, N.O.S.
5.1		1477	NITRATES, INORGANIC, N.O.S.
5.1		1481	PERCHLORATES, INORGANIC, N.O.S.
5.1		1482	PERMANGANATES, INORGANIC, N.O.S.
5.1		1483	PEROXIDES, INORGANIC, N.O.S.
5.1		2627	NITRITES, INORGANIC, N.O.S.
5.1		3210	CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
5.1		3211	PERCHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
5.1		3212	HYPOCHLORITES, INORGANIC, N.O.S.
5.1		3213	BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
5.1		3214	PERMANGANATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
5.1		3215	PERSULPHATES, INORGANIC, N.O.S.
5.1		3216	PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
5.1		3218	NITRATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
5.1		3219	NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
			General entries
5.1		1479	OXIDIZING SOLID, N.O.S.
5.1		3139	OXIDIZING LIQUID, N.O.S.
5.1	See 2.0.6.6	3544	ARTICLES CONTAINING OXIDIZING SUBSTANCE, N.O.S.
5.1	4.1	3137	OXIDIZING SOLID, FLAMMABLE, N.O.S.
5.1	4.2	3100	OXIDIZING SOLID, SELF-HEATING, N.O.S.
5.1	4.3	3121	OXIDIZING SOLID, WATER-REACTIVE, N.O.S.
5.1	6.1	3087	OXIDIZING SOLID, TOXIC, N.O.S.
5.1	6.1	3099	OXIDIZING LIQUID, TOXIC, N.O.S.
5.1	8	3085	OXIDIZING SOLID, CORROSIVE, N.O.S.
5.1	8	3098	OXIDIZING LIQUID, CORROSIVE, N.O.S.
			Class 5.2
			Specific entries
5.2		3101	ORGANIC PEROXIDE TYPE B, LIQUID
5.2		3102	ORGANIC PEROXIDE TYPE B, SOLID
5.2		3103	ORGANIC PEROXIDE TYPE C, LIQUID
5.2		3104	ORGANIC PEROXIDE TYPE C, SOLID
5.2		3105	ORGANIC PEROXIDE TYPE D, LIQUID
5.2		3106	ORGANIC PEROXIDE TYPE D, SOLID
5.2		3107	ORGANIC PEROXIDE TYPE E, LIQUID
5.2		3108	ORGANIC PEROXIDE TYPE E, SOLID
5.2		3109	ORGANIC PEROXIDE TYPE F, LIQUID
5.2		3110	ORGANIC PEROXIDE TYPE F, SOLID
5.2		3111	ORGANIC PEROXIDE TYPE B, LIQUID, TEMPERATURE CONTROLLED
5.2		3112	ORGANIC PEROXIDE TYPE B, SOLID, TEMPERATURE CONTROLLED
5.2		3113	ORGANIC PEROXIDE TYPE C, LIQUID, TEMPERATURE CONTROLLED
5.2		3114	ORGANIC PEROXIDE TYPE C, SOLID, TEMPERATURE CONTROLLED
5.2		3115	ORGANIC PEROXIDE TYPE D, LIQUID, TEMPERATURE CONTROLLED
5.2		3116	ORGANIC PEROXIDE TYPE D, SOLID, TEMPERATURE CONTROLLED
5.2		3117	ORGANIC PEROXIDE TYPE E, LIQUID, TEMPERATURE CONTROLLED
5.2		3118	ORGANIC PEROXIDE TYPE E, SOLID, TEMPERATURE CONTROLLED
5.2		3119	ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED
5.2		3120	ORGANIC PEROXIDE TYPE F, SOLID, TEMPERATURE CONTROLLED
			General entries
5.2	See 2.0.6.6	3545	ARTICLES CONTAINING ORGANIC PEROXIDE, N.O.S.

Appendices

Class or division	Subsidiary hazard	UN No.	Proper shipping name
			CLASS 6
			Class 6.1
			Specific entries
6.1		1544	ALKALOIDS, SOLID, N.O.S. or ALKALOID SALTS, SOLID, N.O.S.
6.1		1549	ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S.
6.1		1556	ARSENIC COMPOUND, LIQUID, N.O.S. inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s., and Arsenic sulphides, n.o.s.
6.1		1557	ARSENIC COMPOUND, SOLID, N.O.S. inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s., and Arsenic sulphides, n.o.s.
6.1		1564	BARIUM COMPOUND, N.O.S.
6.1		1566	BERYLLIUM COMPOUND, N.O.S.
6.1		1583	CHLOROPICRIN MIXTURE, N.O.S.
6.1		1588	CYANIDES, INORGANIC, SOLID, N.O.S.
6.1		1601	DISINFECTANT, SOLID, TOXIC, N.O.S.
6.1		1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.
6.1		1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.
6.1		1693	TEAR GAS SUBSTANCE, LIQUID, N.O.S.
6.1		1707	THALLIUM COMPOUND, N.O.S.
6.1		1851	MEDICINE, LIQUID, TOXIC, N.O.S.
6.1		1935	CYANIDE SOLUTION, N.O.S.
6.1		2024	MERCURY COMPOUND, LIQUID, N.O.S.
6.1		2025	MERCURY COMPOUND, SOLID, N.O.S.
6.1		2026	PHENYLMERCURIC COMPOUND, N.O.S.
6.1		2206	ISOCYANATES, TOXIC, N.O.S. or ISOCYANATE SOLUTION, TOXIC, N.O.S.
6.1		2291	LEAD COMPOUND, SOLUBLE, N.O.S.
6.1		2570	CADMIUM COMPOUND
6.1		2788	ORGANOTIN COMPOUND, LIQUID, N.O.S.
6.1		2856	FLUOROSILICATES, N.O.S.
6.1		3140	ALKALOIDS, LIQUID, N.O.S. or ALKALOIDS SALTS, LIQUID, N.O.S.
6.1		3141	ANTIMONY COMPOUND, INORGANIC, LIQUID, N.O.S.
6.1		3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.
6.1		3143	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.
6.1		3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.
6.1		3146	ORGANOTIN COMPOUND, SOLID, N.O.S.
6.1		3249	MEDICINE, SOLID, TOXIC, N.O.S.
6.1		3276	NITRILES, TOXIC, LIQUID, N.O.S.
6.1		3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, LIQUID, N.O.S.
6.1		3280	ORGANOARSENIC COMPOUND, LIQUID, N.O.S.
6.1		3281	METAL CARBONYLS, LIQUID, N.O.S. with LC ₅₀
6.1		3282	ORGANOMETALLIC COMPOUND, TOXIC, LIQUID, N.O.S. with LC ₅₀
6.1		3283	SELENIUM COMPOUND, SOLID, N.O.S. with LC ₅₀
6.1		3284	TELLURIUM COMPOUND, N.O.S. with LC ₅₀
6.1		3285	VANADIUM COMPOUND, N.O.S.
6.1		3439	NITRILES, TOXIC, SOLID, N.O.S.
6.1		3440	SELENIUM COMPOUND, LIQUID, N.O.S.
6.1		3448	TEAR GAS SUBSTANCE, SOLID, N.O.S.
6.1		3464	ORGANOPHOSPHORUS COMPOUND, TOXIC, SOLID, N.O.S.
6.1		3465	ORGANOARSENIC COMPOUND, SOLID, N.O.S.
6.1		3466	METAL CARBONYLS, SOLID, N.O.S.
6.1		3467	ORGANOMETALLIC COMPOUND, TOXIC, SOLID, N.O.S.
6.1	3	3071	MERCAPTANS, LIQUID, TOXIC, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, TOXIC, FLAMMABLE, N.O.S.
6.1	3	3080	ISOCYANATES, TOXIC, FLAMMABLE, N.O.S. or ISOCYANATE SOLUTION, TOXIC, FLAMMABLE, N.O.S.
6.1	3	3275	NITRILES, TOXIC, FLAMMABLE, N.O.S.
6.1	3	3279	ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S.
6.1	3 + 8	2742	CHLOROFORMATES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.

Appendix A – List of generic and N.O.S. proper shipping names

Class or division	Subsidiary hazard	UN No.	Proper shipping name
			CLASS 6 (continued)
			Class 6.1 (continued)
			Specific entries (continued)
6.1	3 + 8	3362	CHLOROSILANES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.
6.1	8	3277	CHLOROFORMATES, TOXIC, CORROSIVE, N.O.S.
6.1	8	3361	CHLOROSILANES, TOXIC, CORROSIVE, N.O.S.
			Pesticides
			<i>(a) Solid</i>
6.1		2588	PESTICIDE, SOLID, TOXIC, N.O.S.
6.1		2757	CARBAMATE PESTICIDE, SOLID, TOXIC
6.1		2759	ARSENICAL PESTICIDE, SOLID, TOXIC
6.1		2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC
6.1		2763	TRIAZINE PESTICIDE, SOLID, TOXIC
6.1		2771	THIOCARBAMATE PESTICIDE, SOLID, TOXIC
6.1		2775	COPPER BASED PESTICIDE, SOLID, TOXIC
6.1		2777	MERCURY BASED PESTICIDE, SOLID, TOXIC
6.1		2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC
6.1		2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC
6.1		2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC
6.1		2786	ORGANOTIN PESTICIDE, SOLID, TOXIC
6.1		3027	COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC
6.1		3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC
6.1		3349	PYRETHROID PESTICIDE, SOLID, TOXIC
			<i>(b) Liquid</i>
6.1		2902	PESTICIDE, LIQUID TOXIC, N.O.S.
6.1		2992	CARBAMATE PESTICIDE, LIQUID, TOXIC
6.1		2994	ARSENICAL PESTICIDE, LIQUID, TOXIC
6.1		2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC
6.1		2998	TRIAZINE PESTICIDE, LIQUID, TOXIC
6.1		3006	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC
6.1		3010	COPPER BASED PESTICIDE, LIQUID, TOXIC
6.1		3012	MERCURY BASED PESTICIDE, LIQUID, TOXIC
6.1		3014	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC
6.1		3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC
6.1		3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC
6.1		3020	ORGANOTIN PESTICIDE, LIQUID, TOXIC
6.1		3026	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC
6.1		3348	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC
6.1		3352	PYRETHROID PESTICIDE, LIQUID, TOXIC
6.1	3	2903	PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	2991	CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	2993	ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	2995	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	2997	TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3005	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3009	COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3011	MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3013	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3015	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3017	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3019	ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3025	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3347	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3351	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$

Appendices

Class or division	Subsidiary hazard	UN No.	Proper shipping name
			CLASS 6 (continued)
			Class 6.1 (continued)
			General entries
6.1		2810	TOXIC LIQUID, ORGANIC, N.O.S.
6.1		2811	TOXIC SOLID, ORGANIC, N.O.S.
6.1		3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.
6.1		3243	SOLIDS CONTAINING TOXIC LIQUID, N.O.S.
6.1		3287	TOXIC LIQUID, INORGANIC, N.O.S.
6.1		3288	TOXIC SOLID, INORGANIC, N.O.S.
6.1		3315	CHEMICAL SAMPLE, TOXIC
6.1		3381	TOXIC BY INHALATION LIQUID, N.O.S. with an LC ₅₀ lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
6.1		3382	TOXIC BY INHALATION LIQUID, N.O.S. with an LC ₅₀ lower than or equal to 1,000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀
6.1		3462	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.
6.1	See 2.0.6.6	3546	ARTICLES CONTAINING TOXIC SUBSTANCE, N.O.S.
6.1	3	2929	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.
6.1	3	3383	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an LC ₅₀ lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
6.1	3	3384	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an LC ₅₀ lower than or equal to 1,000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀
6.1	3 + 8	3488	TOXIC BY INHALATION LIQUID, FLAMMABLE, CORROSIVE, N.O.S. with an LC ₅₀ lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
6.1	3 + 8	3489	TOXIC BY INHALATION LIQUID, FLAMMABLE, CORROSIVE, N.O.S. with an LC ₅₀ lower than or equal to 1,000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀
6.1	4.1	2930	TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.
6.1	4.1	3535	TOXIC SOLID, FLAMMABLE, INORGANIC, N.O.S.
6.1	4.2	3124	TOXIC SOLID, SELF-HEATING, N.O.S.
6.1	4.3	3123	TOXIC LIQUID, WATER-REACTIVE, N.O.S.
6.1	4.3	3125	TOXIC SOLID, WATER-REACTIVE, N.O.S.
6.1	4.3	3385	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. with an LC ₅₀ lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
6.1	4.3	3386	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. with an LC ₅₀ lower than or equal to 1,000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀
6.1	4.3 + 3	3490	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, FLAMMABLE, N.O.S. with an LC ₅₀ lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
6.1	4.3 + 3	3491	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, FLAMMABLE, N.O.S. with an LC ₅₀ lower than or equal to 1,000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀
6.1	5.1	3122	TOXIC LIQUID, OXIDIZING, N.O.S.
6.1	5.1	3086	TOXIC SOLID, OXIDIZING, N.O.S.
6.1	5.1	3387	TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S. with an LC ₅₀ lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
6.1	5.1	3388	TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S. with an LC ₅₀ lower than or equal to 1,000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀
6.1	8	2927	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.
6.1	8	2928	TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.
6.1	8	3289	TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.
6.1	8	3290	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.
6.1	8	3389	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an LC ₅₀ lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
6.1	8	3390	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an LC ₅₀ lower than or equal to 1,000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀

Appendix A – List of generic and N.O.S. proper shipping names

Class or division	Subsidiary hazard	UN No.	Proper shipping name
			CLASS 6 (continued)
			Class 6.2
			Specific entries
6.2		3291	CLINICAL WASTE, UNSPECIFIED, N.O.S. or (BIO)MEDICAL WASTE, N.O.S. or REGULATED MEDICAL WASTE, N.O.S.
6.2		3373	BIOLOGICAL SUBSTANCE, CATEGORY B
6.2		3549	MEDICAL WASTE, CATEGORY A, AFFECTING HUMANS, solid or MEDICAL WASTE, CATEGORY A, AFFECTING ANIMALS only, solid
			General entries
6.2		2814	INFECTIOUS SUBSTANCE, AFFECTING HUMANS
6.2		2900	INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only



Appendices

Class or division	Subsidiary hazard	UN No.	Proper shipping name
			CLASS 7
			General entries
7		2908	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – EMPTY PACKAGING
7		2909	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – ARTICLES MANUFACTURED FROM NATURAL URANIUM or DEPLETED URANIUM or NATURAL THORIUM
7		2910	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – LIMITED QUANTITY OF MATERIAL
7		2911	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – INSTRUMENTS or ARTICLES
7		2912	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I) non fissile or fissile-excepted
7		2913	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I, SCO-II or SCO-III) non fissile or fissile-excepted
7		2915	RADIOACTIVE MATERIAL, TYPE A PACKAGE, non-special form, non fissile or fissile-excepted
7		2916	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE non fissile or fissile-excepted
7		2917	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE non fissile or fissile-excepted
7		2919	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT non fissile or fissile-excepted
7		3321	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), non fissile or fissile-excepted
7		3322	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), non fissile or fissile-excepted
7		3323	RADIOACTIVE MATERIAL, TYPE C PACKAGE non fissile or fissile-excepted
7		3324	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), FISSILE
7		3325	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), FISSILE
7		3326	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), FISSILE
7		3327	RADIOACTIVE MATERIAL, TYPE A PACKAGE, FISSILE non-special form
7		3328	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, FISSILE
7		3329	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, FISSILE
7		3330	RADIOACTIVE MATERIAL, TYPE C PACKAGE, FISSILE
7		3331	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, FISSILE
7		3332	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM non fissile or fissile-excepted
7		3333	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, FISSILE

Appendix A – List of generic and N.O.S. proper shipping names

Class or division	Subsidiary hazard	UN No.	Proper shipping name
CLASS 8			
Specific entries			
8		1719	CAUSTIC ALKALI LIQUID, N.O.S.
8		1740	HYDROGENDIFLUORIDES, SOLID, N.O.S.
8		1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
8		2430	ALKYLPHENOLS, SOLID, N.O.S. (including C ₂ –C ₁₂ homologues)
8		2693	BISULPHITES, AQUEOUS SOLUTION, N.O.S.
8		2735	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.
8		2801	DYE, LIQUID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.
8		2837	BISULPHATES, AQUEOUS SOLUTION
8		2987	CHLOROSILANES, CORROSIVE, N.O.S.
8		3145	ALKYLPHENOLS, LIQUID, N.O.S. (including C ₂ –C ₁₂ homologues)
8		3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.
8		3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.
8	3	2734	AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.
8	3	2986	CHLOROSILANES, CORROSIVE, FLAMMABLE, N.O.S.
8	6.1	3471	HYDROGENDIFLUORIDES SOLUTION, N.O.S.
General entries			
8		1759	CORROSIVE SOLID, N.O.S.
8		1760	CORROSIVE LIQUID, N.O.S.
8		3244	SOLIDS CONTAINING CORROSIVE LIQUID, N.O.S.
8		3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
8		3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.
8		3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
8		3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.
8		3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
8		3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
8		3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
8		3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
8	See 2.0.6.6	3547	ARTICLES CONTAINING CORROSIVE SUBSTANCE, N.O.S.
8	3	2920	CORROSIVE LIQUID, FLAMMABLE, N.O.S.
8	4.1	2921	CORROSIVE SOLID, FLAMMABLE, N.O.S.
8	4.2	3095	CORROSIVE SOLID, SELF-HEATING, N.O.S.
8	4.2	3301	CORROSIVE LIQUID, SELF-HEATING, N.O.S.
8	4.3	3094	CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.
8	4.3	3096	CORROSIVE SOLID, WATER-REACTIVE, N.O.S.
8	5.1	3084	CORROSIVE SOLID, OXIDIZING, N.O.S.
8	5.1	3093	CORROSIVE LIQUID, OXIDIZING, N.O.S.
8	6.1	2922	CORROSIVE LIQUID, TOXIC, N.O.S.
8	6.1	2923	CORROSIVE SOLID, TOXIC, N.O.S.

Appendices

Class or division	Subsidiary hazard	UN No.	Proper shipping name
			CLASS 9
			General entries
9		3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
9		3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
9		3245	GENETICALLY MODIFIED MICROORGANISMS or GENETICALLY MODIFIED ORGANISMS
9		3257	ELEVATED TEMPERATURE LIQUID, N.O.S. at or above 100°C and below its flashpoint (including molten metals, molten salts, etc.)
9		3258	ELEVATED TEMPERATURE SOLID, N.O.S., at or above 240°C
see SP960		3334	AVIATION REGULATED LIQUID, N.O.S.
see SP960		3335	AVIATION REGULATED SOLID, N.O.S.
9	See 2.0.6.6	3548	ARTICLES CONTAINING MISCELLANEOUS DANGEROUS GOODS, N.O.S.



Appendix B

Glossary of terms

Note: The provisions of this appendix are not mandatory.

Caution: The explanations in this glossary are for information only and are not to be used for purposes of hazard classification.

Ammunition

Generic term related mainly to articles of military application consisting of all kind of bombs, grenades, rockets, mines, projectiles and other similar devices or contrivances.

AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge

Ammunition designed to produce a single source of intense light for lighting up an area. The term includes illuminating cartridges, grenades and projectiles; and illuminating and target identification bombs. The term excludes the following articles which are listed separately: CARTRIDGES, SIGNAL; SIGNAL DEVICES, HAND; SIGNALS, DISTRESS; FLARES, AERIAL and FLARES, SURFACE.

AMMUNITION, INCENDIARY

Ammunition containing incendiary substances which may be a solid, liquid or gel including white phosphorus. Except when the composition is an explosive *per se*, it also contains one or more of the following: a propelling charge with primer and igniter charge; a fuze with burster or expelling charge. The term includes:

AMMUNITION, INCENDIARY, liquid or gel, with burster, expelling charge or propelling charge;

AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge;

AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge.

AMMUNITION, PRACTICE

Ammunition without a main bursting charge, containing a burster or expelling charge. Normally it also contains a fuze and a propelling charge. The term excludes the following articles which are listed separately: GRENADES, PRACTICE.

AMMUNITION, PROOF

Ammunition containing pyrotechnic substances, used to test the performance or strength of new ammunition, weapon component or assemblies.

AMMUNITION, SMOKE

Ammunition containing a smoke-producing substance such as chlorosulphonic acid mixture, titanium tetrachloride or white phosphorus; or smoke-producing pyrotechnic composition based on hexachloroethane or red phosphorus. Except when the substance is an explosive *per se*, the ammunition also contains one or more of the following: a propelling charge with primer and igniter charge; a fuze with burster or expelling charge. The term includes grenades, smoke but excludes SIGNALS, SMOKE which are listed separately. The term includes:

AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge;

AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge.

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AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	Ammunition containing tear-producing substance. It also contains one or more of the following: a pyrotechnic substance; a propelling charge with primer and igniter charge; a fuze with burster or expelling charge.
AMMUNITION, TOXIC with burster, expelling charge or propelling charge	Ammunition containing toxic agent. It also contains one or more of the following: a pyrotechnic substance; a propelling charge with primer and igniter charge; a fuze with burster or expelling charge.
ARTICLES, EXPLOSIVE, EXTREMELY INSENSITIVE (ARTICLES, EEI)	Articles that predominantly contain extremely insensitive substances and which demonstrate a negligible probability of accidental initiation or propagation (under normal conditions of transport) and which have passed test series 7.
ARTICLES, PYROPHORIC	Articles which contain a pyrophoric substance (capable of spontaneous ignition when exposed to air) and an explosive substance or component. The term excludes articles containing white phosphorus.
ARTICLES, PYROTECHNIC for technical purposes	Articles which contain pyrotechnic substances and are used for technical purposes such as heat generation, gas generation, theatrical effects, etc. The term excludes the following articles which are listed separately: all ammunition; CARTRIDGES, SIGNAL; CUTTERS, CABLE, EXPLOSIVE; FIREWORKS; FLARES, AERIAL; FLARES, SURFACE; RELEASE DEVICES, EXPLOSIVE; RIVETS, EXPLOSIVE; SIGNAL DEVICES, HAND; SIGNALS, DISTRESS; SIGNALS, RAILWAY TRACK, EXPLOSIVE; SIGNALS, SMOKE.
Auxiliary explosive component, isolated	An "isolated auxiliary explosive component" is a small device that explosively performs an operation related to the article's functioning, other than its main explosive load's performance. Functioning of the component does not cause any reaction of the main explosive loads contained within the article.
BLACK POWDER (GUNPOWDER)	Substance consisting of an intimate mixture of charcoal or other carbon and either potassium nitrate or sodium nitrate, with or without sulphur. It may be meal, granular, compressed or pelletized.
Bombs	Explosive articles which are dropped from aircraft. They may contain a flammable liquid with bursting charge, a photo-flash composition or a bursting charge. The term excludes torpedoes (aerial) and includes: BOMBS, PHOTO-FLASH; BOMBS with bursting charge; BOMBS WITH FLAMMABLE LIQUID with bursting charge.
BOOSTERS	Articles consisting of a charge of detonating explosive with or without means of initiation. They are used to increase the initiating power of detonators or detonating cord.
BURSTERS, explosive	Articles consisting of a small charge of explosive used to open projectiles or other ammunition in order to disperse their contents.
Cartridges, blank	Articles which consist of a cartridge case with a centre or rim fire primer and a confined charge of smokeless or black powder but no projectile. Used for training, saluting or in starter pistols, tools, etc.
CARTRIDGES, FLASH	Articles consisting of a casing, a primer and flash powder, all assembled in one piece ready for firing.

Cartridges for Weapons	.1 Fixed (assembled) or semi-fixed (partially-assembled) ammunition designed to be fired from weapons. Each cartridge includes all the components necessary to function the weapon once. The proper shipping name shall be used for small arms cartridges that cannot be described as "cartridges, small arms". Separate loading ammunition is included under this proper shipping name when the propelling charge and projectile are packed together (see also "Cartridges, blank").
	.2 Incendiary, smoke, toxic and tear-producing cartridges are described in this Glossary under AMMUNITION, INCENDIARY etc.
CARTRIDGES FOR WEAPONS, INERT PROJECTILE	Ammunition consisting of a projectile without bursting charge but with a propelling charge. The presence of a tracer can be disregarded for classification purposes provided that the predominant hazard is that of the propelling charge.
CARTRIDGES, OIL WELL	Articles consisting of a casing of thin fibre, metal or other material containing only propellant which projects a hardened projectile. The term excludes the following articles which are listed separately: CHARGES, SHAPED.
CARTRIDGES, POWER DEVICE	Articles designed to accomplish mechanical actions. They consist of a casing with a charge of deflagrating explosive and a means of ignition. The gaseous products of the deflagration produce inflation, or linear or rotary motion, or activate diaphragms, valves or switches or project fastening devices or extinguishing agents.
CARTRIDGES, SIGNAL	Articles designed to fire coloured flares or other signals from signal pistols, etc.
CARTRIDGES, SMALL ARMS	Ammunition consisting of a cartridge case fitted with a centre or rim fire primer and containing both a propelling charge and a solid projectile. They are designed to be fired in weapons of calibre not larger than 19.1 mm. Shotgun cartridges of any calibre are included in this description. The term excludes: CARTRIDGES, SMALL ARMS, BLANK listed separately in the Dangerous Goods List; and some small arms cartridges which are listed under CARTRIDGES FOR WEAPONS, INERT PROJECTILE.
CASES, CARTRIDGE, EMPTY, WITH PRIMER	Articles consisting of a cartridge case made from metal, plastics or other non-flammable material, in which the only explosive component is the primer.
CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	Articles consisting of cartridge cases made partly or entirely from nitrocellulose.
Charges, bursting	Articles consisting of a charge of detonating explosive such as hexolite, octolite or plastics bonded explosive designed to produce effect by blast or fragmentation.
CHARGES, DEMOLITION	Articles containing a charge of a detonating explosive in a casing of fibreboard, plastics, metal or other material. The term excludes the following articles which are listed separately: bombs, mines, etc.
CHARGES, DEPTH	Articles consisting of a charge of detonating explosive contained in a drum or projectile. They are designed to detonate under water.
Charges, expelling	A charge of deflagrating explosive designed to eject the payload from the parent articles without damage.

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CHARGES, EXPLOSIVE, COMMERCIAL without detonator	Articles consisting of a charge of detonating explosive without means of initiation, used for explosive welding, jointing, forming and other metallurgical processes.
CHARGES, PROPELLING	Articles consisting of a propellant charge in any physical form, with or without a casing, for use as a component of rocket motors or for reducing the drag of projectiles.
CHARGES, PROPELLING FOR CANNON	Articles consisting of a propellant charge in any physical form, with or without a casing, for use in a cannon.
CHARGES, SHAPED, without detonator	Articles consisting of a casing containing a charge of detonating explosive with a cavity lined with rigid material, without means of initiation. They are designed to produce a powerful, penetrating jet effect.
CHARGES, SHAPED, FLEXIBLE, LINEAR	Articles consisting of a V-shaped core of a detonating explosive clad by a flexible metal sheath.
CHARGES, SUPPLEMENTARY, EXPLOSIVE	Articles consisting of a small removable booster used in the cavity of a projectile between the fuze and the bursting charge.
COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	Articles containing an explosive designed to transmit the detonation or deflagration within an explosive train.
CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	Articles whose functioning depends upon physico-chemical reaction of their contents with water.
CORD, DETONATING, flexible	Article consisting of a core of detonating explosive enclosed in spun fabric, with plastics or other covering unless the spun fabric is sift-proof.
CORD (FUSE), DETONATING, metal clad	Article consisting of a core of detonating explosive clad by a soft metal tube with or without protective covering. When the core contains a sufficiently small quantity of explosive, the words "MILD EFFECT" are added.
CORD, IGNITER	Article consisting of textile yarns covered with black powder or another fast-burning pyrotechnic composition and of a flexible protective covering; or it consists of a core of black powder surrounded by a flexible woven fabric. It burns progressively along its length with an external flame and is used to transmit ignition from a device to a charge or primer.
CUTTERS, CABLE, EXPLOSIVE	Articles consisting of a knife-edged device which is driven by a small charge of deflagrating explosive into an anvil.
DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	Non-electric detonators assembled with and activated by such means as safety fuse, shock tube, flash tube or detonating cord. They may be of instantaneous design or incorporate delay elements. Detonating relays incorporating detonating cord are included. Other detonating relays are included in "Detonators, non-electric".
Detonators	Articles consisting of a small metal or plastics tube containing explosives such as lead azide, PETN or combinations of explosives. They are designed to start a detonation train. They may be constructed to detonate instantaneously, or may contain a delay element. The term includes: DETONATORS FOR AMMUNITION and DETONATORS for blasting, ELECTRIC, NON-ELECTRIC, and ELECTRONIC programmable. Detonating relays without flexible detonating cord are included.

DETONATORS, ELECTRONIC programmable for blasting	Detonators with enhanced safety and security features, utilizing electronic components to transmit a firing signal with validated commands and secure communications. Detonators of this type cannot be initiated by other means.
Entire load and total contents	The phrases “entire load” and “total contents” mean such a substantial proportion that the practical hazard shall be assessed by assuming simultaneous explosion of the whole of the explosive content of the load or package.
Explode	The verb used to indicate those explosive effects capable of endangering life and property through blast, heat and projection of missiles. It encompasses both deflagration and detonation.
Explosion of the total contents	The phrase “explosion of the total contents” is used in testing a single article or package or a small stack of articles or packages.
Explosive, blasting	Detonating explosive substances used in mining, construction and similar tasks. Blasting explosives are assigned to one of five types. In addition to the ingredients listed, blasting explosives may also contain inert components such as kieselguhr, and minor ingredients such as colouring agents and stabilizers.
EXPLOSIVE, BLASTING, TYPE A	Substances consisting of liquid organic nitrates such as nitroglycerin or a mixture of such ingredients with one or more of the following: nitrocellulose; ammonium nitrate or other inorganic nitrates; aromatic nitro-derivatives, or combustible materials, such as wood-meal and aluminium powder. Such explosives shall be in powdery, gelatinous or elastic form. The term includes dynamite gelatine, blasting and gelatine dynamites.
EXPLOSIVE, BLASTING, TYPE B	Substances consisting of (a) a mixture of ammonium nitrate or other inorganic nitrates with an explosive such as trinitrotoluene, with or without other substances such as wood-meal and aluminium powder, or (b) a mixture of ammonium nitrate or other inorganic nitrates with other combustible substances which are not explosive ingredients. Such explosives shall not contain nitroglycerin, similar liquid organic nitrates, or chlorates.
EXPLOSIVE, BLASTING, TYPE C	Substances consisting of a mixture of either potassium or sodium chlorate or potassium, sodium or ammonium perchlorate with organic nitro-derivatives or combustible materials such as wood-meal or aluminium powder or a hydrocarbon. Such explosives shall not contain nitroglycerin or similar liquid organic nitrates.
EXPLOSIVE, BLASTING, TYPE D	Substances consisting of a mixture of organic nitrated compounds and combustible materials such as hydrocarbons and aluminium powder. Such explosives shall not contain nitroglycerin, similar liquid organic nitrates, chlorates or ammonium nitrate. The term generally includes plastic explosives.
EXPLOSIVE, BLASTING, TYPE E	Substances consisting of water as an essential ingredient and high proportions of ammonium nitrate or other oxidizers, some or all of which are in solution. The other constituents may include nitro-derivatives such as trinitrotoluene, hydrocarbons or aluminium powder. The term includes explosives, emulsion; explosives slurry and explosives, water gel.

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Explosive, deflagrating	A substance, e.g. propellant, which reacts by deflagration rather than detonation when ignited and used in its normal manner.
Explosive, detonating	A substance which reacts by detonation rather than deflagration when initiated and used in its normal manner.
Explosive, extremely insensitive substance (EIS)	A substance which has demonstrated through tests that it is so insensitive that there is very little probability of accidental initiation.
Explosive, primary	Explosive substance manufactured with a view to producing a practical effect by explosion which is very sensitive to heat, impact or friction and which, even in very small quantities, either detonates or burns very rapidly. It is able to transmit detonation (in the case of initiating explosive) or deflagration to secondary explosives close to it. The main primary explosives are mercury fulminate, lead azide and lead styphnate.
Explosive, secondary	Explosive substance which is relatively insensitive (when compared to primary explosives), which is usually initiated by primary explosives with or without the aid of boosters or supplementary charges. Such an explosive may react as a deflagrating or as a detonating explosive.
FIREWORKS	Pyrotechnic articles designed for entertainment.
Flares	Articles containing pyrotechnic substances which are designed for use to illuminate, identify, signal or warn. The term includes: FLARES, AERIAL; FLARES, SURFACE.
FLASH POWDER	Pyrotechnic substance which, when ignited, produces an intense light.
FRACTURING DEVICES, EXPLOSIVE for oil wells, without detonator	Articles consisting of a charge of detonating explosive contained in a casing without means of initiation. They are used to fracture the rock around a drill shaft to assist the flow of crude oil from the rock.
Fuse/Fuze	Although these two words have a common origin (French fusée, fusil) and are sometimes considered to be different spellings, it is useful to maintain the convention that fuse refers to a cord-like igniting device whereas fuze refers to a device used in ammunition which incorporates mechanical, electrical, chemical or hydrostatic components to initiate a train by deflagration or detonation.
FUSE, IGNITER, tubular, metal clad	Article consisting of a metal tube with a core of deflagrating explosive.
FUSE, INSTANTANEOUS, NON-DETONATING (QUICKMATCH)	Article consisting of cotton yarns impregnated with fine black powder (Quickmatch). It burns with an external flame and is used in ignition trains for fireworks, etc.
FUSE, SAFETY	Article consisting of a core of fine-grained black powder surrounded by a flexible woven fabric with one or more protective outer coverings. When ignited, it burns at a predetermined rate without any external explosive effect.
Fuzes	Articles designed to start a detonation or a deflagration in ammunition. They incorporate mechanical, electrical, chemical or hydrostatic components and generally protective features. The term includes: FUZES, DETONATING; FUZES, DETONATING with protective features; FUZES, IGNITING.

GRENADES, hand or rifle	Articles which are designed to be thrown by hand or to be projected by a rifle. The term includes: GRENADES, hand or rifle, with bursting charge; GRENADES, PRACTICE, hand or rifle. The term excludes grenades, smoke which are listed under AMMUNITION, SMOKE.
IGNITERS	Articles containing one or more explosive substances used to start deflagration in an explosive train. They may be actuated chemically, electrically or mechanically. This term excludes the following articles which are listed separately: CORD, IGNITER; FUSE, IGNITER; FUSE, NON-DETONATING; FUZES, IGNITING; LIGHTERS, FUSE; PRIMERS, CAP TYPE; PRIMERS, TUBULAR.
Ignition, means of	A general term used in connection with the method employed to ignite a deflagrating train of explosive or pyrotechnic substances (for example: a primer for a propelling charge; an igniter for a rocket motor; an igniting fuze).
Initiation, means of	.1 A device intended to cause the detonation of an explosive (for example: detonator; detonator for ammunition; detonating fuze). .2 The term “with its own means of initiation” means that the contrivance has its normal initiating device assembled to it and this device is considered to present a significant risk during transport but not one great enough to be unacceptable. The term does not apply, however, to a contrivance packed together with its means of initiation provided the device is packaged so as to eliminate the risk of causing detonation of the contrivance in the event of accidental functioning of the initiating device. The means of initiating can even be assembled to the contrivance provided there are protective features such that the device is very unlikely to cause detonation of the contrivance in conditions which are associated with transport. .3 For the purposes of classification any means of initiation without two effective protective features shall be regarded as compatibility group B; an article with its own means of initiation, without two effective protective features, would be compatibility group F. On the other hand a means of initiation which itself possesses two effective protective features would be compatibility group D; and an article with a means of initiation which possesses two effective protective features would be compatibility group D or E. Means of initiation adjudged as having two effective protective features shall have been approved by the competent national authority. A common and effective way of achieving the necessary degree of protection is to use a means of initiation which incorporates two or more independent safety features.
JET PERFORATING GUNS, CHARGED, oil well, without detonator	Articles consisting of a steel tube or metallic strip, into which are inserted shaped charges connected by detonating cord, without means of initiation.
LIGHTERS, FUSE	Articles of various design actuated by friction, percussion or electricity and used to ignite safety fuse.
Mass explosion	Explosion which affects almost the entire load virtually instantaneously.

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MINES	Articles consisting normally of metal or composition receptacles and a bursting charge. They are designed to be operated by the passage of ships, vehicles or personnel. The term includes "Bangalore torpedoes".
OXYGEN GENERATORS, CHEMICAL	Oxygen generators, chemical, are devices containing chemicals which upon activation release oxygen as a product of chemical reaction. Chemical oxygen generators are used for the generation of oxygen for respiratory support, e.g. in aircraft, submarines, spacecraft, bomb shelters and breathing apparatus. Oxidizing salts such as chlorates and perchlorates of lithium, sodium and potassium, which are used in chemical oxygen generators, evolve oxygen when heated. These salts are mixed (compounded) with a fuel, usually iron powder, to form a chlorate candle, which produces oxygen by continuous reaction. The fuel is used to generate heat by oxidation. Once the reaction begins, oxygen is released from the hot salt by thermal decomposition (a thermal shield is used around the generator). A portion of the oxygen reacts with the fuel to produce more heat which produces more oxygen, and so on. Initiation of the reaction can be achieved by a percussion device, friction device or electric wire.
POWDER CAKE (POWDER PASTE), WETTED	Substance consisting of nitrocellulose impregnated with not more than 60% of nitroglycerin or other liquid organic nitrates or a mixture of these.
POWDER, SMOKELESS	Substance based on nitrocellulose used as propellant. The term includes propellants with a single base (nitrocellulose (NC) alone), those with a double base (such as NC and nitroglycerin (NG)) and those with a triple base (such as NC/NG/nitroguanidine). Cast, pressed or bag-charges of smokeless powder are listed under "CHARGES, PROPELLING" or "CHARGES, PROPELLING FOR CANNON".
PRIMERS, CAP TYPE	Articles consisting of a metal or plastics cap containing a small amount of primary explosive mixture that is readily ignited by impact. They serve as igniting elements in small arms cartridges, and in percussion primers for propelling charges.
PRIMERS, TUBULAR	Articles consisting of a primer for ignition and an auxiliary charge of deflagrating explosive such as black powder used to ignite the propelling charge in a cartridge case for cannon, etc.
PROJECTILES	Articles such as a shell or bullet which are projected from a cannon or other artillery gun, rifle or other small arm. They may be inert, with or without tracer, or may contain a burster or expelling charge or a bursting charge. The term includes: - PROJECTILES, inert, with tracer; - PROJECTILES with burster or expelling charge; - PROJECTILES with bursting charge.
PROPELLANTS	Deflagrating explosive used for propulsion or for reducing the drag of projectiles.
PROPELLANTS, LIQUID	Substances consisting of a deflagrating liquid explosive, used for propulsion.
PROPELLANTS, SOLID	Substances consisting of a deflagrating solid explosive, used for propulsion.

RELEASE DEVICES, EXPLOSIVE	Articles consisting of a small charge of explosive with means of initiation. They sever rods or links to release equipment quickly.
ROCKET MOTORS	Articles consisting of a solid, liquid or hypergolic fuel contained in a cylinder fitted with one or more nozzles. They are designed to propel a rocket or a guided missile. The term includes: ROCKET MOTORS; ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge; ROCKET MOTORS, LIQUID FUELLED.
ROCKETS	Articles consisting of a rocket motor and a payload which may be an explosive warhead or other device. The term includes guided missiles and: ROCKETS, LINE-THROWING; ROCKETS, LIQUID FUELLED with bursting charge; ROCKETS with bursting charge; ROCKETS with expelling charge; ROCKETS with inert head.
SAFETY DEVICES, electrically initiated	Articles which contain pyrotechnic substances or dangerous goods of other classes and are used in vehicles, vessels or aircraft to enhance safety to persons. Examples are air bag inflators, air bag modules, seat-belt pretensioners and pyromechanical devices. These pyromechanical devices are assembled components for tasks such as but not limited to separation, locking, or release-and-drive or occupant restraint. The term includes "SAFETY DEVICES, PYROTECHNIC".
SIGNALS	Articles containing pyrotechnic substances designed to produce signals by means of sound, flame or smoke or any combinations thereof. The term includes: SIGNAL DEVICES, HAND; SIGNALS, DISTRESS, ship; SIGNALS, RAILWAY TRACK, EXPLOSIVE; SIGNALS, SMOKE.
SOUNDING DEVICES, EXPLOSIVE	Articles consisting of a charge of detonating explosive. They are dropped from ships and function when they reach a predetermined depth or the sea bed.
STABILIZED	Stabilized means that the substance is in a condition that precludes uncontrolled reaction. This may be achieved by methods such as the addition of an inhibiting chemical, degassing the substance to remove dissolved oxygen and inerting the air space in the package, or maintaining the substance under temperature control.
SUBSTANCES, EXPLOSIVE, VERY INSENSITIVE (SUBSTANCES, EVI), N.O.S.	Substances which present a mass explosion hazard but which are so insensitive that there is very little probability of initiation, or of transition from burning to detonation (under normal conditions of transport) and which have passed test series 5.

Appendices

TORPEDOES

Articles containing an explosive or non-explosive propulsion system and designed to be propelled through water. They may contain an inert head or a warhead. The term includes:

TORPEDOES, LIQUID FUELLED with inert head;

TORPEDOES, LIQUID FUELLED with or without bursting charge;

TORPEDOES with bursting charge.

TRACERS FOR AMMUNITION

Sealed articles containing pyrotechnic substances, designed to reveal the trajectory of a projectile.

Warheads

Articles consisting of detonating explosives. They are designed to be fitted to a rocket, guided missile or torpedo. They may contain a burster or expelling charge or bursting charge. The term includes:

WARHEADS, ROCKET with burster or expelling charge;

WARHEADS, ROCKET with bursting charge;

WARHEADS, TORPEDO with bursting charge.





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In this index, the word “see”, after the name in the substance, material or article column, means that it is a synonym and for details regarding the transport provisions reference shall be made to the entry in the Dangerous Goods List (chapter 3.2) which is relevant to the UN number/proper shipping name stated against the synonym.

Method of indexing

Substances, materials and articles have been listed in the alphabetical order of their names. For the purpose of determining the alphabetical order, numbers and roman numerals (I), (II) etc. and the prefixes listed below have been disregarded, although they form an integral part of the name:

<i>N-</i>	<i>sym-</i>
<i>n- or normal-</i>	<i>uns-</i>
<i>sec- or secondary-</i>	<i>cis-</i>
<i>tert- or tertiary-</i>	<i>trans-</i>
<i>o- or ortho-</i>	<i>d-</i>
<i>m- or meta-</i>	<i>α- or alpha-</i>
<i>p- or para-</i>	<i>β- or beta-</i>
	<i>γ- or gamma-</i>

Note 1

Certain marine pollutants are identified only in the index. These marine pollutants have not been assigned to an N.O.S. or generic entry. These marine pollutants may possess properties of classes 1 to 8 and should be classified accordingly. A substance which does not fall within the criteria of these classes should be offered for transport as an ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., UN 3077, or as an ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., UN 3082, under these entries in class 9.



Substance, material or article	MP	Class	UN No.
ACETAL	–	3	1088
ACETALDEHYDE	–	3	1089
ACETALDEHYDE AMMONIA	–	9	1841
Acetaldehyde diethyl acetal, <i>see</i>	–	3	1088
ACETALDEHYDE OXIME	–	3	2332
Acetaldol, <i>see</i>	–	6.1	2839
<i>beta</i> -Acetaldoxime, <i>see</i>	–	3	2332
ACETIC ACID, GLACIAL	–	8	2789
ACETIC ACID SOLUTION, more than 10% and less than 50% acid, by mass	–	8	2790
ACETIC ACID SOLUTION, not less than 50% but no more than 80% acid, by mass	–	8	2790
ACETIC ACID SOLUTION, more than 80% acid, by mass	–	8	2789
Acetic aldehyde, <i>see</i>	–	3	1089
ACETIC ANHYDRIDE	–	8	1715
Acetic oxide, <i>see</i>	–	8	1715
Acetoin, <i>see</i>	–	3	2621
ACETONE	–	3	1090
ACETONE CYANOHYDRIN, STABILIZED	P	6.1	1541
Acetone hexafluoride, <i>see</i>	–	2.3	2420
ACETONE OILS	–	3	1091
Acetone–pyrogallol copolymer 2-diazo-1-naphthol-5-sulphonate, <i>see</i>	–	4.1	3228
ACETONITRILE	–	3	1648
3-Acetoxypropene, <i>see</i>	–	3	2333
Acetylacetone, <i>see</i>	–	3	2310
Acetyl acetone peroxide (concentration ≤ 32%, as a paste), <i>see</i>	–	5.2	3106
Acetyl acetone peroxide (concentration ≤ 42%, with diluent Type A, and water, available oxygen ≤ 4.7%), <i>see</i>	–	5.2	3105
ACETYL BROMIDE	–	8	1716
ACETYL CHLORIDE	–	3	1717
Acetyl cyclohexanesulphonyl peroxide (concentration ≤ 32%, with diluent Type B), <i>see</i>	–	5.2	3115
Acetyl cyclohexanesulphonyl peroxide (concentration ≤ 82%, with water), <i>see</i>	–	5.2	3112
Acetylene dichloride, <i>see</i>	–	3	1150
ACETYLENE, DISSOLVED	–	2.1	1001
Acetylene, ethylene and propylene mixtures, refrigerated liquid, <i>see</i>	–	2.1	3138
ACETYLENE, SOLVENT FREE	–	2.1	3374
Acetylene tetrabromide, <i>see</i>	P	6.1	2504
Acetylene tetrachloride, <i>see</i>	P	6.1	1702
ACETYL IODIDE	–	8	1898
Acetyl ketene, stabilized, <i>see</i>	–	6.1	2521
ACETYL METHYL CARBINOL	–	3	2621
Acid butyl phosphate, <i>see</i>	–	8	1718
Acid mixture, hydrofluoric and sulphuric, <i>see</i>	–	8	1786

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Substance, material or article	MP	Class	UN No.
Acid mixture, nitrating acid, <i>see</i>	–	8	1796
Acid mixture, spent, nitrating acid, <i>see</i>	–	8	1826
Acraldehyde, stabilized, <i>see</i>	P	6.1	1092
ACRIDINE	–	6.1	2713
Acroleic acid, stabilized, <i>see</i>	P	8	2218
Acrolein diethyl acetal, <i>see</i>	–	3	2374
ACROLEIN DIMER, STABILIZED	–	3	2607
ACROLEIN, STABILIZED	P	6.1	1092
ACRYLAMIDE, SOLID	–	6.1	2074
ACRYLAMIDE SOLUTION	–	6.1	3426
Acrylic acid isobutyl ester, stabilized, <i>see</i>	–	3	2527
ACRYLIC ACID, STABILIZED	P	8	2218
Acrylic aldehyde, stabilized, <i>see</i>	P	6.1	1092
ACRYLONITRILE, STABILIZED	–	3	1093
Actinolite, <i>see</i>	–	9	2212
Activated carbon, <i>see</i>	–	4.2	1362
Activated charcoal, <i>see</i>	–	4.2	1362
ADHESIVES containing flammable liquid	–	3	1133
ADIPONITRILE	–	6.1	2205
ADSORBED GAS, FLAMMABLE, N.O.S.	–	2.1	3510
ADSORBED GAS, N.O.S.	–	2.2	3511
ADSORBED GAS, OXIDIZING, N.O.S.	–	2.2	3513
ADSORBED GAS, TOXIC, CORROSIVE, N.O.S.	–	2.3	3516
ADSORBED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	–	2.3	3517
ADSORBED GAS, TOXIC, FLAMMABLE, N.O.S.	–	2.3	3514
ADSORBED GAS, TOXIC, N.O.S.	–	2.3	3512
ADSORBED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	–	2.3	3518
ADSORBED GAS, TOXIC, OXIDIZING, N.O.S.	–	2.3	3515
Aeroplane flares, <i>see</i> FLARES, AERIAL	–	–	–
AEROSOLS	–	2	1950
AGENT, BLASTING, TYPE B	–	1.5D	0331
AGENT, BLASTING, TYPE E	–	1.5D	0332
Air bag inflators, <i>see</i>	–	1.4G	0503
Air bag inflators, <i>see</i>	–	9	3268
Air bag modules, <i>see</i>	–	1.4G	0503
Air bag modules, <i>see</i>	–	9	3268
AIR, COMPRESSED	–	2.2	1002
AIRCRAFT HYDRAULIC POWER UNIT FUEL TANK (containing a mixture of anhydrous hydrazine and methylhydrazine)	–	3	3165
AIR, REFRIGERATED LIQUID	–	2.2	1003
ALCOHOLATES SOLUTION, N.O.S. in alcohol	–	3	3274
Alcohol C ₁₂ –C ₁₆ poly(1–6)ethoxylate, <i>see</i>	P	9	3082
Alcohol C ₆ –C ₁₇ (secondary) poly(3–6)ethoxylate, <i>see</i>	P	9	3082

Substance, material or article	MP	Class	UN No.
ALCOHOLIC BEVERAGES, with more than 24% but not more than 70% alcohol by volume	–	3	3065
ALCOHOLIC BEVERAGES, with more than 70% alcohol by volume	–	3	3065
ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	–	3	1986
ALCOHOLS, N.O.S.	–	3	1987
ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.	–	3	1988
ALDEHYDES, N.O.S.	–	3	1989
Aldicarb, <i>see</i> CARBAMATE PESTICIDE	P	–	–
ALDOL	–	6.1	2839
Aldrin, <i>see</i> ORGANOCHLORINE PESTICIDE	P	–	–
ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.	–	4.2	3206
ALKALI METAL ALLOY, LIQUID, N.O.S.	–	4.3	1421
ALKALI METAL AMALGAM, LIQUID	–	4.3	1389
ALKALI METAL AMALGAM, SOLID	–	4.3	3401
ALKALI METAL AMIDES	–	4.3	1390
ALKALI METAL DISPERSION	–	4.3	1391
ALKALI METAL DISPERSION, FLAMMABLE	–	4.3	3482
Alkaline caustic liquid, N.O.S., <i>see</i>	–	8	1719
ALKALINE EARTH METAL ALCOHOLATES, N.O.S.	–	4.2	3205
ALKALINE EARTH METAL ALLOY, N.O.S.	–	4.3	1393
ALKALINE EARTH METAL AMALGAM, LIQUID	–	4.3	1392
ALKALINE EARTH METAL AMALGAM, SOLID	–	4.3	3402
ALKALINE EARTH METAL DISPERSION	–	4.3	1391
ALKALINE EARTH METAL DISPERSION, FLAMMABLE	–	4.3	3482
ALKALOIDS, LIQUID, N.O.S.	–	6.1	3140
ALKALOIDS SALTS, LIQUID, N.O.S.	–	6.1	3140
ALKALOIDS SALTS, SOLID, N.O.S.	–	6.1	1544
ALKALOIDS, SOLID, N.O.S.	–	6.1	1544
Alkyl benzenesulphonates, branched and straight-chain (excluding C ₁₁ –C ₁₃ branched and straight-chain homologues), <i>see</i>	P	9	3082
Alkyl(C ₁₂ –C ₁₄)dimethylamine, <i>see</i> Note 1	P	–	–
Alkyl (C ₇ –C ₉) nitrates, <i>see</i> Note 1	P	–	–
ALKYLPHENOLS, LIQUID, N.O.S. (including C ₂ –C ₁₂ homologues)	–	8	3145
ALKYLPHENOLS, SOLID, N.O.S. (including C ₂ –C ₁₂ homologues)	–	8	2430
ALKYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid	–	8	2584
ALKYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid	–	8	2586
ALKYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid	–	8	2583
ALKYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid	–	8	2585
ALKYLSULPHURIC ACIDS	–	8	2571
Allene, stabilized, <i>see</i>	–	2.1	2200
ALLYL ACETATE	–	3	2333

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Substance, material or article	MP	Class	UN No.
ALLYL ALCOHOL	P	6.1	1098
ALLYLAMINE	–	6.1	2334
ALLYL BROMIDE	P	3	1099
ALLYL CHLORIDE	–	3	1100
Allyl chlorocarbonate, <i>see</i>	–	6.1	1722
ALLYL CHLOROFORMATE	–	6.1	1722
ALLYL ETHYL ETHER	–	3	2335
ALLYL FORMATE	–	3	2336
ALLYL GLYCIDYL ETHER	–	3	2219
ALLYL IODIDE	–	3	1723
ALLYL ISOTHIOCYANATE, STABILIZED	–	6.1	1545
Allyl mustard oil, stabilized, <i>see</i>	–	6.1	1545
ALLYLTRICHLOROSILANE, STABILIZED	–	8	1724
Aluminium alkyls, <i>see</i>	–	4.2	3394
Aluminium alkyl halides, liquid, <i>see</i>	–	4.2	3394
Aluminium alkyl halides, solid, <i>see</i>	–	4.2	3393
Aluminium alkyl hydrides, <i>see</i>	–	4.2	3394
ALUMINIUM BOROHYDRIDE	–	4.2	2870
ALUMINIUM BOROHYDRIDE IN DEVICES	–	4.2	2870
ALUMINIUM BROMIDE, ANHYDROUS	–	8	1725
ALUMINIUM BROMIDE SOLUTION	–	8	2580
ALUMINIUM CARBIDE	–	4.3	1394
ALUMINIUM CHLORIDE, ANHYDROUS	–	8	1726
ALUMINIUM CHLORIDE SOLUTION	–	8	2581
Aluminium dross, <i>see</i>	–	4.3	3170
ALUMINIUM FERROSILICON POWDER	–	4.3	1395
ALUMINIUM HYDRIDE	–	4.3	2463
ALUMINIUM NITRATE	–	5.1	1438
ALUMINIUM PHOSPHIDE	–	4.3	1397
ALUMINIUM PHOSPHIDE PESTICIDE	–	6.1	3048
ALUMINIUM POWDER, COATED	–	4.1	1309
Aluminium powder, pyrophoric, <i>see</i>	–	4.2	1383
ALUMINIUM POWDER, UNCOATED	–	4.3	1396
ALUMINIUM REMELTING BY-PRODUCTS	–	4.3	3170
Aluminium residues, <i>see</i>	–	4.3	3170
ALUMINIUM RESINATE	–	4.1	2715
ALUMINIUM SILICON POWDER, UNCOATED	–	4.3	1398
Aluminium skimmings, <i>see</i>	–	4.3	3170
ALUMINIUM SMELTING BY-PRODUCTS	–	4.3	3170
Amatols, <i>see</i> EXPLOSIVE, BLASTING, TYPE B	–	–	–
AMINES, FLAMMABLE, CORROSIVE, N.O.S.	–	3	2733
AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	–	8	2734
AMINES, LIQUID, CORROSIVE, N.O.S.	–	8	2735

Substance, material or article	MP	Class	UN No.
AMINES, SOLID, CORROSIVE, N.O.S.	–	8	3259
1-Amino-3-aminomethyl-3,5,5-trimethylcyclohexane, see	–	8	2289
<i>ortho</i> -Aminoanisole, see	–	6.1	2431
Aminobenzene, see	P	6.1	1547
2-Aminobenzotrifluoride, see	–	6.1	2942
3-Aminobenzotrifluoride, see	–	6.1	2948
1-Aminobutane, see	–	3	1125
Aminocarb, see CARBAMATE PESTICIDE	P	–	–
2-AMINO-4-CHLOROPHENOL	–	6.1	2673
Aminocyclohexane, see	–	8	2357
2-AMINO-5-DIETHYLAMINOPENTANE	–	6.1	2946
Aminodimethylbenzenes, liquid, see	–	6.1	1711
Aminodimethylbenzenes, solid, see	–	6.1	3452
2-AMINO-4,6-DINITROPHENOL, WETTED with not less than 20% water by mass	–	4.1	3317
Aminoethane, see	–	2.1	1036
Aminoethane, aqueous solution, see	–	3	2270
1-Aminoethanol, see	–	9	1841
2-Aminoethanol, see	–	8	2491
2-(2-AMINOETHOXY)ETHANOL	–	8	3055
N-AMINOETHYLPIPERAZINE	–	8	2815
Aminomethane, anhydrous, see	–	2.1	1061
Aminomethane, aqueous solution, see	–	3	1235
1-Amino-2-methylpropane, see	–	3	1214
3-Aminomethyl-3,5,5-trimethylcyclohexylamine, see	–	8	2289
1-Amino-2-nitrobenzene, see	–	6.1	1661
1-Amino-3-nitrobenzene, see	–	6.1	1661
1-Amino-4-nitrobenzene, see	–	6.1	1661
Aminophenetoles, see	–	6.1	2311
AMINOPHENOLS (<i>o</i> -, <i>m</i> -, <i>p</i> -)	–	6.1	2512
1-Aminopropane, see	–	3	1277
2-Aminopropane, see	–	3	1221
3-Aminopropene, see	–	6.1	2334
AMINOPYRIDINES (<i>o</i> -, <i>m</i> -, <i>p</i> -)	–	6.1	2671
Aminosulphonic acid, see	–	8	2967
AMMONIA, ANHYDROUS	P	2.3	1005
AMMONIA SOLUTION, relative density between 0.880 and 0.957 at 15°C in water, with more than 10% but not more than 35% ammonia, by mass	P	8	2672
AMMONIA SOLUTION, relative density less than 0.880 at 15°C in water, with more than 35% but not more than 50% ammonia	P	2.2	2073
AMMONIA SOLUTION, relative density less than 0.880 at 15°C in water, with more than 50% ammonia	P	2.3	3318
Ammonium acid fluoride, solid, see	–	8	1727
Ammonium acid fluoride solution, see	–	8	2817

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Substance, material or article	MP	Class	UN No.
AMMONIUM ARSENATE	–	6.1	1546
Ammonium bichromate, see	–	5.1	1439
Ammonium bifluoride, solid, see	–	8	1727
Ammonium bifluoride solution, see	–	8	2817
Ammonium bisulphate, see	–	8	2506
Ammonium bisulphite solution, see	–	8	2693
Ammonium bromate (transport prohibited)	–	–	–
Ammonium bromate solution (transport prohibited)	–	–	–
Ammonium chlorate (transport prohibited)	–	–	–
Ammonium chlorate solution (transport prohibited)	–	–	–
Ammonium chlorite (transport prohibited)	–	–	–
AMMONIUM DICHROMATE	–	5.1	1439
AMMONIUM DINITRO- <i>o</i> -CRESOLATE, SOLID	P	6.1	1843
AMMONIUM DINITRO- <i>o</i> -CRESOLATE SOLUTION	P	6.1	3424
AMMONIUM FLUORIDE	–	6.1	2505
AMMONIUM FLUOROSILICATE	–	6.1	2854
Ammonium hexafluorosilicate, see	–	6.1	2854
AMMONIUM HYDROGENDIFLUORIDE, SOLID	–	8	1727
AMMONIUM HYDROGENDIFLUORIDE SOLUTION	–	8	2817
AMMONIUM HYDROGEN SULPHATE	–	8	2506
Ammonium hypochlorite (transport prohibited)	–	–	–
AMMONIUM METAVANADATE	–	6.1	2859
AMMONIUM NITRATE BASED FERTILIZER	–	5.1	2067
AMMONIUM NITRATE BASED FERTILIZER	–	9	2071
AMMONIUM NITRATE EMULSION, intermediate for blasting explosives	–	5.1	3375
AMMONIUM NITRATE GEL, intermediate for blasting explosives	–	5.1	3375
AMMONIUM NITRATE liable to self-heating sufficient to initiate decomposition (transport prohibited)	–	–	–
AMMONIUM NITRATE, LIQUID (hot concentrated solution)	–	5.1	2426
AMMONIUM NITRATE SUSPENSION, intermediate for blasting explosives	–	5.1	3375
AMMONIUM NITRATE	–	1.1D	0222
AMMONIUM NITRATE with not more than 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	–	5.1	1942
Ammonium nitrite (transport prohibited)	–	–	–
AMMONIUM PERCHLORATE	–	1.1D	0402
AMMONIUM PERCHLORATE	–	5.1	1442
Ammonium permanganate (transport prohibited)	–	–	–
Ammonium permanganate solution (transport prohibited)	–	–	–
AMMONIUM PERSULPHATE	–	5.1	1444
AMMONIUM PICRATE dry or wetted with less than 10% water, by mass	–	1.1D	0004
AMMONIUM PICRATE, WETTED with not less than 10% water, by mass	–	4.1	1310

Substance, material or article	MP	Class	UN No.
AMMONIUM POLYSULPHIDE SOLUTION	–	8	2818
AMMONIUM POLYVANADATE	–	6.1	2861
Ammonium silicofluoride, <i>see</i>	–	6.1	2854
AMMONIUM SULPHIDE SOLUTION	–	8	2683
Ammonium vanadate, <i>see</i>	–	6.1	2859
Ammunition, blank, <i>see</i> CARTRIDGES FOR WEAPONS, BLANK	–	–	–
Ammunition, fixed, semi-fixed or separate loading, <i>see</i> CARTRIDGES FOR WEAPONS, with bursting charge	–	–	–
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AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	–	1.3G	0254
AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	–	1.4G	0297
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AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	–	1.2H	0243
AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	–	1.3H	0244
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AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	–	1.3G	0010
AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	–	1.4G	0300
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AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	–	1.3H	0246
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AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	–	1.3G	0016
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AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	–	1.3G	0019
AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	–	1.4G	0301
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AMMUNITION, TOXIC with burster, expelling charge or propelling charge	–	1.3K	0021
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AMYL MERCAPTAN	–	3	1111
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<i>tert</i> -Amyl peroxy-2-ethylhexyl carbonate (concentration ≤ 100%), see	–	5.2	3105
<i>tert</i> -Amyl peroxy-3,5,5-trimethylhexanoate (concentration ≤ 100%), see	–	5.2	3105
<i>tert</i> -Amyl peroxyacetate (concentration ≤ 62%, with diluent Type A), see	–	5.2	3105
<i>tert</i> -Amyl peroxybenzoate (concentration ≤ 100%), see	–	5.2	3103
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Substance, material or article	MP	Class	UN No.
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2,2'-Azodi(2,4-dimethylvaleronitrile) (concentration 100%), see	–	4.1	3236
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BORON TRIFLUORIDE DIHYDRATE	–	8	2851
BORON TRIFLUORIDE DIMETHYL ETHERATE	–	4.3	2965
BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, LIQUID	–	8	1743
BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, SOLID	–	8	3420
Brodifacoum, see COUMARIN DERIVATIVE PESTICIDE	P	–	–
BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	–	5.1	3213
BROMATES, INORGANIC, N.O.S.	–	5.1	1450
BROMINE	–	8	1744
BROMINE CHLORIDE	–	2.3	2901
Bromine cyanide, see	P	6.1	1889

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	Substance, material or article	MP	Class	UN No.
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	BROMINE SOLUTION	–	8	1744
	BROMINE TRIFLUORIDE	–	5.1	1746
	BROMOACETIC ACID, SOLID	–	8	3425
	BROMOACETIC ACID SOLUTION	–	8	1938
	BROMOACETONE	P	6.1	1569
	<i>omega</i> -Bromoacetone, <i>see</i>	–	6.1	2645
	BROMOACETYL BROMIDE	–	8	2513
	Bromoallylene, <i>see</i>	P	3	1099
	BROMOBENZENE	P	3	2514
	BROMOBENZYL CYANIDES, LIQUID	–	6.1	1694
	BROMOBENZYL CYANIDES, SOLID	–	6.1	3449
	1-BROMOBUTANE	–	3	1126
	2-BROMOBUTANE	–	3	2339
	Bromochlorodifluoromethane, <i>see</i>	–	2.2	1974
	BROMOCHLOROMETHANE	–	6.1	1887
	1-BROMO-3-CHLOROPROPANE	–	6.1	2688
	Bromocyane, <i>see</i>	P	6.1	1889
	Bromodiphenylmethane, <i>see</i>	–	8	1770
	1-Bromo-2,3-epoxypropane, <i>see</i>	P	6.1	2558
△	Bromoethane, <i>see</i>	–	3	1891
	2-BROMOETHYL ETHYL ETHER	–	3	2340
	BROMOFORM	P	6.1	2515
	Bromomethane, <i>see</i>	–	2.3	1062
	1-BROMO-3-METHYLBUTANE	–	3	2341
	BROMOMETHYLPROPANES	–	3	2342
	Bromonitrobenzenes, liquid, <i>see</i>	–	6.1	2732
	Bromonitrobenzenes, solid, <i>see</i>	–	6.1	3459
	2-BROMO-2-NITROPROPANE-1,3-DIOL	–	4.1	3241
	2-BROMOPENTANE	–	3	2343
	Bromophos-ethyl, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
	BROMOPROPANES	–	3	2344
	3-Bromopropene, <i>see</i>	P	3	1099
	3-BROMOPROPYNE	–	3	2345
	3-Bromo-1-propyne, <i>see</i>	–	3	2345
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	BROMOTRIFLUOROETHYLENE	–	2.1	2419
	BROMOTRIFLUOROMETHANE	–	2.2	1009
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	But-1-yne, stabilized, <i>see</i>	–	2.1	2452

Substance, material or article	MP	Class	UN No.
BUTADIENES AND HYDROCARBON MIXTURE, STABILIZED containing more than 40% butadienes, stabilized	–	2.1	1010
BUTADIENES, STABILIZED	–	2.1	1010
Butanal, see	–	3	1129
Butanal oxime, see	–	3	2840
BUTANE	–	2.1	1011
BUTANEDIONE	–	3	2346
Butane-1-thiol, see	–	3	2347
Butanoic acid, see	–	8	2820
Butanoic anhydride, see	–	8	2739
Butan-2-ol, see	–	3	1120
1-Butanol, see	–	3	1120
Butanol, secondary, see	–	3	1120
Butanol, tertiary, see	–	3	1120
3-Butanolal, see	–	6.1	2839
BUTANOLS	–	3	1120
2-Butanone, see	–	3	1193
Butanoyl chloride, see	–	3	2353
2-Butenal, stabilized, see	P	6.1	1143
Butene, see	–	2.1	1012
But-1-ene-3-one, stabilized, see	–	6.1	1251
1,2-Butene oxide, stabilized, see	–	3	3022
2-Butenoic acid, liquid, see	–	8	3472
2-Butenoic acid, solid, see	–	8	2823
2-Buten-1-ol, see	–	3	2614
Butocarbaxim, see CARBAMATE PESTICIDE	–	–	–
BUTYL ACETATES	–	3	1123
Butyl acetate, secondary, see	–	3	1123
BUTYL ACID PHOSPHATE	–	8	1718
BUTYL ACRYLATES, STABILIZED	–	3	2348
Butyl alcohols, see	–	3	1120
Butyl aldehyde, see	–	3	1129
<i>n</i> -BUTYLAMINE	–	3	1125
<i>N</i> -BUTYLANILINE	–	6.1	2738
BUTYLBENZENES	P	3	2709
Butyl benzyl phthalate, see	P	9	3082
<i>n</i> -Butyl bromide, see	–	3	1126
<i>secondary</i> -Butyl bromide, see	–	3	2339
<i>tertiary</i> -Butyl bromide, see	–	3	2342
Butyl butyrate, see	–	3	3272
<i>n</i> -Butyl chloride, see	–	3	1127
<i>secondary</i> -Butyl chloride, see	–	3	1127
<i>tertiary</i> -Butyl chloride, see	–	3	1127

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	Substance, material or article	MP	Class	UN No.
	<i>n</i> -BUTYL CHLOROFORMATE	–	6.1	2743
	<i>tert</i> -Butyl cumyl peroxide (concentration > 42–100%), <i>see</i>	–	5.2	3109
	<i>tert</i> -Butyl cumyl peroxide (concentration ≤ 52%, with inert solid), <i>see</i>	–	5.2	3108
	<i>tert</i> -BUTYLCYCLOHEXYL CHLOROFORMATE	–	6.1	2747
	<i>N</i> ² - <i>tert</i> -Butyl- <i>N</i> ⁴ -cyclopropyl-6-methylthio-1,3,5-triazine-2,4-diamine, <i>see</i>	P	9	3077
	<i>n</i> -Butyl 4,4-di-(<i>tert</i> -butylperoxy)valerate (concentration ≤ 52%, with inert solid), <i>see</i>	–	5.2	3108
	<i>n</i> -Butyl 4,4-di-(<i>tert</i> -butylperoxy)valerate (concentration > 52–100%), <i>see</i>	–	5.2	3103
	BUTYLENE	–	2.1	1012
■	1-butylene, <i>see</i>	–	2.1	1012
■	<i>cis</i> -2-butylene, <i>see</i>	–	2.1	1012
■	<i>trans</i> -2-butylene, <i>see</i>	–	2.1	1012
	1,2-BUTYLENE OXIDE, STABILIZED	–	3	3022
	Butyl ethers, <i>see</i>	–	3	1149
	Butyl ethyl ether, <i>see</i>	–	3	1179
	<i>n</i> -BUTYL FORMATE	–	3	1128
	<i>tert</i> -Butyl hydroperoxide (concentration ≤ 72%, with water), <i>see</i>	–	5.2	3109
	<i>tert</i> -Butyl hydroperoxide (concentration ≤ 79%, with water), <i>see</i>	–	5.2	3107
	<i>tert</i> -Butyl hydroperoxide (concentration > 79–90%, with water), <i>see</i>	–	5.2	3103
	<i>tert</i> -Butyl hydroperoxide (concentration ≤ 80%, with diluent Type A), <i>see</i>	–	5.2	3105
	<i>tert</i> -Butyl hydroperoxide (concentration < 82%) + di- <i>tert</i> -butyl peroxide (concentration > 9%), with water, <i>see</i>	–	5.2	3103
	<i>tert</i> -BUTYL HYPOCHLORITE	–	4.2	3255
	<i>N,n</i> -BUTYLIMIDAZOLE	–	6.1	2690
	<i>N,n</i> -Butyliminazole, <i>see</i>	–	6.1	2690
	<i>secondary</i> -Butyl iodide, <i>see</i>	–	3	2390
	<i>tertiary</i> -Butyl iodide, <i>see</i>	–	3	2391
	<i>tert</i> -BUTYL ISOCYANATE	–	6.1	2484
	<i>n</i> -BUTYL ISOCYANATE	–	6.1	2485
	BUTYL MERCAPTAN	–	3	2347
	<i>n</i> -BUTYL METHACRYLATE, STABILIZED	–	3	2227
	Butyl 2-methylacrylate, stabilized, <i>see</i>	–	3	2227
	BUTYL METHYL ETHER	–	3	2350
	<i>tert</i> -Butyl monoperoxymaleate (concentration ≤ 52%, as a paste), <i>see</i>	–	5.2	3108
	<i>tert</i> -Butyl monoperoxymaleate (concentration ≤ 52%, with diluent Type A), <i>see</i>	–	5.2	3103
	<i>tert</i> -Butyl monoperoxymaleate (concentration ≤ 52%, with inert solid), <i>see</i>	–	5.2	3108
	<i>tert</i> -Butyl monoperoxymaleate (concentration > 52–100%), <i>see</i>	–	5.2	3102
	BUTYL NITRITES	–	3	2351
	<i>tert</i> -Butyl peroxyacetate (concentration ≤ 32%, with diluent Type B), <i>see</i>	–	5.2	3109

Substance, material or article	MP	Class	UN No.
<i>tert</i> -Butyl peroxyacetate (concentration > 32–52%, with diluent Type A), see	–	5.2	3103
<i>tert</i> -Butyl peroxyacetate (concentration > 52–77%, with diluent Type A), see	–	5.2	3101
<i>tert</i> -Butyl peroxybenzoate (concentration ≤ 52%, with inert solid), see	–	5.2	3106
<i>tert</i> -Butyl peroxybenzoate (concentration > 52–77%, with diluent Type A), see	–	5.2	3105
<i>tert</i> -Butyl peroxybenzoate (concentration > 77–100%, with diluent Type A), see	–	5.2	3103
<i>tert</i> -Butyl peroxybutyl fumarate (concentration ≤ 52%, with diluent Type A), see	–	5.2	3105
<i>tert</i> -Butyl peroxycrotonate (concentration ≤ 77%, with diluent Type A), see	–	5.2	3105
<i>tert</i> -Butyl peroxydiethylacetate (concentration ≤ 100%), see	–	5.2	3113
<i>tert</i> -Butyl peroxy-2-ethylhexanoate (concentration ≤ 12%) + 2,2-di-(<i>tert</i> -butylperoxy)butane (concentration ≤ 14%), with diluent Type A and inert solid, see	–	5.2	3106
<i>tert</i> -Butyl peroxy-2-ethylhexanoate (concentration ≤ 31%) + 2,2-di-(<i>tert</i> -butylperoxy)butane (concentration ≤ 36%), with diluent Type B, see	–	5.2	3115
<i>tert</i> -Butyl peroxy-2-ethylhexanoate (concentration ≤ 32%, with diluent Type B), see	–	5.2	3119
<i>tert</i> -Butyl peroxy-2-ethylhexanoate (concentration > 32–52%, with diluent Type B), see	–	5.2	3117
<i>tert</i> -Butyl peroxy-2-ethylhexanoate (concentration ≤ 52%, with inert solid), see	–	5.2	3118
<i>tert</i> -Butyl peroxy-2-ethylhexanoate (concentration > 52–100%), see	–	5.2	3113
<i>tert</i> -Butyl peroxy-2-ethylhexylcarbonate (concentration ≤ 100%), see	–	5.2	3105
<i>tert</i> -Butyl peroxyisobutyrate (concentration ≤ 52%, with diluent Type B), see	–	5.2	3115
<i>tert</i> -Butyl peroxyisobutyrate (concentration > 52–77%, with diluent Type B), see	–	5.2	3111
<i>tert</i> -Butyl peroxy isopropyl carbonate (concentration ≤ 77%, with diluent Type A), see	–	5.2	3103
1-(2- <i>tert</i> -Butylperoxyisopropyl)-3-isopropenylbenzene (concentration ≤ 42%, with inert solid), see	–	5.2	3108
1-(2- <i>tert</i> -Butylperoxy isopropyl)-3-isopropenylbenzene (concentration ≤ 77%, with diluent Type A), see	–	5.2	3105
<i>tert</i> -Butyl peroxy-2-methylbenzoate (concentration ≤ 100%), see	–	5.2	3103
<i>tert</i> -Butyl peroxyneodecanoate (concentration ≤ 32%, with diluent Type A), see	–	5.2	3119
<i>tert</i> -Butyl peroxyneodecanoate (concentration ≤ 42%, as a stable dispersion in water (frozen)), see	–	5.2	3118
<i>tert</i> -Butyl peroxyneodecanoate (concentration ≤ 52%, as a stable dispersion in water), see	–	5.2	3119
<i>tert</i> -Butyl peroxyneodecanoate (concentration ≤ 77%, with diluent Type B), see	–	5.2	3115
<i>tert</i> -Butyl peroxyneodecanoate (concentration > 77–100%), see	–	5.2	3115

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Substance, material or article	MP	Class	UN No.
<i>tert</i> -Butyl peroxyneohexanoate (concentration $\leq$ 42%, as a stable dispersion in water), see	–	5.2	3117
<i>tert</i> -Butyl peroxyneohexanoate (concentration $\leq$ 77%, with diluent Type A), see	–	5.2	3115
<i>tert</i> -Butyl peroxyneohexanoate, not more than 42% in diluent Type A	–	5.2	3119
<i>tert</i> -Butyl peroxyneohexanoate (concentration $\leq$ 27%, with diluent Type B), see	–	5.2	3119
<i>tert</i> -Butyl peroxyneohexanoate (concentration $>$ 27–67%, with diluent Type B), see	–	5.2	3115
<i>tert</i> -Butyl peroxyneohexanoate (concentration $>$ 67–77%, with diluent Type A), see	–	5.2	3113
<i>tert</i> -Butyl peroxyneohexanoate (concentration $\leq$ 100%), see	–	5.2	3106
<i>tert</i> -Butyl peroxy-3,5,5-trimethylhexanoate (concentration $\leq$ 37%, with diluent Type B), see	–	5.2	3109
<i>tert</i> -Butyl peroxy-3,5,5-trimethylhexanoate (concentration $>$ 37–100%), see	–	5.2	3105
<i>tert</i> -Butyl peroxy-3,5,5-trimethylhexanoate (concentration $\leq$ 42%, with inert solid), see	–	5.2	3106
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Butylphenols, solid, N.O.S., see	–	8	2430
Butylphosphoric acid, see	–	8	1718
BUTYL PROPIONATES	–	3	1914
Butyl thioalcohols, see	–	3	2347
BUTYL TOLUENES	–	6.1	2667
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5- <i>tert</i> -BUTYL-2,4,6-TRINITRO- <i>m</i> -XYLENE	–	4.1	2956
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2-Butyne, see	–	3	1144
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BUTYRALDOXIME	–	3	2840
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Cadmium sulphide, see	P	6.1	2570

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Caesium amalgams, liquid, see	–	4.3	1389
Caesium amalgams, solid, see	–	4.3	3401
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CAESIUM NITRATE	–	5.1	1451
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CALCIUM CARBIDE	–	4.3	1402
CALCIUM CHLORATE	–	5.1	1452
CALCIUM CHLORATE, AQUEOUS SOLUTION	–	5.1	2429
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CALCIUM CYANIDE	P	6.1	1575
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CALCIUM HYDRIDE	–	4.3	1404
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CALCIUM HYPOCHLORITE, DRY with more than 39% available chlorine (8.8% available oxygen)	P	5.1	1748
CALCIUM HYPOCHLORITE, DRY, CORROSIVE with more than 39% available chlorine (8.8% available oxygen)	P	5.1	3485
CALCIUM HYPOCHLORITE, HYDRATED with not less than 5.5% but not more than 16% water	P	5.1	2880
CALCIUM HYPOCHLORITE, HYDRATED MIXTURE, CORROSIVE with not less than 5.5% but not more than 16% water	P	5.1	3487
CALCIUM HYPOCHLORITE, HYDRATED, CORROSIVE with not less than 5.5% but not more than 16% water	P	5.1	3487
CALCIUM HYPOCHLORITE, HYDRATED MIXTURE with not less than 5.5% but not more than 16% water	P	5.1	2880
CALCIUM HYPOCHLORITE MIXTURE, DRY, CORROSIVE with more than 10% but not more than 39% available chlorine	P	5.1	3486

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Substance, material or article	MP	Class	UN No.
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CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 10% but not more than 39% available chlorine	P	5.1	2208
CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	P	5.1	1748
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CALCIUM NITRATE	—	5.1	1454
CALCIUM OXIDE	—	8	1910
CALCIUM PERCHLORATE	—	5.1	1455
CALCIUM PERMANGANATE	—	5.1	1456
CALCIUM PEROXIDE	—	5.1	1457
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2-Camphanol, see	—	4.1	1312
2-Camphanone, see	—	4.1	2717
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CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	—	6.1	2991
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CARBON DIOXIDE, SOLID	–	9	1845
CARBON DISULPHIDE	–	3	1131
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Carbonic anhydride, refrigerated liquid, <i>see</i>	–	2.2	2187
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Carbon oxysulphide, <i>see</i>	–	2.3	2204
Carbon paper, <i>see</i>	–	4.2	1379
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CARBON TETRACHLORIDE	P	6.1	1846
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CARTRIDGES FOR WEAPONS, BLANK	–	1.1C	0326
CARTRIDGES FOR WEAPONS, BLANK	–	1.2C	0413
CARTRIDGES FOR WEAPONS, BLANK	–	1.3C	0327
CARTRIDGES FOR WEAPONS, BLANK	–	1.4C	0338
CARTRIDGES FOR WEAPONS, BLANK	–	1.4S	0014
CARTRIDGES FOR WEAPONS, INERT PROJECTILE	–	1.2C	0328
CARTRIDGES FOR WEAPONS, INERT PROJECTILE	–	1.3C	0417
CARTRIDGES FOR WEAPONS, INERT PROJECTILE	–	1.4C	0339

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CARTRIDGES FOR WEAPONS with bursting charge	–	1.1E	0006
CARTRIDGES FOR WEAPONS with bursting charge	–	1.1F	0005
CARTRIDGES FOR WEAPONS with bursting charge	–	1.2E	0321
CARTRIDGES FOR WEAPONS with bursting charge	–	1.2F	0007
CARTRIDGES FOR WEAPONS with bursting charge	–	1.4E	0412
CARTRIDGES FOR WEAPONS with bursting charge	–	1.4F	0348
Cartridges, illuminating, see AMMUNITION, ILLUMINATING	–	–	–
CARTRIDGES, OIL WELL	–	1.3C	0277
CARTRIDGES, OIL WELL	–	1.4C	0278
CARTRIDGES, POWER DEVICE	–	1.2C	0381
CARTRIDGES, POWER DEVICE	–	1.3C	0275
CARTRIDGES, POWER DEVICE	–	1.4C	0276
CARTRIDGES, POWER DEVICE	–	1.4S	0323
CARTRIDGES, SIGNAL	–	1.3G	0054
CARTRIDGES, SIGNAL	–	1.4G	0312
CARTRIDGES, SIGNAL	–	1.4S	0405
CARTRIDGES, SMALL ARMS	–	1.3C	0417
CARTRIDGES, SMALL ARMS	–	1.4C	0339
CARTRIDGES, SMALL ARMS	–	1.4S	0012
CARTRIDGES, SMALL ARMS, BLANK	–	1.3C	0327
CARTRIDGES, SMALL ARMS, BLANK	–	1.4C	0338
CARTRIDGES, SMALL ARMS, BLANK	–	1.4S	0014
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CASES, CARTRIDGE, EMPTY, WITH PRIMER	–	1.4C	0379
CASES, CARTRIDGE, EMPTY, WITH PRIMER	–	1.4S	0055
CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	–	1.3C	0447
CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	–	1.4C	0446
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CASTOR FLAKE	–	9	2969
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CERIUM, slabs	–	4.1	1333
CERIUM, turnings	–	4.3	3078
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Charcoal, non-activated, see	–	4.2	1361
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CHARGES, BURSTING, PLASTICS BONDED	–	1.2D	0458
CHARGES, BURSTING, PLASTICS BONDED	–	1.4D	0459
CHARGES, BURSTING, PLASTICS BONDED	–	1.4S	0460
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CHARGES, DEPTH	–	1.1D	0056
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CHARGES, EXPLOSIVE, COMMERCIAL without detonator	–	1.2D	0443
CHARGES, EXPLOSIVE, COMMERCIAL without detonator	–	1.4D	0444
CHARGES, EXPLOSIVE, COMMERCIAL without detonator	–	1.4S	0445
CHARGES, PROPELLING	–	1.1C	0271
CHARGES, PROPELLING	–	1.2C	0415
CHARGES, PROPELLING	–	1.3C	0272
CHARGES, PROPELLING	–	1.4C	0491
CHARGES, PROPELLING, FOR CANNON	–	1.1C	0279
CHARGES, PROPELLING, FOR CANNON	–	1.2C	0414
CHARGES, PROPELLING, FOR CANNON	–	1.3C	0242
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CHARGES, SHAPED, FLEXIBLE, LINEAR	–	1.4D	0237
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CHARGES, SHAPED, without detonator	–	1.2D	0439
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CHEMICAL UNDER PRESSURE, FLAMMABLE, CORROSIVE, N.O.S.	–	2.1	3505
CHEMICAL UNDER PRESSURE, FLAMMABLE, TOXIC, N.O.S.	–	2.1	3504
CHEMICAL UNDER PRESSURE, TOXIC, N.O.S.	–	2.2	3502
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CHLORAL, ANHYDROUS, STABILIZED	–	6.1	2075
CHLORATE AND BORATE MIXTURE	–	5.1	1458
CHLORATE AND MAGNESIUM CHLORIDE MIXTURE, SOLID	–	5.1	1459
CHLORATE AND MAGNESIUM CHLORIDE MIXTURE SOLUTION	–	5.1	3407
CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	–	5.1	3210
CHLORATES, INORGANIC, N.O.S.	–	5.1	1461
Chlordane, see ORGANOCHLORINE PESTICIDE	P	–	–
Chlordimeform, see ORGANOCHLORINE PESTICIDE	–	–	–
Chlordimeform hydrochloride, see ORGANOCHLORINE PESTICIDE	–	–	–
Chlorfenvinphos, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
CHLORIC ACID, AQUEOUS SOLUTION with a concentration exceeding 10% (transport prohibited)	–	–	–
CHLORIC ACID, AQUEOUS SOLUTION with not more than 10% chloric acid	–	5.1	2626
Chlorinated paraffins (C ₁₀ –C ₁₃), see	P	9	3082
Chlorinated paraffins (C ₁₄ –C ₁₇) with more than 1% shorter chain length, see	P	9	3082
CHLORINE	P	2.3	1017
CHLORINE, ADSORBED	–	2.3	3520
Chlorine bromide, see	–	2.3	2901
Chlorine cyanide, stabilized, see	P	2.3	1589
CHLORINE PENTAFLUORIDE	–	2.3	2548
CHLORINE TRIFLUORIDE	–	2.3	1749
CHLORITES, INORGANIC, N.O.S.	–	5.1	1462
CHLORITE SOLUTION	–	8	1908
Chlormephos, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
Chloroacetaldehyde, see	–	6.1	2232
CHLOROACETIC ACID, MOLTEN	–	6.1	3250
CHLOROACETIC ACID, SOLID	–	6.1	1751
CHLOROACETIC ACID SOLUTION	–	6.1	1750
CHLOROACETONE, STABILIZED	P	6.1	1695
CHLOROACETONITRILE	–	6.1	2668
CHLOROACETOPHENONE, LIQUID	–	6.1	3416
CHLOROACETOPHENONE, SOLID	–	6.1	1697
CHLOROACETYL CHLORIDE	–	6.1	1752
<i>para</i> -Chloro- <i>ortho</i> -aminophenol, see	–	6.1	2673
2-Chloroaniline, see	–	6.1	2019

Substance, material or article	MP	Class	UN No.
3-Chloroaniline, <i>see</i>	–	6.1	2019
4-Chloroaniline, <i>see</i>	–	6.1	2018
<i>meta</i> -Chloroaniline, <i>see</i>	–	6.1	2019
<i>ortho</i> -Chloroaniline, <i>see</i>	–	6.1	2019
<i>para</i> -Chloroaniline, <i>see</i>	–	6.1	2018
CHLOROANILINES, LIQUID	–	6.1	2019
CHLOROANILINES, SOLID	–	6.1	2018
CHLOROANISIDINES	–	6.1	2233
CHLOROBENZENE	–	3	1134
CHLOROBENZOTRIFLUORIDES	–	3	2234
CHLOROBENZYL CHLORIDES, LIQUID	P	6.1	2235
CHLOROBENZYL CHLORIDES, SOLID	P	6.1	3427
1-Chloro-3-bromopropane, <i>see</i>	–	6.1	2688
2-Chlorobutadiene-1,3, stabilized, <i>see</i>	–	3	1991
1-Chlorobutane, <i>see</i>	–	3	1127
2-Chlorobutane, <i>see</i>	–	3	1127
CHLOROBUTANES	–	3	1127
Chlorocarbonates, toxic, corrosive, flammable, n.o.s., <i>see</i>	–	6.1	2742
Chlorocarbonates, toxic, corrosive, n.o.s., <i>see</i>	–	6.1	3277
CHLOROCRESOLS, SOLID	–	6.1	3437
CHLOROCRESOLS SOLUTION	–	6.1	2669
3-Chloro-4-diethylaminobenzenediazonium zinc chloride (concentration 100%), <i>see</i>	–	4.1	3226
CHLORODIFLUOROBROMOMETHANE	–	2.2	1974
1-CHLORO-1,1-DIFLUOROETHANE	–	2.1	2517
CHLORODIFLUOROMETHANE	–	2.2	1018
CHLORODIFLUOROMETHANE AND CHLOROPENTAFLUOROETHANE MIXTURE with fixed boiling point, with approximately 49% chlorodifluoromethane	–	2.2	1973
3-Chloro-1,2-dihydroxypropane, <i>see</i>	–	6.1	2689
Chlorodimethyl ether, <i>see</i>	–	6.1	1239
CHLORODINITROBENZENES, LIQUID	P	6.1	1577
CHLORODINITROBENZENES, SOLID	P	6.1	3441
2-CHLOROETHANAL	–	6.1	2232
Chloroethane, <i>see</i>	–	2.1	1037
Chloroethane nitrile, <i>see</i>	–	6.1	2668
2-Chloroethanol, <i>see</i>	–	6.1	1135
2-Chloroethyl alcohol, <i>see</i>	–	6.1	1135
CHLOROFORM	–	6.1	1888
CHLOROFORMATES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.	–	6.1	2742
CHLOROFORMATES, TOXIC, CORROSIVE, N.O.S.	–	6.1	3277
Chloromethane, <i>see</i>	–	2.1	1063
1-Chloro-3-methylbutane, <i>see</i>	–	3	1107
2-Chloro-2-methylbutane, <i>see</i>	–	3	1107

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CHLOROMETHYL CHLOROFORMATE	–	6.1	2745
Chloromethyl cyanide, see	–	6.1	2668
CHLOROMETHYL ETHYL ETHER	–	3	2354
Chloromethyl methyl ether, see	–	6.1	1239
Chloromethylphenols, solution, see	–	6.1	2669
Chloromethylphenols, solid, see	–	6.1	3437
3-CHLORO-4-METHYLPHENYL ISOCYANATE, LIQUID	–	6.1	2236
3-CHLORO-4-METHYLPHENYL ISOCYANATE, SOLID	–	6.1	3428
Chloromethylpropanes, see	–	3	1127
3-Chloro-2-methylprop-1-ene, see	–	3	2554
CHLORONITROANILINES	P	6.1	2237
CHLORONITROBENZENES, LIQUID	–	6.1	3409
CHLORONITROBENZENES, SOLID	–	6.1	1578
2-Chloro-6-nitrotoluene, see Note 1	P	–	–
CHLORONITROTOLUENES, LIQUID	P	6.1	2433
CHLORONITROTOLUENES, SOLID	P	6.1	3457
1-Chlorooctane, see	P	9	3082
CHLOROPENTAFLUOROETHANE	–	2.2	1020
Chloropentanes, see	–	3	1107
3-Chloroperoxybenzoic acid (concentration ≤ 57%, with inert solid and water), see	–	5.2	3106
3-Chloroperoxybenzoic acid (concentration > 57–86%, with inert solid), see	–	5.2	3102
3-Chloroperoxybenzoic acid (concentration ≤ 77% with inert solid and water), see	–	5.2	3106
Chlorophacinone, see ORGANOCHLORINE PESTICIDE	–	–	–
CHLOROPHENOLATES, LIQUID	–	8	2904
CHLOROPHENOLATES, SOLID	–	8	2905
CHLOROPHENOLS, LIQUID	–	6.1	2021
CHLOROPHENOLS, SOLID	–	6.1	2020
CHLOROPHENYLTRICHLOROSILANE	P	8	1753
CHLOROPICRIN	P	6.1	1580
CHLOROPICRIN AND METHYL BROMIDE MIXTURE with more than 2% chloropicrin	–	2.3	1581
CHLOROPICRIN AND METHYL CHLORIDE MIXTURE	–	2.3	1582
CHLOROPICRIN MIXTURE, N.O.S.	–	6.1	1583
CHLOROPLATINIC ACID, SOLID	–	8	2507
CHLOROPRENE, STABILIZED	–	3	1991
1-CHLOROPROPANE	–	3	1278
2-CHLOROPROPANE	–	3	2356
3-Chloropropanediol-1,2, see	–	6.1	2689
1-Chloro-2-propanol, see	–	6.1	2611
3-CHLOROPROPANOL-1	–	6.1	2849
2-CHLOROPROPENE	–	3	2456

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3-Chloropropene, <i>see</i>	–	3	1100
3-Chloroprop-1-ene, <i>see</i>	–	3	1100
2-CHLOROPROPIONIC ACID	–	8	2511
<i>alpha</i> -Chloropropionic acid, <i>see</i>	–	8	2511
2-Chloropropylene, <i>see</i>	–	3	2456
<i>alpha</i> -Chloropropylene, <i>see</i>	–	3	1100
2-CHLOROPYRIDINE	–	6.1	2822
CHLOROSILANES, CORROSIVE, FLAMMABLE, N.O.S.	–	8	2986
CHLOROSILANES, CORROSIVE, N.O.S.	–	8	2987
CHLOROSILANES, FLAMMABLE, CORROSIVE, N.O.S.	–	3	2985
CHLOROSILANES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.	–	6.1	3362
CHLOROSILANES, TOXIC, CORROSIVE, N.O.S.	–	6.1	3361
CHLOROSILANES, WATER-REACTIVE, FLAMMABLE, CORROSIVE, N.O.S.	–	4.3	2988
CHLOROSULPHONIC ACID (with or without sulphur trioxide)	–	8	1754
Chlorosulphuric acid, <i>see</i>	–	6.1	1834
1-CHLORO-1,2,2,2-TETRAFLUOROETHANE	–	2.2	1021
<i>meta</i> -Chlorotoluene, <i>see</i>	–	3	2238
<i>ortho</i> -Chlorotoluene, <i>see</i>	P	3	2238
<i>para</i> -Chlorotoluene, <i>see</i>	–	3	2238
CHLOROTOLUENES	–	3	2238
4-CHLORO- <i>o</i> -TOLUIDINE HYDROCHLORIDE, SOLID	–	6.1	1579
4-CHLORO- <i>o</i> -TOLUIDINE HYDROCHLORIDE SOLUTION	–	6.1	3410
CHLOROTOLUIDINES, LIQUID	–	6.1	3429
CHLOROTOLUIDINES, SOLID	–	6.1	2239
1-CHLORO-2,2,2-TRIFLUOROETHANE	–	2.2	1983
Chlorotrifluoroethylene, stabilized, <i>see</i>	–	2.3	1082
CHLOROTRIFLUOROMETHANE	–	2.2	1022
CHLOROTRIFLUOROMETHANE AND TRIFLUOROMETHANE AZEOTROPIC MIXTURE with approximately 60% chlorotrifluoromethane	–	2.2	2599
2-Chloro-5-trifluoromethylnitrobenzene, <i>see</i>	P	6.1	2307
Chlorovinyl acetate, <i>see</i>	–	6.1	2589
Chlorphacinone, <i>see</i> ORGANOCHLORINE PESTICIDE	–	–	–
Chlorpyrifos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Chlorthiophos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Chromic acid, solid, <i>see</i>	–	5.1	1463
CHROMIC ACID SOLUTION	–	8	1755
Chromic anhydride, <i>see</i>	–	5.1	1463
CHROMIC FLUORIDE, SOLID	–	8	1756
CHROMIC FLUORIDE SOLUTION	–	8	1757
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Chromium(III) nitrate, see	–	5.1	2720
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CHROMIUM TRIOXIDE, ANHYDROUS	–	5.1	1463
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Chrysotile, see	–	9	2590
Cinene, see	P	3	2052
Cinnamene, see	–	3	2055
Cinnamol, see	–	3	2055
CLINICAL WASTE, UNSPECIFIED, N.O.S.	–	6.2	3291
COAL GAS, COMPRESSED	–	2.3	1023
Coal tar, see	P	9	3082
COAL TAR DISTILLATES, FLAMMABLE	–	3	1136
Coal tar naphtha, see	–	3	1268
Coal tar oil, see	–	3	1136
COATING SOLUTION (includes surface treatments or coatings used for industrial purposes such as vehicle under-coating, drum or barrel lining)	–	3	1139
■ COBALT DIHYDROXIDE POWDER, containing not less than 10% respirable particles	P	6.1	3550
COBALT NAPHTHENATES, POWDER	–	4.1	2001
COBALT RESINATE, PRECIPITATED	–	4.1	1318
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Coconitrile, see	P	9	3082
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Collodion cotton with plasticizing substance, see	–	4.1	2557
Collodion cotton with water, see	–	4.1	2555
Collodion solution, see	–	3	2059
COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	–	1.1B	0461
COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	–	1.2B	0382
COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	–	1.4B	0383
COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	–	1.4S	0384
Composition B, see	–	1.1D	0118
COMPRESSED GAS, FLAMMABLE, N.O.S.	–	2.1	1954
COMPRESSED GAS, N.O.S.	–	2.2	1956
COMPRESSED GAS, OXIDIZING, N.O.S.	–	2.2	3156
COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S.	–	2.3	3304
COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	–	2.3	3305
COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.	–	2.3	1953
COMPRESSED GAS, TOXIC, N.O.S.	–	2.3	1955

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COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	–	2.3	3306
COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.	–	2.3	3303
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CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	–	1.2L	0248
CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	–	1.3L	0249
COPPER ACETOARSENITE	P	6.1	1585
Copper arsenate, see	–	6.1	1557
COPPER ARSENITE	P	6.1	1586
Copper(II) arsenite, see	–	6.1	1586
COPPER BASED PESTICIDE, LIQUID, TOXIC	–	6.1	3010
COPPER BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	–	3	2776
COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	–	6.1	3009
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COPPER CHLORIDE	P	8	2802
Copper compounds, see COPPER BASED PESTICIDE	–	–	–
COPPER CYANIDE	P	6.1	1587
Copper metal powder, see Note 1	P	–	–
Copper sulphate, anhydrous, hydrates and solutions, see Note 1	P	–	–
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CORD, DETONATING, flexible	–	1.4D	0289
CORD, DETONATING, metal-clad	–	1.1D	0290
CORD, DETONATING, metal-clad	–	1.2D	0102
CORD, DETONATING, MILD EFFECT, metal-clad	–	1.4D	0104
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CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	–	8	3264
CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	–	8	3265
CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	–	8	3266
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CYCLONITE AND HMX MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	–	1.1D	0391
CYCLONITE AND HMX MIXTURE, WETTED with not less than 15% water, by mass	–	1.1D	0391
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CYCLOTRIMETHYLENETRINITRAMINE AND HMX MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	–	1.1D	0391

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CYCLOTRIMETHYLENETRINITRAMINE AND HMX MIXTURE, WETTED with not less than 15% water, by mass	–	1.1D	0391
CYCLOTRIMETHYLENETRINITRAMINE AND OCTOGEN MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	–	1.1D	0391
CYCLOTRIMETHYLENETRINITRAMINE AND OCTOGEN MIXTURE, WETTED with not less than 15% water, by mass	–	1.1D	0391
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1,6-Diaminohexane, solid, see	–	8	2280
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2-Diazo-1-naphthol-4-sulphonyl chloride (concentration 100%), see	–	4.1	3222
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DIBROMOCHLOROPROPANES	–	6.1	2872
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2-Dibutylaminoethanol, see	–	6.1	2873
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Di- <i>tert</i> -butyl peroxide (concentration $> 52\text{--}100\%$), see	–	5.2	3107
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1,1-Di-(<i>tert</i> -butylperoxy)cyclohexane (concentration $\leq 13\%$, with diluents Type A and B), see	–	5.2	3109
1,1-Di-(<i>tert</i> -butylperoxy)cyclohexane (concentration $\leq 27\%$, with diluent Type A), see	–	5.2	3107
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1,1-Di-(<i>tert</i> -butylperoxy)cyclohexane (concentration $> 80\text{--}100\%$), see	–	5.2	3101
1,1-Di-(<i>tert</i> -butylperoxy)cyclohexane + <i>tert</i> -butyl peroxy-2-ethylhexanoate (concentration $\leq 43\% + \leq 16\%$, with diluent Type A)	–	5.2	3105
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Di- <i>sec</i> -butyl peroxydicarbonate (concentration $> 52\text{--}100\%$), see	–	5.2	3113
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Di-(<i>tert</i> -butylperoxyisopropyl)benzene(s) (concentration $> 42\text{--}100\%$, with inert solid), see	–	5.2	3106
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Di-(<i>tert</i> -butylperoxy) phthalate (concentration $> 42\text{--}52\%$, with diluent Type A), see	–	5.2	3105

Substance, material or article	MP	Class	UN No.
Di-(<i>tert</i> -butylperoxy) phthalate (concentration $\leq 52\%$, as a paste with diluent Type A, with or without water), see	–	5.2	3106
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2,2-Di-(<i>tert</i> -butylperoxy)propane (concentration $\leq 52\%$ with diluent Type A), see	–	5.2	3105
1,1-Di-(<i>tert</i> -butylperoxy)-3,3,5-trimethylcyclohexane (concentration $\leq 32\%$, with diluents Type A and B), see	–	5.2	3107
1,1-Di-(<i>tert</i> -butylperoxy)-3,3,5-trimethylcyclohexane (concentration $\leq 57\%$, with diluent Type A), see	–	5.2	3107
1,1-Di-(<i>tert</i> -butylperoxy)-3,3,5-trimethylcyclohexane (concentration $\leq 57\%$, with inert solid), see	–	5.2	3110
1,1-Di-(<i>tert</i> -butylperoxy)-3,3,5-trimethylcyclohexane (concentration $> 57-90\%$, with diluent Type A), see	–	5.2	3103
1,1-Di-(<i>tert</i> -butylperoxy)-3,3,5-trimethylcyclohexane (concentration $\leq 77\%$, with diluent Type B), see	–	5.2	3103
1,1-Di-(<i>tert</i> -butylperoxy)-3,3,5-trimethylcyclohexane (concentration $\leq 90\%$, with diluent Type B)	–	5.2	3103
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2,6-Di- <i>tert</i> -butylphenol, see Note 1	–	–	–
Di- <i>n</i> -butyl phthalate, see	P	9	3082
Dicetyl peroxydicarbonate (concentration $\leq 42\%$ as a stable dispersion in water), see	–	5.2	3119
Dicetyl peroxydicarbonate (concentration $\leq 100\%$), see	–	5.2	3120
Dichlofenthion, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
1,1-DICHLORO-1-NITROETHANE	–	6.1	2650
DICHLOROACETIC ACID	–	8	1764
1,3-DICHLOROACETONE	–	6.1	2649
DICHLOROACETYL CHLORIDE	–	8	1765
DICHLOROANILINES, LIQUID	P	6.1	1590
DICHLOROANILINES, SOLID	P	6.1	3442
1,2-Dichlorobenzene, see	–	6.1	1591
1,3-Dichlorobenzene, see	P	6.1	2810
1,4-Dichlorobenzene, see	P	9	3082
<i>meta</i> -Dichlorobenzene, see	P	6.1	2810
<i>o</i> -DICHLOROBENZENE	–	6.1	1591
<i>para</i> -Dichlorobenzene, see	P	9	3082
Di-(4-chlorobenzoyl) peroxide (concentration $\leq 32\%$, with inert solid) (exempt)	–	–	–
Di-4-chlorobenzoyl peroxide (concentration $\leq 52\%$, as a paste, with diluent Type A, with or without water), see	–	5.2	3106
Di-4-chlorobenzoyl peroxide (concentration $\leq 77\%$, with water), see	–	5.2	3102
2,2'-DICHLORODIETHYL ETHER	–	6.1	1916
DICHLORODIFLUOROMETHANE	–	2.2	1028

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Substance, material or article	MP	Class	UN No.
DICHLORODIFLUOROMETHANE AND DIFLUOROETHANE AZEOTROPIC MIXTURE with approximately 74% dichloro-difluoromethane	–	2.2	2602
Dichlorodifluoromethane and ethylene oxide mixture, see	–	2.2	3070
DICHLORODIMETHYL ETHER, SYMMETRICAL	–	6.1	2249
1,1-DICHLOROETHANE	–	3	2362
1,2-Dichloroethane, see	–	3	1184
1,1-Dichloroethylene, stabilized, see	P	3	1303
1,2-DICHLOROETHYLENE	–	3	1150
Di-(2-chloroethyl) ether, see	–	6.1	1916
DICHLOROFLUOROMETHANE	–	2.2	1029
1,6-Dichlorohexane, see	P	9	3082
<i>alpha</i> -Dichlorohydrin, see	–	6.1	2750
DICHLOROISOCYANURIC ACID, DRY	–	5.1	2465
DICHLOROISOCYANURIC ACID SALTS	–	5.1	2465
Dichloroisopropyl alcohol, see	–	6.1	2750
DICHLOROISOPROPYL ETHER	–	6.1	2490
DICHLOROMETHANE	–	6.1	1593
DICHLOROPENTANES	–	3	1152
2,4-Dichlorophenol, see	P	6.1	2020
Dichlorophenols, liquid, see	–	6.1	2021
Dichlorophenols, solid, see	–	6.1	2020
DICHLOROPHENYL ISOCYANATES	–	6.1	2250
DICHLOROPHENYLTRICHLOROSILANE	P	8	1766
1,1-Dichloropropane, see	–	3	1993
1,2-DICHLOROPROPANE	–	3	1279
1,3-Dichloropropane, see	–	3	1993
1,3-DICHLOROPROPANOL-2	–	6.1	2750
1,3-Dichloro-2-propanone, see	–	6.1	2649
1,3-Dichloropropene, see	P	3	2047
DICHLOROPROPENES	–	3	2047
DICHLOROSILANE	–	2.3	2189
1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE	–	2.2	1958
Dichloro-s-triazine-2,4,6-trione	–	5.1	2465
Dichlorvos, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
Diclofop-methyl, see Note 1	P	–	–
Dicoumarol, see COUMARIN DERIVATIVE PESTICIDE	–	–	–
Dicrotophos, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
Dicumyl peroxide (concentration ≤ 52%, with inert solid) (exempt)	–	–	–
Dicumyl peroxide (concentration > 52–100%), see	–	5.2	3110
1,4-Dicyanobutane, see	–	6.1	2205
Dicyanogen, see	–	2.3	1026
Dicycloheptadiene, stabilized, see	–	3	2251
DICYCLOHEXYLAMINE	–	8	2565

Substance, material or article	MP	Class	UN No.
Dicyclohexylamine nitrite, <i>see</i>	–	4.1	2687
DICYCLOHEXYLAMMONIUM NITRITE	–	4.1	2687
Dicyclohexyl peroxydicarbonate (concentration ≤ 42% as a stable dispersion in water), <i>see</i>	–	5.2	3119
Dicyclohexyl peroxydicarbonate (concentration ≤ 91%, with water), <i>see</i>	–	5.2	3114
Dicyclohexyl peroxydicarbonate (concentration > 91–100%), <i>see</i>	–	5.2	3112
DICYCLOPENTADIENE	–	3	2048
Didecanoyl peroxide (concentration ≤ 100%), <i>see</i>	–	5.2	3114
2,2-Di-(4,4-di-(<i>tert</i> -butylperoxy)cyclohexyl)propane (concentration ≤ 22%, with water), <i>see</i>	–	5.2	3107
2,2-Di-(4,4-di-(<i>tert</i> -butylperoxy)cyclohexyl)propane (concentration ≤ 42%, with inert solid), <i>see</i>	–	5.2	3106
Di-2,4-dichlorobenzoyl peroxide (concentration ≤ 52%, as a paste)	–	5.2	3118
Di-(2,4-dichlorobenzoyl) peroxide (concentration ≤ 52%, as a paste, with silicon oil), <i>see</i>	–	5.2	3106
Di-(2,4-dichlorobenzoyl) peroxide (concentration ≤ 77%, with water), <i>see</i>	–	5.2	3102
1,2-DI-(DIMETHYLAMINO)ETHANE	–	3	2372
DIDYMIUM NITRATE	–	5.1	1465
Dieldrin, <i>see</i> ORGANOCHLORINE PESTICIDE	P	–	–
DIESEL FUEL	–	3	1202
1,1-Diethoxyethane, <i>see</i>	–	3	1088
1,2-Diethoxyethane, <i>see</i>	–	3	1153
Di-(2-ethoxyethyl) peroxydicarbonate (concentration ≤ 52%, with diluent Type B), <i>see</i>	–	5.2	3115
DIETHOXYMETHANE	–	3	2373
2,5-Diethoxy-4-morpholinobenzenediazonium tetrafluoroborate (concentration 100%), <i>see</i>	–	4.1	3236
2,5-Diethoxy-4-morpholinobenzenediazonium zinc chloride (concentration 66%), <i>see</i>	–	4.1	3236
2,5-Diethoxy-4-morpholinobenzenediazonium zinc chloride (concentration 67–100%), <i>see</i>	–	4.1	3236
2,5-Diethoxy-4-(4-morpholinyl)benzenediazonium sulphate (concentration 100%), <i>see</i>	–	4.1	3226
2,5-Diethoxy-4-(phenylsulphonyl)benzenediazonium zinc chloride (concentration 67%), <i>see</i>	–	4.1	3236
3,3-DIETHOXYPROPENE	–	3	2374
Diethylacetaldehyde, <i>see</i>	–	3	1178
DIETHYLAMINE	–	3	1154
1-Diethylamino-4-aminopentane, <i>see</i>	–	6.1	2946
Diethylaminoethanol, <i>see</i>	–	8	2686
2-DIETHYLAMINOETHANOL	–	8	2686
3-DIETHYLAMINOPROPYLAMINE	–	3	2684
<i>N,N</i> -DIETHYLANILINE	–	6.1	2432
DIETHYLBENZENES	–	3	2049
Diethyl carbinol, <i>see</i>	–	3	1105

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DIETHYL CARBONATE	–	3	2366
DIETHYLDICHLOROSILANE	–	8	1767
Diethylenediamine, see	–	8	2579
Diethylenediamine, solid, see	–	8	2579
1,4-Diethylene dioxide, see	–	3	1165
Diethyleneglycol bis(allyl carbonate) + di-isopropyl peroxydicarbonate (concentration $\geq 88\%$ + $\leq 12\%$), see	–	4.1	3237
DIETHYLENEGLYCOL DINITRATE, DESENSITIZED with not less than 25% non-volatile, water-insoluble phlegmatizer, by mass	–	1.1D	0075
Diethylene oxide, see	–	3	1165
DIETHYLENETRIAMINE	–	8	2079
<i>N,N</i> -Diethylethanolamine, see	–	8	2686
DIETHYL ETHER	–	3	1155
<i>N,N</i> -DIETHYLETHYLENEDIAMINE	–	8	2685
Diethyl formal, see	–	3	2373
Di-(2-ethylhexyl) peroxydicarbonate (concentration $\leq 52\%$, as a stable dispersion in water (frozen)), see	–	5.2	3120
Di-(2-ethylhexyl) peroxydicarbonate (concentration $\leq 62\%$, as a stable dispersion in water), see	–	5.2	3119
Di-(2-ethylhexyl) peroxydicarbonate (concentration $\leq 77\%$, with diluent Type B), see	–	5.2	3115
Di-(2-ethylhexyl) peroxydicarbonate (concentration $> 77-100\%$), see	–	5.2	3113
Di-(2-ethylhexyl)phosphoric acid, see	–	8	1902
DIETHYL KETONE	–	3	1156
Diethyl oxalate, see	–	6.1	2525
<i>N,N</i> -Diethyl-1,3-propanediamine, see	–	3	2684
DIETHYL SULPHATE	–	6.1	1594
DIETHYL SULPHIDE	–	3	2375
DIETHYLTHIOPHOSPHORYL CHLORIDE	–	8	2751
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Difenacoum, see COUMARIN DERIVATIVE PESTICIDE	–	–	–
Difenzoquat, see PESTICIDE, N.O.S.	–	–	–
2,4-Difluoroaniline, see	–	6.1	2941
Difluorochloroethane, see	–	2.1	2517
Difluorodibromomethane, see	–	9	1941
1,1-DIFLUOROETHANE	–	2.1	1030
Difluoroethane and dichlorodifluoromethane, azeotropic mixture with approximately 74% dichlorodifluoromethane, see DICHLORODIFLUOROMETHANE AND DIFLUOROETHANE, AZEOTROPIC MIXTURE	–	–	–
1,1-DIFLUOROETHYLENE	–	2.1	1959
DIFLUOROMETHANE	–	2.1	3252
DIFLUOROPHOSPHORIC ACID, ANHYDROUS	–	8	1768
2,2-Dihydroperoxypropane (concentration $\leq 27\%$, with inert solid), see	–	5.2	3102
2,3-DIHYDROPYRAN	–	3	2376

Substance, material or article	MP	Class	UN No.
<i>meta</i> -Dihydroxybenzene, <i>see</i>	–	6.1	2876
Di-(1-hydroxycyclohexyl) peroxide (concentration ≤ 100%), <i>see</i>	–	5.2	3106
DIISOBUTYLAMINE	–	3	2361
DIISOBUTYLENES, ISOMERIC COMPOUNDS	–	3	2050
DIISOBUTYL KETONE	–	3	1157
Diisobutryl peroxide (concentration ≤ 42%, as a stable dispersion in water), <i>see</i>	–	5.2	3119
Diisobutryl peroxide (concentration ≤ 32%, with diluent Type B), <i>see</i>	–	5.2	3115
Diisobutryl peroxide (concentration > 32–52%, with diluent Type A), <i>see</i>	–	5.2	3111
DIISOCTYL ACID PHOSPHATE	–	8	1902
Diisopropyl, <i>see</i>	–	3	2457
DIISOPROPYLAMINE	–	3	1158
Diisopropylbenzene dihydroperoxide (concentration ≤ 82%, with diluent Type A and water), <i>see</i>	–	5.2	3106
Diisopropylbenzenes, <i>see</i>	P	9	3082
DIISOPROPYL ETHER	–	3	1159
Diisopropyl naphthalenes, mixed isomers, <i>see</i>	P	9	3082
Diisopropyl peroxydicarbonate (concentration ≤ 32%, with diluent Type A), <i>see</i>	–	5.2	3115
Diisopropyl peroxydicarbonate (concentration ≤ 52%, with diluent Type B), <i>see</i>	–	5.2	3115
Diisopropyl peroxydicarbonate (concentration > 52–100%), <i>see</i>	–	5.2	3112
DIKETENE, STABILIZED	–	6.1	2521
Dilauroyl peroxide (concentration ≤ 42%, as a stable dispersion in water), <i>see</i>	–	5.2	3109
Dilauroyl peroxide (concentration ≤ 100%), <i>see</i>	–	5.2	3106
Dimefox, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
Dimetan, <i>see</i> CARBAMATE PESTICIDE	–	–	–
Dimethoate, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Di-(3-methoxybutyl) peroxydicarbonate (concentration ≤ 52%, with diluent Type B), <i>see</i>	–	5.2	3115
1,1-DIMETHOXYETHANE	–	3	2377
1,2-DIMETHOXYETHANE	–	3	2252
Dimethoxymethane, <i>see</i>	–	3	1234
2,5-Dimethoxy-4-(4-methylphenylsulphonyl)benzenediazonium zinc chloride (concentration 79%), <i>see</i>	–	4.1	3236
Dimethoxystrychnine, <i>see</i>	–	6.1	1570
Dimethyl acetal, <i>see</i>	–	3	2377
1,1-Dimethylacetone, <i>see</i>	–	3	2397
Dimethylacetylene, <i>see</i>	–	3	1144
DIMETHYLAMINE, ANHYDROUS	–	2.1	1032
DIMETHYLAMINE, AQUEOUS SOLUTION	–	3	1160
2-DIMETHYLAMINOACETONITRILE	–	3	2378
4-(Dimethylamino)benzenediazonium trichlorozincate(–1) (concentration 100%), <i>see</i>	–	4.1	3228

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4-Dimethylamino-6-(2-dimethylaminoethoxy)toluene-2-diazonium zinc chloride (concentration 100%), see	–	4.1	3236
2-DIMETHYLAMINOETHANOL	–	8	2051
2-DIMETHYLAMINOETHYL ACRYLATE, STABILIZED	–	6.1	3302
2-DIMETHYLAMINOETHYL METHACRYLATE, STABILIZED	–	6.1	2522
<i>N,N</i> -DIMETHYLANILINE	–	6.1	2253
3,4-Dimethylaniline, see	–	6.1	1711
Dimethylarsinic acid, see	–	6.1	1572
Dimethylbenzenes, see	–	3	1307
Di-(2-methylbenzoyl) peroxide (concentration $\leq 87\%$, with water), see	–	5.2	3112
Di-(3-methylbenzoyl) peroxide (concentration $\leq 20\%$), with benzoyl (3-methylbenzoyl) peroxide (concentration $\leq 18\%$), with dibenzoyl peroxide (concentration $\leq 4\%$) and diluent Type B, see	–	5.2	3115
Di-(4-methylbenzoyl) peroxide (concentration $\leq 52\%$, as a paste with silicon oil), see	–	5.2	3106
Dimethylbenzylamine, see	–	8	2619
<i>N,N</i> -Dimethylbenzylamine, see	–	8	2619
2,3-DIMETHYLBUTANE	–	3	2457
1,3-DIMETHYLBUTYLAMINE	–	3	2379
DIMETHYLCARBAMOYL CHLORIDE	–	8	2262
Dimethyl carbinol, see	–	3	1219
DIMETHYL CARBONATE	–	3	1161
DIMETHYLCYCLOHEXANES	–	3	2263
<i>N,N</i> -DIMETHYLCYCLOHEXYLAMINE	–	8	2264
2,5-Dimethyl-2,5-di-(benzoylperoxy)hexane (concentration $\leq 82\%$, with inert solid), see	–	5.2	3106
2,5-Dimethyl-2,5-di-(benzoylperoxy)hexane (concentration $\leq 82\%$, with water), see	–	5.2	3104
2,5-Dimethyl-2,5-di-(benzoylperoxy)hexane (concentration $> 82-100\%$), see	–	5.2	3102
2,5-Dimethyl-2,5-di-(<i>tert</i> -butylperoxy)hexane (concentration $\leq 47\%$, as a paste), see	–	5.2	3108
2,5-Dimethyl-2,5-di-(<i>tert</i> -butylperoxy)hexane (concentration $\leq 52\%$, with diluent Type A), see	–	5.2	3109
2,5-Dimethyl-2,5-di-(<i>tert</i> -butylperoxy)hexane (concentration $> 52-90\%$), see	–	5.2	3105
2,5-Dimethyl-2,5-di-(<i>tert</i> -butylperoxy)hexane (concentration $\leq 77\%$, with inert solid), see	–	5.2	3108
2,5-Dimethyl-2,5-di-(<i>tert</i> -butylperoxy)hexane (concentration $> 90-100\%$), see	–	5.2	3103
2,5-Dimethyl-2,5-di-(<i>tert</i> -butylperoxy)hexyne-3 (concentration $\leq 52\%$, with inert solid), see	–	5.2	3106
2,5-Dimethyl-2,5-di-(<i>tert</i> -butylperoxy)hexyne-3 (concentration $> 52-86\%$, with diluent Type A), see	–	5.2	3103
2,5-Dimethyl-2,5-di-(<i>tert</i> -butylperoxy)hexyne-3 (concentration $> 86-100\%$), see	–	5.2	3101
DIMETHYLDICHLOROSILANE	–	3	1162
DIMETHYLDIETHOXYSILANE	–	3	2380

Substance, material or article	MP	Class	UN No.
2,5-Dimethyl-2,5-di-(2-ethylhexanoylperoxy)hexane (concentration $\leq 100\%$), see	–	5.2	3113
2,5-Dimethyl-2,5-dihydroperoxyhexane (concentration $\leq 82\%$, with water), see	–	5.2	3104
DIMETHYLDIOXANES	–	3	2707
DIMETHYL DISULPHIDE	P	3	2381
2,5-Dimethyl-2,5-di-(3,5,5-trimethylhexanoylperoxy)hexane (concentration $\leq 77\%$, with diluent Type A), see	–	5.2	3105
<i>N,N</i> -Dimethyldodecylamine, see Note 1	P	–	–
Dimethyleneimine, stabilized, see	–	6.1	1185
Dimethylethanolamine, see	–	8	2051
DIMETHYL ETHER	–	2.1	1033
<i>N,N</i> -DIMETHYLFORMAMIDE	–	3	2265
<i>N,N</i> -Dimethylglycinonitrile, see	–	3	2378
Dimethylglyoxal, see	–	3	2346
2,6-Dimethyl-4-heptanone, see	–	3	1157
1,1-Dimethylhydrazine, see	P	6.1	1163
1,2-Dimethylhydrazine, see	P	6.1	2382
DIMETHYLHYDRAZINE, SYMMETRICAL	P	6.1	2382
DIMETHYLHYDRAZINE, UNSYMMETRICAL	P	6.1	1163
1,1-Dimethyl-3-hydroxybutyl peroxyneohexanoate (concentration $\leq 52\%$, with diluent Type A), see	–	5.2	3117
Dimethyl ketone, see	–	3	1090
Dimethyl ketone solutions, see	–	3	1090
<i>N,N</i> -Dimethyl-4-nitrosoaniline, see	–	4.2	1369
<i>para</i> -Dimethylnitrosoaniline, see	–	4.2	1369
Dimethylphenols, liquid, see	–	6.1	3430
Dimethylphenols, solid, see	–	6.1	2261
Dimethyl phosphorochlorodithionate, see	–	6.1	2267
2,2-DIMETHYLPROPANE	–	2.1	2044
DIMETHYL- <i>N</i> -PROPYLAMINE	–	3	2266
Dimethyl- <i>n</i> -propylamine, see	–	3	2266
Dimethyl <i>normal</i> -propyl carbinol, see	–	3	2560
DIMETHYL SULPHATE	–	6.1	1595
DIMETHYL SULPHIDE	–	3	1164
DIMETHYL THIOPHOSPHORYL CHLORIDE	–	6.1	2267
Dimethylzinc, see	–	4.2	3394
Dimetilan, see CARBAMATE PESTICIDE	–	–	–
Dimexano, see PESTICIDE, N.O.S.	–	–	–
Dimyristyl peroxydicarbonate (concentration $\leq 42\%$, as a stable dispersion in water), see	–	5.2	3119
Dimyristyl peroxydicarbonate (concentration $\leq 100\%$), see	–	5.2	3116
Di-(2-neodecanoylperoxyisopropyl)benzene (concentration $\leq 52\%$, with diluent Type A), see	–	5.2	3115
DINGU	–	1.1D	0489

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DINITROBENZENES, SOLID	–	6.1	3443
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Dinitrochlorobenzenes, solid, see	P	6.1	3441
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Dinitrogen oxide, refrigerated liquid, see	–	2.2	2201
DINITROGEN TETROXIDE	–	2.3	1067
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Dinitrogen trioxide, see	–	2.3	2421
DINITROGLYCOLURIL	–	1.1D	0489
Dinitrophenates (class 1), see	P	1.3C	0077
Dinitrophenates, wetted, see	P	4.1	1321
DINITROPHENOLATES, alkali metals, dry or wetted with less than 15% water, by mass	P	1.3C	0077
DINITROPHENOLATES, WETTED with not less than 15% water, by mass	P	4.1	1321
DINITROPHENOL, dry or wetted with less than 15% water, by mass	P	1.1D	0076
DINITROPHENOL SOLUTION	P	6.1	1599
DINITROPHENOL, WETTED with not less than 15% water, by mass	P	4.1	1320
DINITRORESORCINOL, dry or wetted with less than 15% water, by mass	–	1.1D	0078
DINITRORESORCINOL, WETTED with not less than 15% water, by mass	–	4.1	1322
DINITROSOBENZENE	–	1.3C	0406
<i>N,N'</i> -Dinitroso- <i>N,N'</i> -dimethylterephthalamide, as a paste (concentration 72%), see	–	4.1	3224
<i>N,N'</i> -Dinitrosopentamethylenetetramine (concentration 82%), see	–	4.1	3224
Dinitrotoluene mixed with sodium chlorate, see	–	1.1D	0083
DINITROTOLUENES, LIQUID	P	6.1	2038
DINITROTOLUENES, MOLTEN	P	6.1	1600
DINITROTOLUENES, SOLID	P	6.1	3454
Dinobuton, see SUBSTITUTED NITROPHENOL PESTICIDE	P	–	–
Di- <i>n</i> -nonanoyl peroxide (concentration ≤ 100%), see	–	5.2	3116
Dinoseb, see SUBSTITUTED NITROPHENOL PESTICIDE	P	–	–
Dinoseb acetate, see SUBSTITUTED NITROPHENOL PESTICIDE	P	–	–
Dinoterb, see SUBSTITUTED NITROPHENOL PESTICIDE	–	–	–
Dinoterb acetate, see SUBSTITUTED NITROPHENOL PESTICIDE	–	–	–
Di- <i>n</i> -octanoyl peroxide (concentration ≤ 100%), see	–	5.2	3114
Dioxacarb, see CARBAMATE PESTICIDE	P	–	–
DIOXANE	–	3	1165
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DIOXOLANE	–	3	1166

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DIPENTENE	P	3	2052
Di- <i>normal</i> -pentylamine, <i>see</i>	—	3	2841
Diphacinone, <i>see</i> PESTICIDE, N.O.S.	P	—	—
Di-(2-phenoxyethyl) peroxydicarbonate (concentration ≤ 85%, with water), <i>see</i>	—	5.2	3106
Di-(2-phenoxyethyl) peroxydicarbonate (concentration > 85–100%), <i>see</i>	—	5.2	3102
Diphenyl, <i>see</i>	P	9	3077
DIPHENYLAMINE CHLOROARSINE	P	6.1	1698
Diphenylbromomethane, <i>see</i>	—	8	1770
DIPHENYLCHLOROARSINE, LIQUID	P	6.1	1699
DIPHENYLCHLOROARSINE, SOLID	P	6.1	3450
DIPHENYLDICHLOROSILANE	—	8	1769
DIPHENYLMETHYL BROMIDE	—	8	1770
Diphenyloxide-4,4'-disulphonylhydrazide (concentration 100%), <i>see</i>	—	4.1	3226
DIPICRYLAMINE	—	1.1D	0079
DIPICRYL SULPHIDE, dry or wetted with less than 10% water, by mass	—	1.1D	0401
DIPICRYL SULPHIDE, WETTED with not less than 10% water, by mass	—	4.1	2852
Di-2-propenylamine, <i>see</i>	—	3	2359
Dipropionyl peroxide (concentration ≤ 27%, with diluent Type B), <i>see</i>	—	5.2	3117
DIPROPYLAMINE	—	3	2383
Di- <i>n</i> -propylamine, <i>see</i>	—	3	2383
4-Dipropylaminobenzenediazonium zinc chloride (concentration 100%), <i>see</i>	—	4.1	3226
Dipropylenetriamine, <i>see</i>	—	8	2269
DI- <i>n</i> -PROPYL ETHER	—	3	2384
DIPROPYL KETONE	—	3	2710
Di- <i>n</i> -propyl peroxydicarbonate (concentration ≤ 77%, with diluent Type B), <i>see</i>	—	5.2	3113
Di- <i>n</i> -propyl peroxydicarbonate (concentration ≤ 100%), <i>see</i>	—	5.2	3113
Diquat, <i>see</i> BIPYRIDILIUM PESTICIDE	—	—	—
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Disuccinic acid peroxide (concentration > 72–100%), <i>see</i>	—	5.2	3102
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Di-(3,5,5-trimethylhexanoyl) peroxide (concentration ≤ 38%, with diluent Type A), <i>see</i>	—	5.2	3119
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Di-(3,5,5-trimethylhexanoyl) peroxide (concentration > 38–52%, with diluent Type A), see	—	5.2	3119
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Divinyl, stabilized, see	—	2.1	1010
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Dodecylphenol, see	P	8	3145
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DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	—	6.1	3143
DYE, LIQUID, CORROSIVE, N.O.S.	—	8	2801
DYE, LIQUID, TOXIC, N.O.S.	—	6.1	1602
DYE, SOLID, CORROSIVE, N.O.S.	—	8	3147
DYE, SOLID, TOXIC, N.O.S.	—	6.1	3143
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1,2-Epoxyethane with nitrogen up to a total pressure of 1 MPa (10 bar) at 50°C, see	–	2.3	1040
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ETHANOL AND PETROL MIXTURE, with more than 10% ethanol	–	3	3475
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2-(N,N-Ethoxycarbonylphenylamino)-3-methoxy-4-(N-methyl-N-cyclohexylamino)benzenediazonium zinc chloride (concentration 62%), see	–	4.1	3236

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2-(<i>N,N</i> -Ethoxycarbonylphenylamino)-3-methoxy-4-(<i>N</i> -methyl- <i>N</i> -cyclohexylamino)benzenediazonium zinc chloride (concentration 63–92%), see	–	4.1	3236
2-Ethoxyethanol, see	–	3	1171
2-Ethoxyethyl acetate, see	–	3	1172
1-Ethoxypropane, see	–	3	2615
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Ethylacetone, see	–	3	1249
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ETHYL ACRYLATE, STABILIZED	–	3	1917
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ETHYL ALCOHOL	–	3	1170
ETHYL ALCOHOL SOLUTION	–	3	1170
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ETHYLAMINE	–	2.1	1036
ETHYLAMINE, AQUEOUS SOLUTION with not less than 50% but not more than 70% ethylamine	–	3	2270
ETHYL AMYL KETONES	–	3	2271
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2-ETHYLANILINE	–	6.1	2273
<i>N</i> -ETHYLANILINE	–	6.1	2272
<i>ortho</i> -Ethylaniline, see	–	6.1	2273
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<i>N</i> -ETHYL- <i>N</i> -BENZYLANILINE	–	6.1	2274
<i>N</i> -ETHYLBENZYL TOLUIDINES, LIQUID	–	6.1	2753
<i>N</i> -ETHYLBENZYL TOLUIDINES, SOLID	–	6.1	3460
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ETHYL BROMOACETATE	–	6.1	1603
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ETHYL CHLOROFORMATE	–	6.1	1182
ETHYL 2-CHLOROPROPIONATE	–	3	2935
ETHYL CHLOROTHIOFORMATE	P	8	2826
ETHYL CROTONATE	–	3	1862
Ethyl cyanide, <i>see</i>	–	3	2404
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Ethyl 3,3-di-(<i>tert</i> -butylperoxy)butyrate (concentration ≤ 52%, with inert solid), <i>see</i>	–	5.2	3106
Ethyl 3,3-di-(<i>tert</i> -butylperoxy)butyrate (concentration ≤ 77%, with diluent Type A), <i>see</i>	–	5.2	3105
Ethyl 3,3-di-(<i>tert</i> -butylperoxy)butyrate (concentration > 77–100%), <i>see</i>	–	5.2	3103
ETHYLDICHLOROARSINE	P	6.1	1892
ETHYLDICHLOROSILANE	–	4.3	1183
ETHYLENE	–	2.1	1962
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Ethylene chloride, <i>see</i>	–	3	1184
ETHYLENE CHLOROHYDRIN	–	6.1	1135
ETHYLENEDIAMINE	–	8	1604
ETHYLENE DIBROMIDE	–	6.1	1605
Ethylene dibromide and methyl bromide mixture, liquid, <i>see</i>	P	6.1	1647
ETHYLENE DICHLORIDE	–	3	1184
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ETHYLENE GLYCOL DIETHYL ETHER	–	3	1153
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ETHYLENE GLYCOL MONOETHYL ETHER	–	3	1171
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ETHYLENE GLYCOL MONOMETHYL ETHER	–	3	1188
ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE	–	3	1189
ETHYLENEIMINE, STABILIZED	–	6.1	1185
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ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 87% ethylene oxide	–	2.3	3300
ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 9% but not more than 87% ethylene oxide	–	2.1	1041
ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with not more than 9% ethylene oxide	–	2.2	1952
ETHYLENE OXIDE AND CHLOROTETRAFLUOROETHANE MIXTURE with not more than 8.8% ethylene oxide	–	2.2	3297
ETHYLENE OXIDE AND DICHLORODIFLUOROMETHANE MIXTURE with not more than 12.5% ethylene oxide	–	2.2	3070
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ETHYL FLUORIDE	–	2.1	2453
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Ethyl glycol acetate, <i>see</i>	–	3	1172
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3-Ethylhexaldehyde, <i>see</i>	–	3	1191
2-Ethylhexanal, <i>see</i>	–	3	1191
3-Ethylhexanal, <i>see</i>	–	3	1191
1-(2-Ethylhexanoylperoxy)-1,3-dimethylbutyl peroxyphosphate (concentration ≤ 52%, with diluents Type A and B), <i>see</i>	–	5.2	3115
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Ethylidene dichloride, <i>see</i>	–	3	2362
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1-Ethyl-2-methylbenzene, <i>see</i> Note 1	P	–	–
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ETHYLPHENYLDICHLOROSILANE	–	8	2435
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1-ETHYLPYPERIDINE	–	3	2386
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FISH SCRAP, UNSTABILIZED. High hazard. Unrestricted moisture content. Unrestricted fat content in excess of 12%, by mass. Unrestricted fat content in excess of 15%, by mass, in the case of anti-oxidant treated fish scrap	–	4.2	1374
FISH SCRAP, UNSTABILIZED not anti-oxidant treated. Moisture content: more than 5% but not more than 12%, by mass. Fat content: not more than 12%, by mass	–	4.2	1374
Flammable gas in lighters, see	–	2.1	1057
FLAMMABLE LIQUID, CORROSIVE, N.O.S.	–	3	2924
FLAMMABLE LIQUID, N.O.S.	–	3	1993
FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	–	3	3286
FLAMMABLE LIQUID, TOXIC, N.O.S.	–	3	1992
FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.	–	4.1	3180
FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.	–	4.1	2925
FLAMMABLE SOLID, INORGANIC, N.O.S.	–	4.1	3178
FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.	–	4.1	3176
FLAMMABLE SOLID, ORGANIC, N.O.S.	–	4.1	1325
FLAMMABLE SOLID, OXIDIZING, N.O.S.	–	4.1	3097
FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.	–	4.1	3179
FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.	–	4.1	2926
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FLARES, AERIAL	–	1.2G	0421
FLARES, AERIAL	–	1.3G	0093

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FLARES, AERIAL	–	1.4S	0404
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Flares, highway or railway, see SIGNAL DEVICES, HAND	–	–	–
FLARES, SURFACE	–	1.1G	0418
FLARES, SURFACE	–	1.2G	0419
FLARES, SURFACE	–	1.3G	0092
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FLASH POWDER	–	1.1G	0094
FLASH POWDER	–	1.3G	0305
Flax, dry, see	–	4.1	3360
Flowers of sulphur, see	–	4.1	1350
Flue dust, arsenical, see	–	6.1	1562
Fluoric acid, see	–	8	1790
Fluorine compounds (pesticides), see PESTICIDE, N.O.S.	–	–	–
FLUORINE, COMPRESSED	–	2.3	1045
Fluorine monoxide, compressed, see	–	2.3	2190
Fluoroacetamide, see PESTICIDE, N.O.S.	–	–	–
FLUOROACETIC ACID	–	6.1	2642
FLUOROANILINES	–	6.1	2941
FLUOROBENZENE	–	3	2387
FLUOROBORIC ACID	–	8	1775
Fluoroethane, see	–	2.1	2453
Fluoroethanoic acid, see	–	6.1	2642
Fluoroform, see	–	2.2	1984
Fluoroformyl fluoride, compressed, see	–	2.3	2417
Fluoromethane, see	–	2.1	2454
FLUOROPHOSPHORIC ACID, ANHYDROUS	–	8	1776
FLUOROSILICATES, N.O.S.	–	6.1	2856
FLUOROSILICIC ACID	–	8	1778
FLUOROSULPHONIC ACID	–	8	1777
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Substance, material or article	MP	Class	UN No.
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FORMIC ACID with not less than 5% but less than 10% acid, by mass	–	8	3412
FORMIC ACID with not less than 10% but not more than 85% acid, by mass	–	8	3412
Formic aldehyde solution, flammable, see	–	3	1198
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2-Formyl-3,4-dihydro-2H-pyran, stabilized, see	–	3	2607
N-Formyl-2-(nitromethylene)-1,3-perhydrothiazine (concentration 100%), see	–	4.1	3236
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FUEL CELL CARTRIDGES, containing corrosive substances	–	8	3477
FUEL CELL CARTRIDGES, containing hydrogen in metal hydride	–	2.1	3479
FUEL CELL CARTRIDGES, containing liquefied flammable gas	–	2.1	3478
FUEL CELL CARTRIDGES, containing water-reactive substances	–	4.3	3476
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FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT, containing corrosive substances	–	8	3477
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FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT, containing liquefied flammable gas	–	2.1	3478
FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT, containing water-reactive substances	–	4.3	3476
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FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing hydrogen in metal hydride	–	2.1	3479
FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing liquefied flammable gas	–	2.1	3478
FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing water-reactive substances	–	4.3	3476
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FUSE, DETONATING, metal-clad	–	1.2D	0102
FUSE, DETONATING, MILD EFFECT, metal-clad	–	1.4D	0104
FUSE, IGNITER, tubular, metal-clad	–	1.4G	0103
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FUSE, SAFETY	–	1.4S	0105
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FUZES, DETONATING	–	1.2B	0107
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FUZES, DETONATING	–	1.4S	0367
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FUZES, DETONATING with protective features	–	1.2D	0409
FUZES, DETONATING with protective features	–	1.4D	0410
FUZES, IGNITING	–	1.3G	0316
FUZES, IGNITING	–	1.4G	0317
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Substance, material or article	MP	Class	UN No.
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Glyceryl trinitrate (class 1), see NITROGLYCERIN (class 1)	–	–	–
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GUANYL NITROSAMINO GUANYLIDENE HYDRAZINE, WETTED with not less than 30% water, by mass	–	1.1A	0113
GUANYL NITROSAMINO GUANYLTETRAZENE, WETTED with not less than 30% water, or mixture of alcohol and water, by mass	–	1.1A	0114
GUNPOWDER, COMPRESSED	–	1.1D	0028
GUNPOWDER granular, or as a meal	–	1.1D	0027
GUNPOWDER, IN PELLETS	–	1.1D	0028
HAFNIUM POWDER, DRY	–	4.2	2545
HAFNIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns	–	4.1	1326
HAFNIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (b) chemically produced, particle size less than 840 microns	–	4.1	1326
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1,3-Hexachlorobutadiene, see	P	6.1	2279
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HEXACHLOROPHENE	–	6.1	2875
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HEXAFLUOROACETONE	–	2.3	2420
HEXAFLUOROACETONE HYDRATE, LIQUID	–	6.1	2552
HEXAFLUOROACETONE HYDRATE, SOLID	–	6.1	3436
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HEXOGEN AND CYCLOTETRAMETHYLENETETRANITRAMINE MIXTURE, WETTED with not less than 15% water, by mass	–	1.1D	0391
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HEXOGEN AND OCTOGEN MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	–	1.1D	0391
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2-Hydroxycamphane, see	–	4.1	1312
Hydroxydimethylbenzenes, liquid, see	–	6.1	3430
Hydroxydimethylbenzenes, solid, see	–	6.1	2261
3-Hydroxy-1,1-dimethylbutyl peroxyneodecanoate (concentration ≤ 52%, as a stable dispersion in water)	–	5.2	3119
3-Hydroxy-1,1-dimethylbutyl peroxyneodecanoate (concentration ≤ 52%, with diluent Type A)	–	5.2	3117
3-Hydroxy-1,1-dimethylbutyl peroxyneodecanoate (concentration ≤ 77%, with diluent Type A)	–	5.2	3115
2-(2-Hydroxyethoxy)-1-(pyrrolidin-1-yl)benzene-4-diazonium zinc chloride (concentration 100%), see	–	4.1	3236
3-(2-Hydroxyethoxy)-4-(pyrrolidin-1-yl)benzenediazonium zinc chloride (concentration 100%), see	–	4.1	3236
2-Hydroxyethylamine, see	–	8	2491
HYDROXYLAMINE SULPHATE	–	8	2865
Hydroxylammonium sulphate, see	–	8	2865
1-Hydroxy-3-methyl-2-penten-4-yne, see	–	8	2705
3-Hydroxyphenol, see	–	6.1	2876
HYPOCHLORITES, INORGANIC, N.O.S.	–	5.1	3212
HYPOCHLORITE SOLUTION	P	8	1791
IGNITERS	–	1.1G	0121
IGNITERS	–	1.2G	0314
IGNITERS	–	1.3G	0315
IGNITERS	–	1.4G	0325
IGNITERS	–	1.4S	0454
Imazalil, see PESTICIDE, N.O.S.	–	–	–
3,3'-IMINODIPROPYLAMINE	–	8	2269
INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only	–	6.2	2900
INFECTIOUS SUBSTANCE, AFFECTING HUMANS	–	6.2	2814

Substance, material or article	MP	Class	UN No.
Inflammable ... , see FLAMMABLE ...	–	–	–
INSECTICIDE GAS, FLAMMABLE, N.O.S.	–	2.1	3354
INSECTICIDE GAS, N.O.S.	–	2.2	1968
INSECTICIDE GAS, TOXIC, FLAMMABLE, N.O.S.	–	2.3	3355
INSECTICIDE GAS, TOXIC, N.O.S.	–	2.3	1967
IODINE	–	8	3495
IODINE MONOCHLORIDE, LIQUID	–	8	3498
IODINE MONOCHLORIDE, SOLID	–	8	1792
IODINE PENTAFLUORIDE	–	5.1	2495
2-IODOBUTANE	–	3	2390
Iodomethane, see	–	6.1	2644
IODOMETHYLPROPANES	–	3	2391
IODOPROPANES	–	3	2392
<i>alpha</i> -Iodotoluene, see	–	6.1	2653
Ioxynil, see PESTICIDE, N.O.S.	P	–	–
Iprobenfos, see ORGANOPHOSPHORUS PESTICIDE	–	–	–
Iron carbonyl, see	–	6.1	1994
Iron chloride, anhydrous, see	–	8	1773
Iron(III) chloride, anhydrous, see	–	8	1773
Iron chloride solution, see	–	8	2582
IRON OXIDE, SPENT obtained from coal gas purification	–	4.2	1376
IRON PENTACARBONYL	–	6.1	1994
Iron perchloride, anhydrous, see	–	8	1773
Iron perchloride solution, see	–	8	2582
⊗			
Iron powder, pyrophoric, see	–	4.2	1383
IRON SPONGE, SPENT obtained from coal gas purification	–	4.2	1376
Iron swarf, see	–	4.2	2793
Iron trichloride, anhydrous, see	–	8	1773
Iron trichloride solution, see	–	8	2582
Isoamyl acetate, see	–	3	1104
Isoamyl alcohol, see	–	3	1105
Isoamyl bromide, see	–	3	2341
Isoamyl butyrate, see	–	3	2620
<i>alpha</i> -Isoamylene, see	–	3	2561
Isoamyl formate, see	–	3	1109
Isoamyl mercaptan, see	–	3	1111
Isoamyl nitrate, see	–	3	1112
Isoamyl nitrite, see	–	3	1113
Isobenzan, see ORGANOCHLORINE PESTICIDE	P	–	–
Isobutanal, see	–	3	2045
ISOBUTANE	–	2.1	1969
ISOBUTANOL	–	3	1212

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Substance, material or article	MP	Class	UN No.
Isobutene, see	–	2.1	1055
Isobutenol, see	–	3	2614
Isobutenyl chloride, see	–	3	2554
ISOBUTYL ACETATE	–	3	1213
ISOBUTYL ACRYLATE, STABILIZED	–	3	2527
ISOBUTYL ALCOHOL	–	3	1212
ISOBUTYL ALDEHYDE	–	3	2045
ISOBUTYLAMINE	–	3	1214
Isobutylbenzene, see	P	3	2709
Isobutyl bromide, see	–	3	2342
ISOBUTYLENE	–	2.1	1055
ISOBUTYL FORMATE	–	3	2393
Isobutyl iodide, see	–	3	2391
ISOBUTYL ISOBUTYRATE	–	3	2528
ISOBUTYL ISOCYANATE	–	6.1	2486
Isobutyl mercaptan, see	–	3	2347
ISOBUTYL METHACRYLATE, STABILIZED	–	3	2283
ISOBUTYL PROPIONATE	–	3	2394
Isobutyl vinyl ether, see	–	3	1304
ISOBUTYRALDEHYDE	–	3	2045
ISOBUTYRIC ACID	–	3	2529
ISOBUTYRONITRILE	–	3	2284
ISOBUTYRYL CHLORIDE	–	3	2395
ISOCYANATES, FLAMMABLE, TOXIC, N.O.S.	–	3	2478
ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.	–	3	2478
ISOCYANATE SOLUTION, TOXIC, FLAMMABLE, N.O.S.	–	6.1	3080
ISOCYANATE SOLUTION, TOXIC, N.O.S.	–	6.1	2206
ISOCYANATES, TOXIC, FLAMMABLE, N.O.S.	–	6.1	3080
ISOCYANATES, TOXIC, N.O.S.	–	6.1	2206
ISOCYANATOBENZOTRIFLUORIDES	–	6.1	2285
3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, see	–	6.1	2290
Isodecyl acrylate, see	P	9	3082
Isododecane, see	–	3	2286
Isodrin, see ORGANOCHLORINE PESTICIDE	–	–	–
Isofenphos, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
ISOHEPTENES	–	3	2287
ISOHEXENES	–	3	2288
Isolan, see CARBAMATE PESTICIDE	–	–	–
Isooctaldehyde, see	–	3	1191
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Isooctyl nitrate, see	P	9	3082
Isopentane, see	–	3	1265

Substance, material or article	MP	Class	UN No.
ISOPENTENES	–	3	2371
Isopentylamine, see	–	3	1106
Isopentyl nitrite, see	–	3	1113
ISOPHORONEDIAMINE	–	8	2289
ISOPHORONE DIISOCYANATE	–	6.1	2290
ISOPRENE, STABILIZED	P	3	1218
Isoprocarb, see CARBAMATE PESTICIDE	P	–	–
ISOPROPANOL	–	3	1219
ISOPROPENYL ACETATE	–	3	2403
ISOPROPENYLBENZENE	–	3	2303
Isopropenyl carbinol, see	–	3	2614
Isopropenyl chloride, see	–	3	2456
2-Isopropoxypropane, see	–	3	1159
ISOPROPYL ACETATE	–	3	1220
ISOPROPYL ACID PHOSPHATE	–	8	1793
ISOPROPYL ALCOHOL	–	3	1219
ISOPROPYLAMINE	–	3	1221
ISOPROPYLBENZENE	–	3	1918
Isopropyl bromide, see	–	3	2344
Isopropyl sec-butyl peroxydicarbonate (concentration $\leq 32\%$) with di-sec-butyl peroxydicarbonate (concentration $\leq 15\text{--}18\%$) and di-isopropyl peroxydicarbonate (concentration $\leq 12\text{--}15\%$), with diluent Type A, see	–	5.2	3115
Isopropyl sec-butyl peroxydicarbonate (concentration $\leq 52\%$) with di-sec-butyl peroxydicarbonate (concentration $\leq 28\%$) and di-isopropyl peroxydicarbonate (concentration $\leq 22\%$), see	–	5.2	3111
ISOPROPYL BUTYRATE	–	3	2405
Isopropyl carbinol, see	–	3	1212
Isopropyl chloride, see	–	3	2356
ISOPROPYL CHLOROACETATE	–	3	2947
Isopropyl chlorocarbonate, see	–	6.1	2407
ISOPROPYL CHLOROFORMATE	–	6.1	2407
Isopropyl chloromethanoate, see	–	6.1	2407
ISOPROPYL 2-CHLOROPROPIONATE	–	3	2934
<i>alpha</i> -Isopropyl <i>alpha</i> -chloropropionate, see	–	3	2934
Isopropylcumyl hydroperoxide (concentration $\leq 72\%$, with diluent Type A), see	–	5.2	3109
Isopropyl cyanide, see	–	3	2284
Isopropyl ether, see	–	3	1159
Isopropylethylene, see	–	3	2561
Isopropyl formate, see	–	3	1281
Isopropylideneacetone, see	–	3	1229
ISOPROPYL ISOBUTYRATE	–	3	2406
ISOPROPYL ISOCYANATE	–	6.1	2483
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ISOPROPYL NITRATE	–	3	1222
ISOPROPYL PROPIONATE	–	3	2409
Isopropyltoluene, see	P	3	2046
Isopropyltoluol, see	P	3	2046
ISOSORBIDE-5-MONONITRATE	–	4.1	3251
ISOSORBIDE DINITRATE MIXTURE with not less than 60% lactose, mannose, starch, or calcium hydrogen phosphate	–	4.1	2907
Isotetramethylbenzene, see	P	9	3082
Isothioate, see ORGANOPHOSPHORUS PESTICIDE	–	–	–
Isovaleraldehyde, see	–	3	2058
Isovalerone, see	–	3	1157
Isoxathion, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
JET PERFORATING GUNS, CHARGED, oil well, without detonator	–	1.1D	0124
JET PERFORATING GUNS, CHARGED, oil well, without detonator	–	1.4D	0494
Jet tappers, without detonator, see CHARGES, SHAPED, COMMERCIAL	–	–	–
Jute, dry, see	–	4.1	3360
Kapok, dry, see	–	4.1	3360
Kelevan, see ORGANOCHLORINE PESTICIDE	–	–	–
KEROSENE	–	3	1223
Kerosine, see	–	3	1223
KETONES, LIQUID, N.O.S.	–	3	1224
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KRYPTON, REFRIGERATED LIQUID	–	2.2	1970
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Lacquer base, liquid, see PAINT	–	–	–
Lacquer base solution, see	–	3	2059
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LEAD ARSENATES	P	6.1	1617
LEAD ARSENITES	P	6.1	1618
LEAD AZIDE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	–	1.1A	0129
Lead chloride, solid, see	P	6.1	2291
LEAD COMPOUND, SOLUBLE, N.O.S.	P	6.1	2291
LEAD CYANIDE	P	6.1	1620
LEAD DIOXIDE	–	5.1	1872
Lead dross, see	–	8	1794
Lead(II) acetate, see	–	6.1	1616

Substance, material or article	MP	Class	UN No.
Lead(II) cyanide, <i>see</i>	–	6.1	1620
LEAD NITRATE	P	5.1	1469
Lead(II) nitrate, <i>see</i> LEAD NITRATE	–	–	–
Lead(II) perchlorate, <i>see</i>	–	5.1	1470
LEAD PERCHLORATE, SOLID	P	5.1	1470
LEAD PERCHLORATE SOLUTION	P	5.1	3408
Lead peroxide, <i>see</i>	–	5.1	1872
LEAD PHOSPHITE, DIBASIC	–	4.1	2989
LEAD STYPHNATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	–	1.1A	0130
LEAD SULPHATE with more than 3% free acid	–	8	1794
Lead tetraethyl, <i>see</i>	P	6.1	1649
Lead tetramethyl, <i>see</i>	P	6.1	1649
LEAD TRINITRORESORCINATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	–	1.1A	0130
LIFE-SAVING APPLIANCES NOT SELF-INFLATING containing dangerous goods as equipment	–	9	3072
LIFE-SAVING APPLIANCES, SELF-INFLATING	–	9	2990
LIGHTER REFILLS containing flammable gas	–	2.1	1057
LIGHTERS containing flammable gas	–	2.1	1057
LIGHTERS, FUSE	–	1.4S	0131
Ligroin, <i>see</i> PETROLEUM DISTILLATES, N.O.S. or <i>see</i> PETROLEUM PRODUCTS, N.O.S.	–	–	–
Limonene, <i>see</i>	P	3	2052
Lindane, <i>see</i> ORGANOCHLORINE PESTICIDE	P	–	–
Linuron, <i>see</i> Note 1	P	–	–
LIQUEFIED GASES non-flammable, charged with nitrogen, carbon dioxide or air	–	2.2	1058
LIQUEFIED GAS, FLAMMABLE, N.O.S.	–	2.1	3161
LIQUEFIED GAS, N.O.S.	–	2.2	3163
LIQUEFIED GAS, OXIDIZING, N.O.S.	–	2.2	3157
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LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	–	2.3	3309
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LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	–	2.3	3310
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Lithium alkyls, solid, <i>see</i>	–	4.2	3393
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LITHIUM ALUMINIUM HYDRIDE	–	4.3	1410
LITHIUM ALUMINIUM HYDRIDE, ETHEREAL	–	4.3	1411

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Lithium amalgams, solid, <i>see</i>	–	4.3	3401
Lithium amide, <i>see</i>	–	4.3	1390
LITHIUM BATTERIES INSTALLED IN CARGO TRANSPORT UNIT lithium ion batteries or lithium metal batteries	–	9	3536
LITHIUM BOROHYDRIDE	–	4.3	1413
Lithium dispersions, <i>see</i>	–	4.3	1391
LITHIUM FERROSILICON	–	4.3	2830
LITHIUM HYDRIDE	–	4.3	1414
LITHIUM HYDRIDE, FUSED SOLID	–	4.3	2805
LITHIUM HYDROXIDE	–	8	2680
Lithium hydroxide, solid, <i>see</i>	–	8	2680
LITHIUM HYDROXIDE SOLUTION	–	8	2679
LITHIUM HYPOCHLORITE, DRY	–	5.1	1471
LITHIUM HYPOCHLORITE MIXTURE	–	5.1	1471
Lithium in cartouches, <i>see</i>	–	4.3	1415
LITHIUM ION BATTERIES (including lithium ion polymer batteries)	–	9	3480
LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT (including lithium ion polymer batteries)	–	9	3481
LITHIUM ION BATTERIES PACKED WITH EQUIPMENT (including lithium ion polymer batteries)	–	9	3481
LITHIUM METAL BATTERIES (including lithium alloy batteries)	–	9	3090
LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT (including lithium alloy batteries)	–	9	3091
LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT (including lithium alloy batteries)	–	9	3091
LITHIUM NITRATE	–	5.1	2722
LITHIUM NITRIDE	–	4.3	2806
LITHIUM PEROXIDE	–	5.1	1472
Lithium silicide, <i>see</i>	–	4.3	1417
LITHIUM SILICON	–	4.3	1417
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LONDON PURPLE	P	6.1	1621
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MACHINERY, FUEL CELL, FLAMMABLE GAS POWERED	–	2.1	3529
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MACHINERY, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED	–	2.1	3529
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Substance, material or article	MP	Class	UN No.
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MAGNESIUM ALLOYS POWDER	–	4.3	1418
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MAGNESIUM ALUMINIUM PHOSPHIDE	–	4.3	1419
Magnesium amalgams, liquid, see	–	4.3	1392
Magnesium amalgams, solid, see	–	4.3	3402
MAGNESIUM ARSENATE	P	6.1	1622
Magnesium bisulphite solution, see	–	8	2693
MAGNESIUM BROMATE	–	5.1	1473
MAGNESIUM CHLORATE	–	5.1	2723
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MAGNESIUM DIAMIDE	–	4.2	2004
Magnesium diphenyl, see	–	4.2	3393
Magnesium dispersions, see	–	4.3	1391
MAGNESIUM FLUOROSILICATE	–	6.1	2853
MAGNESIUM GRANULES, COATED, particle size not less than 149 microns	–	4.3	2950
Magnesium hexafluorosilicate, see	–	6.1	2853
MAGNESIUM HYDRIDE	–	4.3	2010
MAGNESIUM NITRATE	–	5.1	1474
MAGNESIUM PERCHLORATE	–	5.1	1475
MAGNESIUM PEROXIDE	–	5.1	1476
MAGNESIUM PHOSPHIDE	–	4.3	2011
MAGNESIUM POWDER	–	4.3	1418
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MAGNESIUM SILICIDE	–	4.3	2624
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MALONONITRILE	–	6.1	2647
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MANEB PREPARATION, STABILIZED against self-heating	P	4.3	2968
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MANGANESE RESINATE	–	4.1	1330
Manganous nitrate, see	–	5.1	2724
MANNITOL HEXANITRATE, WETTED with not less than 40% water, or mixture of alcohol and water, by mass	–	1.1D	0133
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MATCHES, SAFETY (book, card or strike on box)	–	4.1	1944
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MEDICAL WASTE, CATEGORY A, AFFECTING HUMANS, solid	–	6.2	3549
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MEDICINE, LIQUID, TOXIC, N.O.S.	–	6.1	1851
MEDICINE, SOLID, TOXIC, N.O.S.	–	6.1	3249
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p-Menthyl hydroperoxide (concentration > 72–100%), see	–	5.2	3105
Mephosfolan, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
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MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	–	3	1228
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MERCURIC NITRATE	P	6.1	1625
Mercuric oleate, see	P	6.1	1640
Mercuric oxide, see	P	6.1	1641
Mercuric oxycyanide, desensitized, see	P	6.1	1642
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Mercuric sulphate, see	P	6.1	1645
Mercuric thiocyanate, see	P	6.1	1646
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Mercurous bisulphate, see	P	6.1	1645
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MERCUROUS NITRATE	P	6.1	1627
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NITRITES, INORGANIC, N.O.S.	–	5.1	2627
NITROANILINES (<i>o</i> -, <i>m</i> -, <i>p</i> -)	–	6.1	1661
NITROANISOLES, LIQUID	–	6.1	2730
NITROANISOLES, SOLID	–	6.1	3458
NITROBENZENE	–	6.1	1662
Nitrobenzene bromides, liquid, <i>see</i>	–	6.1	2732
Nitrobenzene bromides, solid, <i>see</i>	–	6.1	3459
NITROBENZENESULPHONIC ACID	–	8	2305
Nitrobenzol, <i>see</i>	–	6.1	1662
5-NITROBENZOTRIAZOL	–	1.1D	0385
NITROBENZOTRIFLUORIDES, LIQUID	P	6.1	2306
NITROBENZOTRIFLUORIDES, SOLID	P	6.1	3431
NITROBROMOBENZENES, LIQUID	–	6.1	2732
NITROBROMOBENZENES, SOLID	–	6.1	3459
Nitrocarbonitrates, <i>see</i> EXPLOSIVE, BLASTING, TYPE B	–	–	–
NITROCELLULOSE, dry or wetted with less than 25% water (or alcohol), by mass	–	1.1D	0340
NITROCELLULOSE MEMBRANE FILTERS with not more than 12.6% nitrogen, by dry mass	–	4.1	3270
NITROCELLULOSE, PLASTICIZED with not less than 18% plasticizing substance, by mass	–	1.3C	0343
NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose	–	3	2059
NITROCELLULOSE, unmodified or plasticized with less than 18% plasticizing substance, by mass	–	1.1D	0341
NITROCELLULOSE, WETTED with not less than 25% alcohol, by mass	–	1.3C	0342
NITROCELLULOSE WITH ALCOHOL (not less than 25% alcohol, by mass, and not more than 12.6% nitrogen, by dry mass)	–	4.1	2556
NITROCELLULOSE with not more than 12.6% nitrogen, by dry mass, MIXTURE WITHOUT PLASTICIZER, WITHOUT PIGMENT	–	4.1	2557
NITROCELLULOSE with not more than 12.6% nitrogen, by dry mass, MIXTURE WITHOUT PLASTICIZER, WITH PIGMENT	–	4.1	2557
NITROCELLULOSE with not more than 12.6% nitrogen, by dry mass, MIXTURE WITH PLASTICIZER, WITHOUT PIGMENT	–	4.1	2557
NITROCELLULOSE with not more than 12.6% nitrogen, by dry mass, MIXTURE WITH PLASTICIZER, WITH PIGMENT	–	4.1	2557
NITROCELLULOSE WITH WATER (not less than 25% water, by mass)	–	4.1	2555
Nitrochlorobenzenes, <i>see</i>	–	6.1	1578
3-NITRO-4-CHLOROBENZOTRIFLUORIDE	P	6.1	2307
Nitrocotton solution, <i>see</i>	–	3	2059
Nitrocotton with alcohol, <i>see</i>	–	4.1	2556
Nitrocotton with plasticizing substance, <i>see</i>	–	4.1	2557
Nitrocotton with water, <i>see</i>	–	4.1	2555
NITROCRESOLS, LIQUID	–	6.1	3434
NITROCRESOLS, SOLID	–	6.1	2446
NITROETHANE	–	3	2842

Substance, material or article	MP	Class	UN No.
NITROGEN, COMPRESSED	–	2.2	1066
NITROGEN DIOXIDE	–	2.3	1067
Nitrogen dioxide and nitric oxide mixtures, see	–	2.3	1975
Nitrogen peroxide, see	–	2.3	1067
NITROGEN, REFRIGERATED LIQUID	–	2.2	1977
Nitrogen sesquioxide, see	–	2.3	2421
NITROGEN TRIFLUORIDE	–	2.2	2451
NITROGEN TRIOXIDE	–	2.3	2421
NITROGLYCERIN, DESENSITIZED with not less than 40% non-volatile water-insoluble phlegmatizer, by mass	–	1.1D	0143
NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S. with not more than 30% nitroglycerin, by mass	–	3	3343
NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, N.O.S. with not more than 30% nitroglycerin, by mass	–	3	3357
NITROGLYCERIN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 2% but not more than 10% nitroglycerin, by mass	–	4.1	3319
NITROGLYCERIN SOLUTION IN ALCOHOL with more than 1% but not more than 5% nitroglycerin	–	3	3064
NITROGLYCERIN SOLUTION IN ALCOHOL with more than 1% but not more than 10% nitroglycerin	–	1.1D	0144
NITROGLYCERIN SOLUTION IN ALCOHOL with not more than 1% nitroglycerin	–	3	1204
NITROGUANIDINE, dry or wetted with less than 20% water, by mass	–	1.1D	0282
NITROGUANIDINE, WETTED with not less than 20% water, by mass	–	4.1	1336
NITROHYDROCHLORIC ACID	–	8	1798
NITROMANNITE, WETTED with not less than 40% water, or mixture of alcohol and water, by mass	–	1.1D	0133
NITROMETHANE	–	3	1261
Nitromuriatic acid, see	–	8	1798
NITRONAPHTHALENE	–	4.1	2538
NITROPHENOLS (<i>o</i> -, <i>m</i> -, <i>p</i> -)	–	6.1	1663
4-NITROPHENYLHYDRAZINE with not less than 30% water, by mass	–	4.1	3376
NITROPROPANES	–	3	2608
<i>p</i> -NITROSODIMETHYLANILINE	–	4.2	1369
4-Nitrosophenol (concentration 100%), see	–	4.1	3236
NITROSTARCH, dry or wetted, with less than 20% water, by mass	–	1.1D	0146
NITROSTARCH, WETTED with not less than 20% water, by mass	–	4.1	1337
NITROSYL CHLORIDE	–	2.3	1069
NITROSYLSULPHURIC ACID, LIQUID	–	8	2308
NITROSYLSULPHURIC ACID, SOLID	–	8	3456
NITROTOLUENES, LIQUID	–	6.1	1664
NITROTOLUENES, SOLID	–	6.1	3446
NITROTOLUIDINES (MONO)	–	6.1	2660
NITROTRIAZOLONE	–	1.1D	0490
Nitrotrichloromethane, see	–	6.1	1580
NITRO UREA	–	1.1D	0147
Nitrous ether solution, see	–	3	1194

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Substance, material or article	MP	Class	UN No.
NITROUS OXIDE	–	2.2	1070
NITROUS OXIDE, REFRIGERATED LIQUID	–	2.2	2201
NITROXYLENES, LIQUID	–	6.1	1665
NITROXYLENES, SOLID	–	6.1	3447
Non-activated carbon, see	–	4.2	1361
Non-activated charcoal, see	–	4.2	1361
NONANES	P	3	1920
Nonylphenol, see	P	8	3145
NONYLTRICHLOROSILANE	–	8	1799
Norbormide, see PESTICIDE, N.O.S.	–	–	–
2,5-NORBORNADIENE, STABILIZED	–	3	2251
NTO	–	1.1D	0490
OCTADECYLTRICHLOROSILANE	–	8	1800
OCTADIENE	–	3	2309
OCTAFLUOROBUT-2-ENE	–	2.2	2422
Octafluoro-2-butene, see	–	2.2	2422
OCTAFLUOROCYCLOBUTANE	–	2.2	1976
OCTAFLUOROPROPANE	–	2.2	2424
Octaldehyde, see	–	3	1191
OCTANES	P	3	1262
3-Octanone, see	–	3	2271
OCTOGEN, DESENSITIZED	–	1.1D	0484
OCTOGEN, WETTED with not less than 15% water, by mass	–	1.1D	0226
OCTOL, dry or wetted with less than 15% water, by mass	–	1.1D	0266
OCTOLITE, dry or wetted with less than 15% water, by mass	–	1.1D	0266
OCTONAL	–	1.1D	0496
OCTYL ALDEHYDES	–	3	1191
<i>tert</i> -Octyl mercaptan, see	–	6.1	3023
OCTYLTRICHLOROSILANE	–	8	1801
Oenanthol, see	–	3	3056
Oil cake, see	–	4.2	1386
OIL GAS, COMPRESSED	–	2.3	1071
Oleum, see	–	8	1831
Oleylamine, see Note 1	P	–	–
Omethoate, see ORGANOPHOSPHORUS PESTICIDE	–	–	–
Organic peroxide, liquid, sample, see	–	5.2	3103
Organic peroxide, liquid, sample, temperature controlled, see	–	5.2	3113
Organic peroxide, solid, sample, see	–	5.2	3104
Organic peroxide, solid, sample, temperature controlled, see	–	5.2	3114
ORGANIC PEROXIDE TYPE B, LIQUID	–	5.2	3101
ORGANIC PEROXIDE TYPE B, LIQUID, TEMPERATURE CONTROLLED	–	5.2	3111

Substance, material or article	MP	Class	UN No.
ORGANIC PEROXIDE TYPE B, SOLID	–	5.2	3102
ORGANIC PEROXIDE TYPE B, SOLID, TEMPERATURE CONTROLLED	–	5.2	3112
ORGANIC PEROXIDE TYPE C, LIQUID	–	5.2	3103
ORGANIC PEROXIDE TYPE C, LIQUID, TEMPERATURE CONTROLLED	–	5.2	3113
ORGANIC PEROXIDE TYPE C, SOLID	–	5.2	3104
ORGANIC PEROXIDE TYPE C, SOLID, TEMPERATURE CONTROLLED	–	5.2	3114
ORGANIC PEROXIDE TYPE D, LIQUID	–	5.2	3105
ORGANIC PEROXIDE TYPE D, LIQUID, TEMPERATURE CONTROLLED	–	5.2	3115
ORGANIC PEROXIDE TYPE D, SOLID	–	5.2	3106
ORGANIC PEROXIDE TYPE D, SOLID, TEMPERATURE CONTROLLED	–	5.2	3116
ORGANIC PEROXIDE TYPE E, LIQUID	–	5.2	3107
ORGANIC PEROXIDE TYPE E, LIQUID, TEMPERATURE CONTROLLED	–	5.2	3117
ORGANIC PEROXIDE TYPE E, SOLID	–	5.2	3108
ORGANIC PEROXIDE TYPE E, SOLID, TEMPERATURE CONTROLLED	–	5.2	3118
ORGANIC PEROXIDE TYPE F, LIQUID	–	5.2	3109
ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED	–	5.2	3119
ORGANIC PEROXIDE TYPE F, SOLID	–	5.2	3110
ORGANIC PEROXIDE TYPE F, SOLID, TEMPERATURE CONTROLLED	–	5.2	3120
ORGANIC PIGMENTS, SELF-HEATING	–	4.2	3313
ORGANOARSENIC COMPOUND, LIQUID, N.O.S.	–	6.1	3280
ORGANOARSENIC COMPOUND, SOLID, N.O.S.	–	6.1	3465
ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	–	3	2762
ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	–	6.1	2996
ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	–	6.1	2995
ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	–	6.1	2761
Organometallic compound dispersion, water-reactive, flammable, see	–	4.3	3399
Organometallic compound solid, water-reactive, flammable, see	–	4.3	3396
Organometallic compound solution, water-reactive, flammable, see	–	4.3	3399
ORGANOMETALLIC COMPOUND, LIQUID, TOXIC, N.O.S.	–	6.1	3282
ORGANOMETALLIC COMPOUND, SOLID, TOXIC, N.O.S.	–	6.1	3467
ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC	–	4.2	3392
ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATER-REACTIVE	–	4.2	3394
ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE	–	4.3	3398
ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE	–	4.3	3399
ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC	–	4.2	3391
ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC, WATER-REACTIVE	–	4.2	3393
ORGANOMETALLIC SUBSTANCE, SOLID, SELF-HEATING	–	4.2	3400
ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE	–	4.3	3395

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Substance, material or article	MP	Class	UN No.
ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, FLAMMABLE	–	4.3	3396
ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, SELF-HEATING	–	4.3	3397
ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S.	–	6.1	3279
ORGANOPHOSPHORUS COMPOUND, LIQUID, TOXIC, N.O.S.	–	6.1	3278
ORGANOPHOSPHORUS COMPOUND, SOLID, TOXIC, N.O.S.	–	6.1	3464
ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	–	3	2784
ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	–	6.1	3018
ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	–	6.1	3017
ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	–	6.1	2783
ORGANOTIN COMPOUND, LIQUID, N.O.S.	P	6.1	2788
ORGANOTIN COMPOUND, SOLID, N.O.S.	P	6.1	3146
Organotin compounds (pesticides), see ORGANOTIN PESTICIDE	P	–	–
ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	P	3	2787
ORGANOTIN PESTICIDE, LIQUID, TOXIC	P	6.1	3020
ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	P	6.1	3019
ORGANOTIN PESTICIDE, SOLID, TOXIC	P	6.1	2786
Orthoarsenic acid, see	–	6.1	1553
Orthophosphoric acid, liquid, see	–	8	1805
Orthophosphoric acid, solid, see	–	8	3453
OSMIUM TETROXIDE	P	6.1	2471
Oxamyl, see CARBAMATE PESTICIDE	P	–	–
OXIDIZING LIQUID, CORROSIVE, N.O.S.	–	5.1	3098
OXIDIZING LIQUID, N.O.S.	–	5.1	3139
OXIDIZING LIQUID, TOXIC, N.O.S.	–	5.1	3099
OXIDIZING SOLID, CORROSIVE, N.O.S.	–	5.1	3085
OXIDIZING SOLID, FLAMMABLE, N.O.S.	–	5.1	3137
OXIDIZING SOLID, N.O.S.	–	5.1	1479
OXIDIZING SOLID, SELF-HEATING, N.O.S.	–	5.1	3100
OXIDIZING SOLID, TOXIC, N.O.S.	–	5.1	3087
OXIDIZING SOLID, WATER-REACTIVE, N.O.S.	–	5.1	3121
Oxirane, see	–	2.3	1040
Oxirane with nitrogen up to a total pressure of 1 MPa (10 bar) at 50°C	–	2.3	1040
Oxydemeton-methyl, see ORGANOPHOSPHORUS PESTICIDE	–	–	–
Oxydisulfoton, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
OXYGEN, COMPRESSED	–	2.2	1072
OXYGEN DIFLUORIDE, COMPRESSED	–	2.3	2190
Oxygen fluoride, compressed, see	–	2.3	2190
OXYGEN GENERATOR, CHEMICAL	–	5.1	3356
OXYGEN, REFRIGERATED LIQUID	–	2.2	1073

Substance, material or article	MP	Class	UN No.
1-Oxy-4-nitrobenzene, see	–	6.1	1662
PACKAGINGS, DISCARDED, EMPTY, UNCLEARED	–	9	3509
PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)	–	3	1263
PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)	–	8	3066
PAINT, CORROSIVE, FLAMMABLE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)	–	8	3470
PAINT, FLAMMABLE, CORROSIVE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)	–	3	3469
PAINT RELATED MATERIAL (including paint thinning or reducing compound)	–	3	1263
PAINT RELATED MATERIAL (including paint thinning or reducing compound)	–	8	3066
PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE (including paint thinning or reducing compound)	–	8	3470
PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint thinning or reducing compound)	–	3	3469
PAPER, UNSATURATED OIL TREATED, incompletely dried (including carbon paper)	–	4.2	1379
Para-acetaldehyde, see	–	3	1264
PARAFORMALDEHYDE	–	4.1	2213
PARALDEHYDE	–	3	1264
Paraoxon, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
Paraquat, see BIPYRIDILIUM PESTICIDE	–	–	–
Parathion, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
Parathion-methyl, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
PCBs, liquid, see	P	9	2315
PCBs, solid, see	P	9	3432
PENTABORANE	–	4.2	1380
PENTACHLOROETHANE	P	6.1	1669
PENTACHLOROPHENOL	P	6.1	3155
Pentachlorophenol, see ORGANOCHLORINE PESTICIDE	P	–	–
PENTAERYTHRITATE TETRANITRATE, DESENSITIZED with not less than 15% phlegmatizer, by mass	–	1.1D	0150
PENTAERYTHRITATE TETRANITRATE MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass	–	4.1	3344
PENTAERYTHRITATE TETRANITRATE, WETTED with not less than 25% water, by mass	–	1.1D	0150
PENTAERYTHRITATE TETRANITRATE with not less than 7% wax, by mass	–	1.1D	0411
PENTAERYTHRITOL TETRANITRATE, DESENSITIZED with not less than 15% phlegmatizer, by mass	–	1.1D	0150
PENTAERYTHRITOL TETRANITRATE MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass	–	4.1	3344

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Substance, material or article	MP	Class	UN No.
PENTAERYTHRITOL TETRANITRATE, WETTED with not less than 25% water, by mass	–	1.1D	0150
PENTAERYTHRITOL TETRANITRATE with not less than 7% wax, by mass	–	1.1D	0411
PENTAFLUOROETHANE	–	2.2	3220
Pentafluoroethoxytrifluoroethylene, see	–	2.1	3154
Pentafluoroethyl trifluorovinyl ether, see	–	2.1	3154
Pentalin, see	P	6.1	1669
Pentamethylene, see	–	3	1146
PENTAMETHYLHEPTANE	–	3	2286
3,3,5,7,7-Pentamethyl-1,2,4-trioxepane (concentration ≤ 100%)	–	5.2	3107
Pentanals, see	–	3	2058
Pentane, see	–	3	1265
PENTANE-2,4-DIONE	–	3	2310
2,4-Pentanedione, see	–	3	2310
PENTANES, liquid	–	3	1265
Pentanethiols, see	–	3	1111
PENTANOLS	–	3	1105
2-Pentanone, see	–	3	1249
3-Pentanone, see	–	3	1156
1-PENTENE	–	3	1108
1-PENTOL	–	8	2705
PENTOLITE, dry or wetted with less than 15% water, by mass	–	1.1D	0151
Pentylamines, see	–	3	1106
<i>n</i> -Pentylbenzene, see Note 1	P	–	–
Pentyl butanoates, see	–	3	2620
Pentyl butyrates, see	–	3	2620
Pentyl formates, see	–	3	1109
Pentyl nitrates, see	–	3	1112
Pentyl nitrite, see	–	3	1113
PERCHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	–	5.1	3211
PERCHLORATES, INORGANIC, N.O.S.	–	5.1	1481
PERCHLORIC ACID with more than 50% but not more than 72% acid, by mass	–	5.1	1873
PERCHLORIC ACID, with more than 72% acid by mass (transport prohibited)	–	–	–
PERCHLORIC ACID with not more than 50% acid, by mass	–	8	1802
Perchlorobenzene, see	–	6.1	2729
Perchlorocyclopentadiene, see	–	6.1	2646
Perchloroethylene, see	P	6.1	1897
PERCHLOROMETHYL MERCAPTAN	P	6.1	1670
PERCHLORYL FLUORIDE	–	2.3	3083
Perfluoroacetyl chloride, see	–	2.3	3057
Perfluoro-2-butene, see	–	2.2	2422

Substance, material or article	MP	Class	UN No.
PERFLUORO(ETHYL VINYL ETHER)	–	2.1	3154
PERFLUORO(METHYL VINYL ETHER)	–	2.1	3153
Perfluoropropane, <i>see</i>	–	2.2	2424
PERFUMERY PRODUCTS with flammable liquid	–	3	1266
PERMANGANATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	–	5.1	3214
PERMANGANATES, INORGANIC, N.O.S.	–	5.1	1482
PEROXIDES, INORGANIC, N.O.S.	–	5.1	1483
Peroxyacetic acid and hydrogen peroxide mixture, <i>see</i>	–	5.1	3149
Peroxyacetic acid, Type D (concentration $\leq 43\%$), stabilized, <i>see</i>	–	5.2	3105
Peroxyacetic acid, Type E (concentration $\leq 43\%$), stabilized, <i>see</i>	–	5.2	3107
Peroxyacetic acid, Type F (concentration $\leq 43\%$), stabilized, <i>see</i>	–	5.2	3109
Peroxylauric acid (concentration $\leq 100\%$), <i>see</i>	–	5.2	3118
PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	–	5.1	3216
PERSULPHATES, INORGANIC, N.O.S.	–	5.1	3215
PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S. flashpoint less than 23°C	–	3	3021
PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S. flashpoint not less than 23°C	–	6.1	2903
PESTICIDE, LIQUID, TOXIC, N.O.S.	–	6.1	2902
PESTICIDE, SOLID, TOXIC, N.O.S.	–	6.1	2588
PETN, DESENSITIZED with not less than 15% phlegmatizer, by mass	–	1.1D	0150
PETN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass	–	4.1	3344
PETN/TNT, <i>see</i>	–	1.1D	0151
PETN, WETTED with not less than 25% water, by mass	–	1.1D	0150
PETN with not less than 7% wax, by mass	–	1.1D	0411
PETROL	–	3	1203
PETROLEUM CRUDE OIL	–	3	1267
PETROLEUM DISTILLATES, N.O.S.	–	3	1268
Petroleum ether, <i>see</i>	–	3	1268
PETROLEUM GASES, LIQUEFIED	–	2.1	1075
Petroleum naphtha, <i>see</i>	–	3	1268
Petroleum oil, <i>see</i>	–	3	1268
PETROLEUM PRODUCTS, N.O.S.	–	3	1268
Petroleum raffinate, <i>see</i>	–	3	1268
PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	–	3	3494
Petroleum spirit, <i>see</i> PETROLEUM DISTILLATES, N.O.S. <i>or</i> PETROLEUM PRODUCTS, N.O.S.	–	–	–
PHENACYL BROMIDE	–	6.1	2645
Phenarsazine chloride, <i>see</i>	P	6.1	1698
PHENETIDINES	–	6.1	2311
Phenkapton, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
PHENOLATES, LIQUID	–	8	2904
PHENOLATES, SOLID	–	8	2905

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PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC	–	6.1	3348
PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	–	6.1	3347
PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	–	6.1	3345
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Phenyltrifluoromethane, <i>see</i>	–	3	2338
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Phosfolan, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
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PHOSPHORUS PENTASULPHIDE, free from yellow or white phosphorus	–	4.3	1340
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Substance, material or article	MP	Class	UN No.
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POLYMERIZING SUBSTANCE, SOLID, STABILIZED, N.O.S.	–	4.1	3531
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POTASSIUM PEROXIDE	–	5.1	1491
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PROJECTILES with bursting charge	–	1.4D	0344
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RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), FISSILE	–	7	3325
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), non fissile or fissile-excepted	–	7	2912
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), non fissile or fissile-excepted	–	7	3321
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RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), FISSILE	–	7	3326
RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I, SCO-II or SCO-III), non fissile or fissile-excepted	–	7	2913
RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, FISSILE	–	7	3331
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RADIOACTIVE MATERIAL, TYPE A PACKAGE, non-special form, non fissile or fissile-excepted	–	7	2915
RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, FISSILE	–	7	3333
RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, non fissile or fissile-excepted	–	7	3332
RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, FISSILE	–	7	3329
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RADIOACTIVE MATERIAL TYPE B(U) PACKAGE, FISSILE	–	7	3328
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Radionuclides (A_1 and A_2 values for), see 2.7.2.2	–	–	–
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RDX AND CYCLOTETRAMETHYLENETETRANITRAMINE MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	–	1.1D	0391
RDX AND CYCLOTETRAMETHYLENETETRANITRAMINE MIXTURE, WETTED with not less than 15% water, by mass	–	1.1D	0391
RDX AND HMX MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	–	1.1D	0391
RDX AND HMX MIXTURE, WETTED with not less than 15% water, by mass	–	1.1D	0391
RDX AND OCTOGEN MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	–	1.1D	0391
RDX AND OCTOGEN MIXTURE, WETTED with not less than 15% water, by mass	–	1.1D	0391
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RDX/TNT, see	–	1.1D	0118
RDX/TNT/aluminium, see	–	1.1D	0393
RDX, WETTED with not less than 15% water, by mass	–	1.1D	0072
RECEPTACLES, SMALL, CONTAINING GAS without a release device, non refillable	–	2	2037
Red phosphorus, see	–	4.1	1338
REFRIGERANT GAS, N.O.S.	–	2.2	1078
REFRIGERANT GAS R 12	–	2.2	1028
REFRIGERANT GAS R 12B1	–	2.2	1974
REFRIGERANT GAS R 13	–	2.2	1022
REFRIGERANT GAS R 13B1	–	2.2	1009
REFRIGERANT GAS R 14	–	2.2	1982

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REFRIGERANT GAS R 22	–	2.2	1018
REFRIGERANT GAS R 23	–	2.2	1984
REFRIGERANT GAS R 32	–	2.1	3252
REFRIGERANT GAS R 40	–	2.1	1063
REFRIGERANT GAS R 41	–	2.1	2454
REFRIGERANT GAS R 114	–	2.2	1958
REFRIGERANT GAS R 115	–	2.2	1020
REFRIGERANT GAS R 116	–	2.2	2193
REFRIGERANT GAS R 124	–	2.2	1021
REFRIGERANT GAS R 125	–	2.2	3220
REFRIGERANT GAS R 133a	–	2.2	1983
REFRIGERANT GAS R 134a	–	2.2	3159
REFRIGERANT GAS R 142b	–	2.1	2517
REFRIGERANT GAS R 143a	–	2.1	2035
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REFRIGERANT GAS R 161	–	2.1	2453
REFRIGERANT GAS R 218	–	2.2	2424
REFRIGERANT GAS R 227	–	2.2	3296
REFRIGERANT GAS R 404A	–	2.2	3337
REFRIGERANT GAS R 407A	–	2.2	3338
REFRIGERANT GAS R 407B	–	2.2	3339
REFRIGERANT GAS R 407C	–	2.2	3340
REFRIGERANT GAS R 500	–	2.2	2602
REFRIGERANT GAS R 502	–	2.2	1973
REFRIGERANT GAS R 503	–	2.2	2599
REFRIGERANT GAS R 1113	–	2.3	1082
REFRIGERANT GAS R 1132a	–	2.1	1959
REFRIGERANT GAS R 1216	–	2.2	1858
REFRIGERANT GAS R 1318	–	2.2	2422
REFRIGERANT GAS RC 318	–	2.2	1976
REFRIGERATING MACHINES containing flammable, non-toxic, liquefied gas	–	2.1	3358
REFRIGERATING MACHINES containing non-flammable, non-toxic, gases or ammonia solution (UN 2672)	–	2.2	2857
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ROCKET MOTORS, LIQUID FUELLED	–	1.3J	0396
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ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge	–	1.3L	0250
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ROCKETS, LINE-THROWING	–	1.3G	0240
ROCKETS, LINE-THROWING	–	1.4G	0453
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SELF-REACTIVE SOLID TYPE D, TEMPERATURE CONTROLLED	–	4.1	3236
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SELF-REACTIVE SOLID TYPE E, TEMPERATURE CONTROLLED	–	4.1	3238
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SELF-REACTIVE SOLID TYPE F, TEMPERATURE CONTROLLED	–	4.1	3240
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SODIUM DINITRO- <i>o</i> -CRESOLATE, WETTED with not less than 10% water, by mass	P	4.1	3369
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Substance, material or article	MP	Class	UN No.
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TITANIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (b) chemically produced, particle size less than 840 microns	–	4.1	1352
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Tolylene diisocyanate, see	–	6.1	2078
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TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an LC ₅₀ lower than or equal to 1,000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	–	6.1	3390
TOXIC BY INHALATION LIQUID, FLAMMABLE, CORROSIVE, N.O.S. with an LC ₅₀ lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	–	6.1	3488
TOXIC BY INHALATION LIQUID, FLAMMABLE, CORROSIVE, N.O.S. with an LC ₅₀ lower than or equal to 1,000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	–	6.1	3489
TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an LC ₅₀ lower than or equal to 1,000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	–	6.1	3384
TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an LC ₅₀ lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	–	6.1	3383
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TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S. with an LC ₅₀ lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	–	6.1	3387
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TOXIC BY INHALATION LIQUID, WATER-REACTIVE, FLAMMABLE, N.O.S. with an LC ₅₀ lower than or equal to 1,000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	–	6.1	3491

Substance, material or article	MP	Class	UN No.
TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. with an LC ₅₀ lower than or equal to 1,000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	–	6.1	3386
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TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.	–	6.1	2930
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TRACERS FOR AMMUNITION	–	1.4G	0306
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Trifluoromethane and chlorotrifluoromethane azeotropic mixture, see CHLOROTRIFLUOROMETHANE AND TRIFLUOROMETHANE AZEOTROPIC MIXTURE	–	–	–
TRIFLUOROMETHANE, REFRIGERATED LIQUID	–	2.2	3136
Trifluoromethoxytrifluoroethylene, see	–	2.1	3153
2-TRIFLUOROMETHYLANILINE	–	6.1	2942
3-TRIFLUOROMETHYLANILINE	–	6.1	2948
Trifluoromethylbenzene, see	–	3	2338
Trifluoromethylphenyl isocyanates, see	–	6.1	2285
Trifluoromethyl trifluorovinyl ether, see	–	2.1	3153
Trifluoromonochloroethylene, stabilized, see	–	2.3	1082
TRIISOBUTYLENE	–	3	2324
Triisopropylated phenyl phosphates, see	P	9	3077
TRIISOPROPYL BORATE	–	3	2616
TRIMETHYLACETYL CHLORIDE	–	6.1	2438
TRIMETHYLAMINE, ANHYDROUS	–	2.1	1083
TRIMETHYLAMINE, AQUEOUS SOLUTION, not more than 50% trimethylamine, by mass	–	3	1297
1,3,5-TRIMETHYLBENZENE	P	3	2325
TRIMETHYL BORATE	–	3	2416
Trimethyl carbinol, see	–	3	1120
TRIMETHYLCHLOROSILANE	–	3	1298
TRIMETHYLCYCLOHEXYLAMINE	–	8	2326
Trimethylene chlorobromide, see	–	6.1	2688
Trimethylene chlorohydrin, see	–	6.1	2849
Trimethylene dichloride, see	–	3	1993
Trimethylgallium, see	–	4.2	3394
TRIMETHYLHEXAMETHYLENEDIAMINES	–	8	2327
TRIMETHYLHEXAMETHYLENE DIISOCYANATE	–	6.1	2328
2,2,4-Trimethylpentane, see	P	3	1262
2,4,4-Trimethylpentene-1, see	–	3	2050
2,4,4-Trimethylpentene-2, see	–	3	2050
TRIMETHYL PHOSPHITE	–	3	2329
2,4,6-Trimethyl-1,3,5-trioxane, see	–	3	1264
TRINITROANILINE	–	1.1D	0153
TRINITROANISOLE	–	1.1D	0213
TRINITROBENZENE, dry or wetted with less than 30% water, by mass	–	1.1D	0214
TRINITROBENZENESULPHONIC ACID	–	1.1D	0386

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Substance, material or article	MP	Class	UN No.
TRINITROBENZENE, WETTED with not less than 10% water, by mass	–	4.1	3367
TRINITROBENZENE, WETTED with not less than 30% water, by mass	–	4.1	1354
TRINITROBENZOIC ACID, dry or wetted with less than 30% water, by mass	–	1.1D	0215
TRINITROBENZOIC ACID, WETTED with not less than 10% water, by mass	–	4.1	3368
TRINITROBENZOIC ACID, WETTED with not less than 30% water, by mass	–	4.1	1355
TRINITROCHLOROGENIC ACID	–	1.1D	0155
TRINITROCHLOROGENIC ACID, WETTED with not less than 10% water, by mass	–	4.1	3365
TRINITRO- <i>m</i> -CRESOL	–	1.1D	0216
TRINITROFLUORENONE	–	1.1D	0387
TRINITRONAPHTHALENE	–	1.1D	0217
TRINITROPHENETOLE	–	1.1D	0218
TRINITROPHENOL, dry or wetted with less than 30% water, by mass	–	1.1D	0154
TRINITROPHENOL, WETTED with not less than 10% water, by mass	–	4.1	3364
TRINITROPHENOL, WETTED with not less than 30% water, by mass	–	4.1	1344
TRINITROPHENYLMETHYLNITRAMINE	–	1.1D	0208
TRINITRORESORCINOL, dry or wetted with less than 20% water, or mixture of alcohol and water, by mass	–	1.1D	0219
TRINITRORESORCINOL, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	–	1.1D	0394
TRINITROTOLUENE AND HEXANITROSTILBENE MIXTURE	–	1.1D	0388
TRINITROTOLUENE AND TRINITROBENZENE MIXTURE	–	1.1D	0388
TRINITROTOLUENE, dry or wetted with less than 30% water, by mass	–	1.1D	0209
TRINITROTOLUENE MIXTURE CONTAINING TRINITROBENZENE AND HEXANITROSTILBENE	–	1.1D	0389
TRINITROTOLUENE, WETTED with not less than 10% water, by mass	–	4.1	3366
TRINITROTOLUENE, WETTED with not less than 30% water, by mass	–	4.1	1356
Trinitrotoluol, wetted with not less than 10% water by mass, see	–	4.1	3366
Trinitrotoluol, wetted with not less than 30% water by mass, see	–	4.1	1356
Triphenyl phosphate, see	P	9	3077
Triphenyl phosphate/ <i>tert</i> -butylated triphenyl phosphates mixtures containing 5% to 10% of triphenyl phosphate, see Note 1	P	–	–
Triphenyl phosphate/ <i>tert</i> -butylated triphenyl phosphates mixtures containing 10% to 48% of triphenyl phosphate, see Note 1	P	–	–
Triphenyltin compounds (other than Fentin acetate and Fentin hydroxide), see ORGANOTIN PESTICIDE	P	–	–
TRIPROPYLAMINE	–	3	2260
TRIPROPYLENE	P	3	2057
TRIS-(1-AZIRIDINYL)PHOSPHINE OXIDE SOLUTION	–	6.1	2501
Tritolyl phosphate, see	P	6.1	2574
TRITONAL	–	1.1D	0390
Trixylenyl phosphate, see	P	9	3082
Tropilidene, see	–	3	2603

Substance, material or article	MP	Class	UN No.
TUNGSTEN HEXAFLUORIDE	–	2.3	2196
TURPENTINE	P	3	1299
TURPENTINE SUBSTITUTE	–	3	1300
UNDECANE	–	3	2330
Uranium hexafluoride, fissile, see	–	7	2977
Uranium hexafluoride, non fissile or fissile-excepted, see	–	7	2978
URANIUM HEXAFLUORIDE, RADIOACTIVE MATERIAL, EXCEPTED PACKAGE, less than 0.1 kg per package, non-fissile or fissile-excepted	–	6.1	3507
UREA HYDROGEN PEROXIDE	–	5.1	1511
UREA NITRATE, dry or wetted, with less than 20% water, by mass	–	1.1D	0220
UREA NITRATE, WETTED with not less than 10% water, by mass	–	4.1	3370
UREA NITRATE, WETTED with not less than 20% water, by mass	–	4.1	1357
Urotropine, see	–	4.1	1328
Valeral, see	–	3	2058
VALERALDEHYDE	–	3	2058
Valeric aldehyde(s), see	–	3	2058
VALERYL CHLORIDE	–	8	2502
Vamidothion, see ORGANOPHOSPHORUS PESTICIDE	–	–	–
VANADIUM COMPOUND, N.O.S.	–	6.1	3285
Vanadium(IV) oxide sulphate	–	6.1	2931
Vanadium oxysulphate, see	–	6.1	2931
VANADIUM OXYTRICHLORIDE	–	8	2443
VANADIUM PENTOXIDE, non-fused form	–	6.1	2862
VANADIUM TETRACHLORIDE	–	8	2444
VANADIUM TRICHLORIDE	–	8	2475
VANADYL SULPHATE	–	6.1	2931
Varnish, see PAINT	–	–	–
Vegetable fabrics, oily, see	–	4.2	1373
Vegetable fibres, burnt, see	–	4.2	1372
Vegetable fibres, damp, see	–	4.2	1372
Vegetable fibres, dry, see	–	4.1	3360
Vegetable fibres, oily, see	–	4.2	1373
Vegetable fibres, wet, see	–	4.2	1372
VEHICLE, FLAMMABLE GAS POWERED	–	9	3166
VEHICLE, FLAMMABLE LIQUID POWERED	–	9	3166
VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED	–	9	3166
VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED	–	9	3166
VINYL ACETATE, STABILIZED	–	3	1301
Vinylbenzene, stabilized, see	–	3	2055
VINYL BROMIDE, STABILIZED	–	2.1	1085
Vinyl <i>normal</i> -butyl ether, stabilized, see	–	3	2352

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Substance, material or article	MP	Class	UN No.
VINYL BUTYRATE, STABILIZED	–	3	2838
VINYL CHLORIDE, STABILIZED	–	2.1	1086
VINYL CHLOROACETATE	–	6.1	2589
Vinyl cyanide, stabilized, see	–	3	1093
Vinyl ether, stabilized, see	–	3	1167
VINYL ETHYL ETHER, STABILIZED	–	3	1302
VINYL FLUORIDE, STABILIZED	–	2.1	1860
VINYLDENE CHLORIDE, STABILIZED	P	3	1303
Vinylidene fluoride, see	–	2.1	1959
VINYL ISOBUTYL ETHER, STABILIZED	–	3	1304
VINYL METHYL ETHER, STABILIZED	–	2.1	1087
VINYLPYRIDINES, STABILIZED	–	6.1	3073
VINYLTOLUENES, STABILIZED	–	3	2618
VINYLTRICHLOROSILANE	–	3	1305
Warfarin (and salts of), see COUMARIN DERIVATIVE PESTICIDE	P	–	–
Warheads for guided missiles, see WARHEADS, ROCKET	–	–	–
WARHEADS, ROCKET with burster or expelling charge	–	1.4D	0370
WARHEADS, ROCKET with burster or expelling charge	–	1.4F	0371
WARHEADS, ROCKET with bursting charge	–	1.1D	0286
WARHEADS, ROCKET with bursting charge	–	1.1F	0369
WARHEADS, ROCKET with bursting charge	–	1.2D	0287
WARHEADS, TORPEDO with bursting charge	–	1.1D	0221
Water-activated contrivances, see CONTRIVANCES, WATER-ACTIVATED	–	–	–
Water gels, see EXPLOSIVE, BLASTING, TYPE E	–	–	–
WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.	–	4.3	3129
WATER-REACTIVE LIQUID, N.O.S.	–	4.3	3148
WATER-REACTIVE LIQUID, TOXIC, N.O.S.	–	4.3	3130
WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	–	4.3	3131
WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.	–	4.3	3132
WATER-REACTIVE SOLID, N.O.S.	–	4.3	2813
WATER-REACTIVE SOLID, OXIDIZING, N.O.S.	–	4.3	3133
WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.	–	4.3	3135
WATER-REACTIVE SOLID, TOXIC, N.O.S.	–	4.3	3134
White arsenic, see	–	6.1	1561
White phosphorus, dry, see	P	4.2	1381
White phosphorus, wet, see	P	4.2	1381
White spirit, see	P	3	1300
White spirit, low (15–20%) aromatic, see	P	3	1300
WOOD PRESERVATIVES, LIQUID	–	3	1306
Wood tar, see	P	9	3082
WOOL WASTE, WET	–	4.2	1387

Substance, material or article	MP	Class	UN No.
XANTHATES	–	4.2	3342
XENON	–	2.2	2036
XENON, REFRIGERATED LIQUID	–	2.2	2591
XYLENES	–	3	1307
XYLENOLS, LIQUID	–	6.1	3430
XYLENOLS, SOLID	–	6.1	2261
XYLIDINES, LIQUID	–	6.1	1711
XYLIDINES, SOLID	–	6.1	3452
Xylols, see	–	3	1307
XYLYL BROMIDE, LIQUID	–	6.1	1701
XYLYL BROMIDE, SOLID	–	6.1	3417
Yellow phosphorus, dry, see	P	4.2	1381
Yellow phosphorus, wet, see	P	4.2	1381
ZINC AMMONIUM NITRITE (transport prohibited)	–	5.1	1512
ZINC ARSENATE	–	6.1	1712
ZINC ARSENATE AND ZINC ARSENITE MIXTURE	–	6.1	1712
ZINC ARSENITE	–	6.1	1712
ZINC ASHES	–	4.3	1435
Zinc bisulphite solution, see	–	8	2693
ZINC BROMATE	–	5.1	2469
Zinc bromide, see	P	9	3077
ZINC CHLORATE	–	5.1	1513
ZINC CHLORIDE, ANHYDROUS	P	8	2331
ZINC CHLORIDE SOLUTION	P	8	1840
ZINC CYANIDE	P	6.1	1713
ZINC DITHIONITE	–	9	1931
ZINC DUST	–	4.3	1436
Zinc dust, pyrophoric, see	–	4.2	1383
ZINC FLUOROSILICATE	–	6.1	2855
Zinc hexafluorosilicate, see	–	6.1	2855
ZINC HYDROSULPHITE	–	9	1931
ZINC NITRATE	–	5.1	1514
ZINC PERMANGANATE	–	5.1	1515
ZINC PEROXIDE	–	5.1	1516
ZINC PHOSPHIDE	–	4.3	1714
ZINC POWDER	–	4.3	1436
Zinc powder, pyrophoric, see	–	4.2	1383
ZINC RESINATE	–	4.1	2714
Zinc silicofluoride, see	–	6.1	2855
ZIRCONIUM, DRY, coiled wire, finished metal sheets, strip (thinner than 254 microns but not thinner than 18 microns)	–	4.1	2858

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Substance, material or article	MP	Class	UN No.
ZIRCONIUM, DRY, finished sheets, strip or coiled wire	–	4.2	2009
ZIRCONIUM HYDRIDE	–	4.1	1437
ZIRCONIUM NITRATE	–	5.1	2728
ZIRCONIUM PICRAMATE, dry or wetted with less than 20% water, by mass	–	1.3C	0236
ZIRCONIUM PICRAMATE, WETTED with not less than 20% water, by mass	–	4.1	1517
ZIRCONIUM POWDER, DRY	–	4.2	2008
ZIRCONIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns	–	4.1	1358
ZIRCONIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (b) chemically produced, particle size less than 840 microns	–	4.1	1358
ZIRCONIUM SCRAP	–	4.2	1932
ZIRCONIUM, SUSPENDED IN A FLAMMABLE LIQUID	–	3	1308
ZIRCONIUM TETRACHLORIDE	–	8	2503

