

**7.2.3.3** Where the provisions of this Code indicate a single secondary hazard (one subsidiary hazard label), the segregation provisions applicable to that hazard shall take precedence where they are more stringent than those of the primary hazard. The segregation provisions corresponding to a subsidiary hazard of class 1 are those for class 1 division 1.3.

**7.2.3.4** The segregation provisions for substances, materials or articles having more than two hazards (two or more subsidiary hazard labels) are given in column 16b of the Dangerous Goods List.

For example:

In the Dangerous Goods List entry for BROMINE CHLORIDE, class 2.3, UN 2901, subsidiary hazards 5.1 and 8, the following particular segregation is specified:

“SG6 (segregation as for class 5.1), and SG19 (stow “separated from” class 7).”

## 7.2.4 Segregation table

The general provisions for segregation between the various classes of dangerous goods are shown in the “segregation table” given below.

Since the properties of substances, materials or articles within each class may vary greatly, the Dangerous Goods List shall always be consulted for particular provisions for segregation as, in the case of conflicting provisions, these take precedence over the general provisions.

Segregation shall also take account of a single subsidiary hazard label.

CLASS	1.1 1.2 1.5	1.3 1.6	1.4	2.1	2.2	2.3	3	4.1	4.2	4.3	5.1	5.2	6.1	6.2	7	8	9
Explosives 1.1, 1.2, 1.5	*	*	*	4	2	2	4	4	4	4	4	4	2	4	2	4	X
Explosives 1.3, 1.6	*	*	*	4	2	2	4	3	3	4	4	4	2	4	2	2	X
Explosives 1.4	*	*	*	2	1	1	2	2	2	2	2	2	X	4	2	2	X
Flammable gases 2.1	4	4	2	X	X	X	2	1	2	2	2	2	X	4	2	1	X
Non-toxic, non-flammable gases 2.2	2	2	1	X	X	X	1	X	1	X	X	1	X	2	1	X	X
Toxic gases 2.3	2	2	1	X	X	X	2	X	2	X	X	2	X	2	1	X	X
Flammable liquids 3	4	4	2	2	1	2	X	X	2	2	2	2	X	3	2	X	X
Flammable solids (including self-reactive substances and solid desensitized explosives) 4.1	4	3	2	1	X	X	X	X	1	X	1	2	X	3	2	1	X
Substances liable to spontaneous combustion 4.2	4	3	2	2	1	2	2	1	X	1	2	2	1	3	2	1	X
Substances which, in contact with water, emit flammable gases 4.3	4	4	2	2	X	X	2	X	1	X	2	2	X	2	2	1	X
Oxidizing substances (agents) 5.1	4	4	2	2	X	X	2	1	2	2	X	2	1	3	1	2	X
Organic peroxides 5.2	4	4	2	2	1	2	2	2	2	2	2	X	1	3	2	2	X
Toxic substances 6.1	2	2	X	X	X	X	X	X	1	X	1	1	X	1	X	X	X
Infectious substances 6.2	4	4	4	4	2	2	3	3	3	2	3	3	1	X	3	3	X
Radioactive material 7	2	2	2	2	1	1	2	2	2	2	1	2	X	3	X	2	X
Corrosive substances 8	4	2	2	1	X	X	X	1	1	1	2	2	X	3	2	X	X
Miscellaneous dangerous substances and articles 9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

The numbers and symbols in the table have the following meanings:

- 1 – “away from”
- 2 – “separated from”
- 3 – “separated by a complete compartment or hold from”
- 4 – “separated longitudinally by an intervening complete compartment or hold from”
- X – the Dangerous Goods List has to be consulted to verify whether there are specific segregation provisions
- \* – see 7.2.7.1 of this chapter for the segregation provisions between class 1 substances or articles

Part 7 – Provisions concerning transport operations

Notes

- <sup>1</sup> Explosive articles in compatibility group G (other than fireworks and those requiring special stowage) may be stowed with explosive articles of compatibility groups C, D and E provided no explosive substances are transported in the same compartment or hold, or closed cargo transport unit.
- <sup>2</sup> A consignment of one type in compatibility group L shall only be stowed with a consignment of the same type within compatibility group L.
- <sup>3</sup> Different types of articles of Division 1.6, compatibility group N, may only be transported together when it is proven that there is no additional risk of sympathetic detonation between the articles. Otherwise they shall be treated as division 1.1.
- <sup>4</sup> When articles of compatibility group N are transported with articles or substances of compatibility groups C, D or E, the goods of compatibility group N shall be treated as compatibility group D.
- <sup>5</sup> When articles of compatibility group N are transported together with articles or substances of compatibility group S, the entire load shall be treated as compatibility group N.
- <sup>6</sup> Any combination of articles in compatibility groups C, D and E shall be treated as compatibility group E. Any combination of substances in compatibility groups C and D shall be treated as the most appropriate compatibility group shown in 2.1.2.3, taking into account the predominant characteristics of the combined load. This overall classification code shall be displayed on any label or placard placed on a unit load or closed cargo transport unit as prescribed in 5.2.2.2.2.

7.2.7.1.5 Closed cargo transport units carrying different goods of class 1 do not require segregation from each other provided 7.2.7.1.4 authorizes the goods to be transported together. Where this is not permitted, closed cargo transport unit shall be “separated from” one another.

7.2.7.2 Segregation from goods of other classes

7.2.7.2.1 Notwithstanding the segregation provisions of this chapter, AMMONIUM NITRATE (UN 1942), AMMONIUM NITRATE BASED FERTILIZER (UN 2067), alkali metal nitrates (e.g. UN 1486) and alkaline earth metal nitrates (e.g. UN 1454) may be stowed together with blasting explosives (except EXPLOSIVE, BLASTING, TYPE C, UN 0083) provided the aggregate is treated as blasting explosives under class 1.

**Note:** Alkali metal nitrates include caesium nitrate (UN 1451), lithium nitrate (UN 2722), potassium nitrate (UN 1486), rubidium nitrate (UN 1477) and sodium nitrate (UN 1498). Alkaline earth metal nitrates include barium nitrate (UN 1446), beryllium nitrate (UN 2464), calcium nitrate (UN 1454), magnesium nitrate (UN 1474) and strontium nitrate (UN 1507).

7.2.8 Segregation codes

The segregation codes given in column 16b of the Dangerous Goods List are as specified below:

Segregation code	Description
SG1	For packages carrying a subsidiary hazard label of class 1, segregation as for class 1, division 1.3. However, in relation to goods of class 1, segregation as for the primary hazard.
SG2	Segregation as for class 1.2G.
SG3	Segregation as for class 1.3G.
SG4	Segregation as for class 2.1.
SG5	Segregation as for class 3.
SG6	Segregation as for class 5.1.
SG7	Stow “away from” class 3.
SG8	Stow “away from” class 4.1.
SG9	Stow “away from” class 4.3.
SG10	Stow “away from” class 5.1.
SG11	Stow “away from” class 6.2.
SG12	Stow “away from” class 7.
SG13	Stow “away from” class 8.
SG14	Stow “separated from” class 1 except for division 1.4S.
SG15	Stow “separated from” class 3.
SG16	Stow “separated from” class 4.1.
SG17	Stow “separated from” class 5.1.
SG18	Stow “separated from” class 6.2.
SG19	Stow “separated from” class 7.
SG20	Stow “away from” SGG1 – acids.
SG21	Stow “away from” SGG18 – alkalis.

**Part 7 – Provisions concerning transport operations****7.2.5 Segregation groups**

7.2.5.1 For the purpose of segregation, dangerous goods having certain similar chemical properties have been grouped together in segregation groups as listed in 7.2.5.2. The entries allocated to these segregation groups are listed in 3.1.4.4 and are identified by a segregation group code in column 16b of the Dangerous Goods List.

7.2.5.2 The segregation group codes given in column 16b of the Dangerous Goods List are as specified below:

Segregation Group Code	Segregation Group	Description
SGG1	1	acids
SGG1a	1, entries marked *	* identifies strong acids
SGG2	2	ammonium compounds
SGG3	3	bromates
SGG4	4	chlorates
SGG5	5	chlorites
SGG6	6	cyanides
SGG7	7	heavy metals and their salts (including their organometallic compounds)
SGG8	8	hypochlorites
SGG9	9	lead and its compounds
SGG10	10	liquid halogenated hydrocarbons
SGG11	11	mercury and mercury compounds
SGG12	12	nitrites and their mixtures
SGG13	13	perchlorates
SGG14	14	permanganates
SGG15	15	powdered metals
SGG16	16	peroxides
SGG17	17	azides
SGG18	18	alkalis

7.2.5.3 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).

7.2.5.4 The segregation groups in this Code do not cover substances which fall outside the classification criteria of this 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 requirements of a related segregation group on a voluntary basis.

**7.2.6 Special segregation provisions and exemptions**

7.2.6.1 Notwithstanding 7.2.3.3 and 7.2.3.4, substances of the same class may be stowed together without regard to segregation required by secondary hazards (subsidiary hazard label(s)), provided that the substances do not react dangerously with each other and cause:

- .1 combustion and/or evolution of considerable heat;
- .2 evolution of flammable, toxic or asphyxiant gases;
- .3 the formation of corrosive substances; or
- .4 the formation of unstable substances.

Part 7 – Provisions concerning transport operations

Notes

- <sup>1</sup> Explosive articles in compatibility group G (other than fireworks and those requiring special stowage) may be stowed with explosive articles of compatibility groups C, D and E provided no explosive substances are transported in the same compartment or hold, or closed cargo transport unit.
- <sup>2</sup> A consignment of one type in compatibility group L shall only be stowed with a consignment of the same type within compatibility group L.
- <sup>3</sup> Different types of articles of Division 1.6, compatibility group N, may only be transported together when it is proven that there is no additional risk of sympathetic detonation between the articles. Otherwise they shall be treated as division 1.1.
- <sup>4</sup> When articles of compatibility group N are transported with articles or substances of compatibility groups C, D or E, the goods of compatibility group N shall be treated as compatibility group D.
- <sup>5</sup> When articles of compatibility group N are transported together with articles or substances of compatibility group S, the entire load shall be treated as compatibility group N.
- <sup>6</sup> Any combination of articles in compatibility groups C, D and E shall be treated as compatibility group E. Any combination of substances in compatibility groups C and D shall be treated as the most appropriate compatibility group shown in 2.1.2.3, taking into account the predominant characteristics of the combined load. This overall classification code shall be displayed on any label or placard placed on a unit load or closed cargo transport unit as prescribed in 5.2.2.2.2.

7.2.7.1.5 Closed cargo transport units carrying different goods of class 1 do not require segregation from each other provided 7.2.7.1.4 authorizes the goods to be transported together. Where this is not permitted, closed cargo transport unit shall be “separated from” one another.

7.2.7.2 Segregation from goods of other classes

7.2.7.2.1 Notwithstanding the segregation provisions of this chapter, AMMONIUM NITRATE (UN 1942), AMMONIUM NITRATE BASED FERTILIZER (UN 2067), alkali metal nitrates (e.g. UN 1486) and alkaline earth metal nitrates (e.g. UN 1454) may be stowed together with blasting explosives (except EXPLOSIVE, BLASTING, TYPE C, UN 0083) provided the aggregate is treated as blasting explosives under class 1.

**Note:** Alkali metal nitrates include caesium nitrate (UN 1451), lithium nitrate (UN 2722), potassium nitrate (UN 1486), rubidium nitrate (UN 1477) and sodium nitrate (UN 1498). Alkaline earth metal nitrates include barium nitrate (UN 1446), beryllium nitrate (UN 2464), calcium nitrate (UN 1454), magnesium nitrate (UN 1474) and strontium nitrate (UN 1507).

7.2.8 Segregation codes

The segregation codes given in column 16b of the Dangerous Goods List are as specified below:

Segregation code	Description
SG1	For packages carrying a subsidiary hazard label of class 1, segregation as for class 1, division 1.3. However, in relation to goods of class 1, segregation as for the primary hazard.
SG2	Segregation as for class 1.2G.
SG3	Segregation as for class 1.3G.
SG4	Segregation as for class 2.1.
SG5	Segregation as for class 3.
SG6	Segregation as for class 5.1.
SG7	Stow “away from” class 3.
SG8	Stow “away from” class 4.1.
SG9	Stow “away from” class 4.3.
SG10	Stow “away from” class 5.1.
SG11	Stow “away from” class 6.2.
SG12	Stow “away from” class 7.
SG13	Stow “away from” class 8.
SG14	Stow “separated from” class 1 except for division 1.4S.
SG15	Stow “separated from” class 3.
SG16	Stow “separated from” class 4.1.
SG17	Stow “separated from” class 5.1.
SG18	Stow “separated from” class 6.2.
SG19	Stow “separated from” class 7.
SG20	Stow “away from” SGG1 – acids.
SG21	Stow “away from” SGG18 – alkalis.

Segregation code	Description
SG22	Stow "away from" ammonium salts.
SG23	Stow "away from" animal or vegetable oils.
SG24	Stow "away from" SGG17 – azides.
SG25	Stow "separated from" goods of classes 2.1 and 3.
SG26	In addition: from goods of classes 2.1 and 3 when stowed on deck of a containership a minimum distance of two container spaces athwartship shall be maintained, when stowed on ro-ro ships a distance of 6 m athwartship shall be maintained.
△ SG27	Stow "separated from" explosives containing chlorates or perchlorates.
△ SG28	Stow "separated from" SGG2 – ammonium compounds and explosives containing ammonium compounds or salts.
SG29	Segregation from foodstuffs as in 7.3.4.2.2, 7.6.3.1.2 or 7.7.3.7.
SG30	Stow "away from" SGG7 – heavy metals and their salts.
SG31	Stow "away from" SGG9 – lead and its compounds.
SG32	Stow "away from" SGG10 – liquid halogenated hydrocarbons.
SG33	Stow "away from" SGG15 – powdered metals.
△ SG34	When containing ammonium compounds, "separated from" SGG4 – chlorates or SGG13 – perchlorates and explosives containing chlorates or perchlorates.
SG35	Stow "separated from" SGG1 – acids.
SG36	Stow "separated from" SGG18 – alkalis.
SG37	Stow "separated from" ammonia.
SG38	Stow "separated from" SGG2 – ammonium compounds.
SG39	Stow "separated from" SGG2 – ammonium compounds other than AMMONIUM PERSULPHATE (UN 1444).
SG40	Stow "separated from" SGG2 – ammonium compounds other than mixtures of ammonium persulphates and/or potassium persulphates and/or sodium persulphates.
SG41	Stow "separated from" animal or vegetable oil.
SG42	Stow "separated from" SGG3 – bromates.
SG43	Stow "separated from" bromine.
SG44	Stow "separated from" CARBON TETRACHLORIDE (UN 1846).
SG45	Stow "separated from" SGG4 – chlorates.
SG46	Stow "separated from" chlorine.
SG47	Stow "separated from" SGG5 – chlorites.
△ SG48	Stow "separated from" combustible material (particularly liquids).
SG49	Stow "separated from" SGG6 – cyanides.
SG50	Segregation from foodstuffs as in 7.3.4.2.1, 7.6.3.1.2 or 7.7.3.6.
SG51	Stow "separated from" SGG8 – hypochlorites.
SG52	Stow "separated from" iron oxide.
△ SG53	Shall not be stowed together with combustible material in the same cargo transport unit.
SG54	Stow "separated from" SGG11 – mercury and mercury compounds.
SG55	Stow "separated from" mercury salts.
SG56	Stow "separated from" SGG12 – nitrites.
SG57	Stow "separated from" odour-absorbing cargoes.
SG58	Stow "separated from" SGG13 – perchlorates.
SG59	Stow "separated from" SGG14 – permanganates.
SG60	Stow "separated from" SGG16 – peroxides.
SG61	Stow "separated from" SGG15 – powdered metals.
SG62	Stow "separated from" sulphur.

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Segregation code	Description
SG63	Stow “separated longitudinally by an intervening complete compartment or hold from” class 1.
SG64	[Reserved]
SG65	Stow “separated by a complete compartment or hold from” class 1 except for division 1.4.
SG66	[Reserved]
SG67	Stow “separated from” division 1.4 and “separated longitudinally by an intervening complete compartment or hold from” divisions 1.1, 1.2, 1.3, 1.5 and 1.6 except from explosives of compatibility group J.
SG68	If flashpoint 60°C c.c. or below, segregation as for class 3 but “away from” class 4.1.
SG69	For AEROSOLS with a maximum capacity of 1 L: segregation as for class 9. Stow “separated from” class 1 except for division 1.4. For AEROSOLS with a capacity above 1 L: segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: segregation as for the appropriate subdivision of class 2.
SG70	For arsenic sulphides, “separated from” SGG1 – acids.
SG71	Within the appliance, to the extent that the dangerous goods are integral parts of the complete life-saving appliance, there is no need to apply the provisions on segregation of substances in chapter 7.2.
SG72	See tables in 7.2.6.3.
SG73	[Reserved]
SG74	Segregation as for 1.4G.
SG75	Stow “separated from” SGG1a – strong acids.
SG76	Segregation as for class 7.
SG77	Segregation as for class 8. However, in relation to class 7, no segregation needs to be applied.
SG78	Stow “separated longitudinally by an intervening complete compartment or hold from” division 1.1, 1.2, and 1.5.

**Part 3 – Dangerous Goods List, special provisions and exceptions**

- 3
- .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 or SGG1a)**

1052	Hydrogen fluoride, anhydrous*
1182	Ethyl chloroformate
1183	Ethyl dichlorosilane
1238	Methyl chloroformate
1242	Methyl dichlorosilane
1250	Methyl trichlorosilane
1295	Trichlorosilane
1298	Trimethyl chlorosilane
1305	Vinyl trichlorosilane
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	Allyl trichlorosilane, stabilized
1725	Aluminium bromide, anhydrous
1726	Aluminium chloride, anhydrous
1727	Ammonium hydrogendifluoride, solid
1728	Amyl trichlorosilane
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

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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

## Part 3 – Dangerous Goods List, special provisions and exceptions

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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

- 3472 Crotonic acid, liquid  
 3498 Iodine monochloride, liquid  
 \* identifies strong acids

## 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

- 3
- 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 trinitroresorcinat), 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

- 3
- 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	<i>o</i> -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

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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

## Part 3 – Dangerous Goods List, special provisions and exceptions

- 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 Alkalis (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.
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

*Part 3 – Dangerous Goods List, special provisions and exceptions*

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