

APPENDICES

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 must 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 has been assigned to the entry in Column 6 of the Dangerous Goods List.

In this list generic 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 Division 6.1;
- general entries covering a group of substances or articles having one or more general dangerous properties.

THE MOST SPECIFIC APPLICABLE NAME MUST ALWAYS BE USED.

APPENDIX A: LIST OF GENERIC OR N.O.S. PROPER SHIPPING NAMES

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
|--------------------------|------------------------|--------------|---|
| | | | <u>CLASS 1</u> |
| 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 | | 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 NITRODERIVATIVES, 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 | | 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. |

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
|--------------------------|------------------------|--------------|---|
| | | | 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) |

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
|-------------------|-----------------|-------|--|
| | | | <u>CLASS 2</u> |
| | | | DIVISION 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 | 6.1 | 3504 | CHEMICAL UNDER PRESSURE, FLAMMABLE, TOXIC, N.O.S. |
| 2.1 | 8 | 3505 | CHEMICAL UNDER PRESSURE, FLAMMABLE, CORROSIVE, N.O.S. |
| 2.1 | | 3510 | ADSORBED GAS, FLAMMABLE, N.O.S. |
| | | | DIVISION 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 | 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 | 6.1 | 3502 | CHEMICAL UNDER PRESSURE, TOXIC, N.O.S. |
| 2.2 | 8 | 3503 | CHEMICAL UNDER PRESSURE, CORROSIVE, N.O.S. |
| 2.2 | | 3511 | ADSORBED GAS, N.O.S. |
| 2.2 | 5.1 | 3513 | ADSORBED GAS, OXIDIZING, N.O.S. |
| | | | DIVISION 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 | 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 + 8 | 3305 | COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S. |

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
|--------------------------|------------------------|--------------|---|
| | | | <i>General entries (cont'd)</i> |
| 2.3 | 2.1 + 8 | 3309 | LIQUEFIED 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 + 8 | 3306 | COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S. |
| 2.3 | 5.1 + 8 | 3310 | LIQUEFIED 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 | | 3512 | ADSORBED GAS, TOXIC, N.O.S. |
| 2.3 | 2.1 | 3514 | ADSORBED GAS, TOXIC, FLAMMABLE, N.O.S. |
| 2.3 | 5.1 | 3515 | ADSORBED GAS, TOXIC, OXIDIZING, N.O.S. |
| 2.3 | 8 | 3516 | ADSORBED GAS, TOXIC, CORROSIVE, N.O.S. |
| 2.3 | 2.1 + 8 | 3517 | ADSORBED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S. |
| 2.3 | 5.1 + 8 | 3518 | ADSORBED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S. |

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
|-------------------|-----------------|-------|--|
| | | | <u>CLASS 3</u> |
| | | | 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 | 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 |
| 3 | | 3379 | DESENSITIZED EXPLOSIVE, LIQUID, N.O.S. |
| | | | Pesticides |
| 3 | 6.1 | 2758 | CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point < 23 °C |
| 3 | 6.1 | 2760 | ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point < 23 °C |
| 3 | 6.1 | 2762 | ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point < 23 °C |
| 3 | 6.1 | 2764 | TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point < 23 °C |
| | | | Pesticides (cont'd) |
| 3 | 6.1 | 2772 | THIOCARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point < 23 °C |
| 3 | 6.1 | 2776 | COPPER BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point < 23 °C |
| 3 | 6.1 | 2778 | MERCURY BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point < 23 °C |

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
|--------------------------|------------------------|--------------|---|
| 3 | 6.1 | 2780 | SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point < 23 °C |
| 3 | 6.1 | 2782 | BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point < 23 °C |
| 3 | 6.1 | 2784 | ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point < 23 °C |
| 3 | 6.1 | 2787 | ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point < 23 °C |
| 3 | 6.1 | 3021 | PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S., flash point < 23 °C |
| 3 | 6.1 | 3024 | COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point < 23 °C |
| 3 | 6.1 | 3346 | PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point < 23 °C |
| 3 | 6.1 | 3350 | PYRETHROID PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash point < 23 °C |
| | | | General entries |
| 3 | | 1993 | FLAMMABLE LIQUID, N.O.S. |
| 3 | | 3256 | ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S., with flash point above 60 °C, at or above its flash point |
| 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. |

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
|-------------------|-----------------|-------|---|
| | | | <u>CLASS 4</u> |
| | | | DIVISION 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. |
| | | | 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 | 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 or Division | Subsidiary Risk | UN No | Proper Shipping Name |
|-------------------|-----------------|-------|---|
| | | | DIVISION 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. |
| 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 | 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 or Division | Subsidiary Risk | UN No | Proper Shipping Name |
|-------------------|-----------------|-------|---|
| | | | DIVISION 4.3 |
| | | | Specific entries |
| 4.3 | | 1389 | ALKALI METAL AMALGAM, LIQUID |
| 4.3 | | 1390 | ALKALI METAL AMIDES |
| 4.3 | | 1391 | ALKALI METAL DISPERSION or ALKALI 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. |
| 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. |

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
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| | | | <u>CLASS 5</u> |
| | | | DIVISION 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 | 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 or Division | Subsidiary Risk | UN No | Proper Shipping Name |
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| | | | DIVISION 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 |

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
|-------------------|-----------------|-------|--|
| | | | <u>CLASS 6</u> |
| | | | DIVISION 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. |
| 6.1 | | 1557 | ARSENIC COMPOUND, SOLID, 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 | FLUROSILICATES, N.O.S. |
| 6.1 | | 3140 | ALKALOIDS, LIQUID, N.O.S. or ALKALOID 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, LIQUID, TOXIC, N.O.S. |
| 6.1 | | 3278 | ORGANOPHOSPHORUS COMPOUND, LIQUID, TOXIC, N.O.S. |
| 6.1 | | 3280 | ORGANOARSENIC COMPOUND LIQUID, N.O.S. |

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
|-------------------|-----------------|-------|--|
| | | | <i>Specific entries (cont'd)</i> |
| 6.1 | | 3281 | METAL CARBONYLS LIQUID, N.O.S. |
| 6.1 | | 3282 | ORGANOMETALLIC COMPOUND, LIQUID, TOXIC, N.O.S. |
| 6.1 | | 3283 | SELENIUM COMPOUND, SOLID, N.O.S. |
| 6.1 | | 3284 | TELLURIUM COMPOUND, N.O.S. |
| 6.1 | | 3285 | VANADIUM COMPOUND, N.O.S. |
| 6.1 | | 3439 | NITRILES, SOLID, TOXIC, 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, SOLID, TOXIC, 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, SOLID, TOXIC, 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. |
| 6.1 | 3 + 8 | 3362 | CLOROSILANES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S. |
| 6.1 | 8 | 3277 | CHLOROFORMATES, TOXIC, CORROSIVE, N.O.S. |
| 6.1 | 8 | 3361 | CLOROSILANES, TOXIC, CORROSIVE, N.O.S. |
| | | | Pesticides |
| | | | (a) Solid |
| 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 |

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
|-------------------|-----------------|-------|---|
| | | | (b) Liquid |
| 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., flash point 23 °C |
| 6.1 | 3 | 2991 | CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point 23 °C |
| 6.1 | 3 | 2993 | ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point 23 °C |
| 6.1 | 3 | 2995 | ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point 23 °C |
| 6.1 | 3 | 2997 | TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point 23 °C |
| 6.1 | 3 | 3005 | THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point 23 °C |
| 6.1 | 3 | 3009 | COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point 23 °C |
| 6.1 | 3 | 3011 | MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point 23 °C |
| 6.1 | 3 | 3013 | SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point 23 °C |
| 6.1 | 3 | 3015 | BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point 23 °C |
| 6.1 | 3 | 3017 | ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point 23 °C |
| 6.1 | 3 | 3019 | ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point 23 °C |
| 6.1 | 3 | 3025 | COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point 23 °C |
| 6.1 | 3 | 3347 | PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point 23 °C |
| 6.1 | 3 | 3351 | PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash point 23 °C |

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
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| | | | 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 1000 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 | 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 1000 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 1000 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 | 4.2 | 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 1000 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 1000 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 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀ |

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
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| | | | General entries (cont'd) |
| 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 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀ |
| | | | DIVISION 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 |
| | | | General entries |
| 6.2 | | 2814 | INFECTIOUS SUBSTANCE, AFFECTING HUMANS |
| 6.2 | | 2900 | INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only |

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
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| | | | <u>CLASS 7</u> |
| | | | 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 or SCO-II), 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 |

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
|-------------------|-----------------|-------|---|
| | | | <u>CLASS 8</u> |
| | | | 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 | 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. |

| Class or Division | Subsidiary Risk | UN No | Proper Shipping Name |
|--------------------------|------------------------|--------------|---|
| | | | <u>CLASS 9</u> |
| | | | 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 flash point (including molten metals, molten salts, etc.) |
| 9 | | 3258 | ELEVATED TEMPERATURE SOLID, N.O.S., at or above 240 °C |
| 9 | | 3334 | AVIATION REGULATED LIQUID, N.O.S. |
| 9 | | 3335 | AVIATION REGULATED SOLID, N.O.S. |

APPENDIX B

GLOSSARY OF TERMS

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 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.

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 contain only 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 loads' 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 name and description shall be used for small arms cartridges that cannot be described as “cartridges, small arms”. Separate loading ammunition is included under this name and description 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. Shot-gun 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.

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, both ELECTRIC and NON-ELECTRIC.

Detonating relays without flexible detonating cord are included.

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.

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 substances (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 (English text only)

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 a safety fuse.

Mass explosion

Explosion which affects almost the entire load virtually instantaneously.

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.

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.