International Civil Aviation Organization

**WORKING PAPER**

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**English only**

# DANGEROUS GOODS PANEL (DGP)

## TWENTY-EIGHTH MEETING

**Virtual, 15 to 19 November 2021**

**Agenda Item 2: Managing air-specific safety risks and identifying anomalies**
**2.2: Develop proposals, if necessary, for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) for incorporation in the 2023-2024 Edition**

## ADDITION OF PACKING GROUPS TO THE DANGEROUS GOODS LIST FOR SUBSTANCES FORBIDDEN ON PASSENGER AND CARGO AIRCRAFT

(Presented by T. Muller)

**SUMMARY**

This working paper proposes to add the packing group, if applicable, in the UN packing group field (column 8) of Table 3-1 — Dangerous Goods List for substances which are forbidden for transport on both passenger and cargo aircraft.

**Action by the DGP:** The DGP is invited to consider the addition of the packing group in column 8 of Table 3.1 — Dangerous Goods List for items which are forbidden on both passenger and cargo aircraft, as shown in the appendix to this working paper.

## 1. INTRODUCTION

1.1 Except for dangerous goods in Classes 1, 2 and 7, in Divisions 5.2 and 6.2 and self-reactive substances of Division 4.1, dangerous goods are assigned to packing groups in accordance with the degree of danger. The packing group to which a substance is assigned is indicated in column 8 of Table 3-1 — Dangerous Goods List in Part 3;2.

1.2 Although the packing group is part of the classification process for dangerous goods, if a substance is forbidden for transport on both passenger and cargo aircraft, the packing group, if applicable, is not mentioned in the dangerous goods list.

1.3 It is felt that the packing group should also be added for substances which are forbidden on both passenger and cargo aircraft not only because the packing group is part of the full classification of a

substance, but it is believed that adding the packing group for items may improve and clarify the use of the dangerous list. As an example, the extract below from the dangerous goods list clearly shows that Packing Group I is not indicated against UN 1693 — **Tear gas substance, liquid, n.o.s.** since UN 1693, Packing Group I is forbidden for transport on both passenger and cargo aircraft:

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Tear gas substance, liquid, n.o.s.*** | 1693 | 6.1 | | Toxic | AU 1<br>CA 7<br>IR 3<br>NL 1<br>US 3 | A2<br>A36 | II | E0 | FORBIDDEN<br>FORBIDDEN | | FORBIDDEN<br>659 | 5 L |

However, special provision A36 refers to the packing group I entry:

A36 The provisions of Special Provision A2 apply to this entry for Packing Group I only and the provisions of Special Provision A1 apply to this entry for Packing Group II only, as applicable.

The absence of Packing Group I may cause confusion, particularly for a person who is rarely using the Technical Instructions.

## 2. ACTION BY THE DGP

2.1 The DGP is invited to consider the addition of the packing group in column 8 of Table 3.1 —Dangerous Goods List for items which are forbidden on both passenger and cargo aircraft, as shown in the appendix to this working paper.

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**APPENDIX**

**PROPOSED AMENDMENT TO PART 3 OF THE TECHNICAL INSTRUCTIONS**

# Part 3

# DANGEROUS GOODS LIST, SPECIAL PROVISIONS AND LIMITED AND EXCEPTED QUANTITIES

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## Chapter 2

## ARRANGEMENT OF THE DANGEROUS GOODS LIST (TABLE 3-1)

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**Table 3-1. Dangerous Goods List**

For the sake of simplicity, only the proper shipping name is shown in column 1 and only the columns from Table 3-1 that are relevant to the proposal are shown. A comment column is included to highlight specific items of dangerous goods that are not assigned packing groups despite being of a class or division for which a packing group is normally assigned.

| *Proper shipping name (1)* | *UN No. (2)* | *Class or divi-sion (3)* | *Sub-sidiary Hazard (4)* | *UN packing group (8)* | *Comments* |
|---|---|---|---|---|---|
| Acetone cyanohydrin, stabilized | 1541 | 6.1 | | I | |
| Acrolein, stabilized | 1092 | 6.1 | 3 | I | |
| Allyl alcohol | 1098 | 6.1 | 3 | I | |
| Allyl chloroformate | 1722 | 6.1 | 8<br>3 | I | |
| Allylamine | 2334 | 6.1 | 3 | I | |
| Aluminium borohydride | 2870 | 4.2 | 4.3 | I | |
| Aluminium borohydride in devices | 2870 | 4.2 | 4.3 | I | |
| Aluminium phosphide pesticide | 3048 | 6.1 | | I | |
| Ammonium nitrate emulsion | 3375 | 5.1 | | II | |
| Ammonium nitrate gel | 3375 | 5.1 | | II | |
| Ammonium nitrate suspension | 3375 | 5.1 | | II | |
| Ammonium nitrate, liquid | 2426 | 5.1 | | | No PG assigned |
| Arsenic trichloride | 1560 | 6.1 | | I | |
| Articles containing a substance liable to spontaneous combustion, n.o.s.* | 3542 | 4.2 | See 2;0.6 | | No PG assigned |

| *Proper shipping name (1)* | *UN No. (2)* | *Class or divi-sion (3)* | *Sub-sidiary Hazard (4)* | *UN packing group (8)* | *Comments* |
|---|---|---|---|---|---|
| Articles containing a substance which emits flammable gas in contact with water, n.o.s.* | 3543 | 4.3 | See 2;0.6 | | No PG assigned |
| Articles containing corrosive substance, n.o.s.* | 3547 | 8 | See 2;0.6 | | No PG assigned |
| Articles containing flammable liquid, n.o.s.* | 3540 | 3 | See 2;0.6 | | No PG assigned |
| Articles containing flammable solid, n.o.s.* | 3541 | 4.1 | See 2;0.6 | | No PG assigned |
| Articles containing miscellaneous dangerous goods, n.o.s.* | 3548 | 9 | See 2;0.6 | | No PG assigned |
| Articles containing oxidizing substance, n.o.s.* | 3544 | 5.1 | See 2;0.6 | | No PG assigned |
| Articles containing toxic substance, n.o.s.* | 3546 | 6.1 | See 2;0.6 | | No PG assigned |
| Asbestos, amphibole* | 2212 | 9 | | II | |
| Azodicarbonamide | 3242 | 4.1 | | II | |
| Barium alloys, pyrophoric | 1854 | 4.2 | | I | |
| Bhusa | 1327 | 4.1 | | | No PG assigned |
| Boron tribromide | 2692 | 8 | | I | |
| Bromine | 1744 | 8 | 6.1 | I | |
| Bromine pentafluoride | 1745 | 5.1 | 6.1<br>8 | I | |
| Bromine solution | 1744 | 8 | 6.1 | I | |
| Bromine trifluoride | 1746 | 5.1 | 8<br>6.1 | I | |
| Bromoacetone | 1569 | 6.1 | 3 | II | |
| n-Butyl chloroformate | 2743 | 6.1 | 3<br>8 | II | |
| tert-Butyl hypochlorite | 3255 | 4.2 | 8 | I | |
| tert-Butyl isocyanate | 2484 | 6.1 | 3 | I | |
| n-Butyl isocyanate | 2485 | 6.1 | 3 | I | |
| 5-tert-Butyl-2,4,6-trinitro-m-xylene | 2956 | 4.1 | | III | |
| Calcium alloys, pyrophoric | 1855 | 4.2 | | I | |
| Calcium, pyrophoric | 1855 | 4.2 | | I | |
| Carbon | 1361 | 4.2 | | II | |
| Carbon | 1361 | 4.2 | | III | |
| Carbon disulphide | 1131 | 3 | 6.1 | I | |
| Celluloid, scrap | 2002 | 4.2 | | III | |
| Chemical sample, toxic | 3315 | 6.1 | | I | |
| Chloric acid, aqueous solution | 2626 | 5.1 | | II | |
| Chloroacetic acid, molten | 3250 | 6.1 | 8 | II | |

| *Proper shipping name (1)* | *UN No. (2)* | *Class or divi-sion (3)* | *Sub-sidiary Hazard (4)* | *UN packing group (8)* | *Comments* |
|---|---|---|---|---|---|
| Chloroacetone, stabilized | 1695 | 6.1 | 8<br>3 | I | |
| Chloroacetonitrile | 2668 | 6.1 | 3 | I | |
| Chloroacetyl chloride | 1752 | 6.1 | 8 | I | |
| 2-Chloroethanal | 2232 | 6.1 | | I | |
| Chloropicrin | 1580 | 6.1 | | I | |
| Chloropicrin mixture, n.o.s.* | 1583 | 6.1 | | II | |
| Chloropicrin mixture, n.o.s.* | 1583 | 6.1 | | III | |
| Chloropicrin mixture, n.o.s.* | 1583 | 6.1 | | I | |
| Chlorosulphonic acid | 1754 | 8 | | I | |
| Copra | 1363 | 4.2 | | III | |
| Corrosive liquid, water-reactive, n.o.s.* | 3094 | 8 | 4.3 | I | |
| Cotton waste, oily | 1364 | 4.2 | | III | |
| Cotton, wet | 1365 | 4.2 | | III | |
| Crotonaldehyde | 1143 | 6.1 | 3 | I | |
| Crotonaldehyde, stabilized | 1143 | 6.1 | 3 | I | |
| Cyanogen bromide | 1889 | 6.1 | 8 | I | |
| Cyclohexyl isocyanate | 2488 | 6.1 | 3 | I | |
| Desensitized explosive, liquid, n.o.s.* | 3379 | 3 | | I | |
| Desensitized explosive, solid, n.o.s.* | 3380 | 4.1 | | I | |
| Dichlorodimethyl ether, symmetrical | 2249 | 6.1 | 3 | I | |
| Diketene, stabilized | 2521 | 6.1 | 3 | I | |
| Dimethyl disulphide | 2381 | 3 | 6.1 | II | |
| Dimethyl sulphate | 1595 | 6.1 | 8 | I | |
| Dimethylhydrazine, symmetrical | 2382 | 6.1 | 3 | I | |
| Dimethylhydrazine, unsymmetrical | 1163 | 6.1 | 3<br>8 | I | |
| Dinitrotoluenes, molten | 1600 | 6.1 | | II | |
| Diphenylamine chloroarsine | 1698 | 6.1 | | I | |
| Diphenylchloroarsine, liquid | 1699 | 6.1 | | I | |
| Elevated temperature liquid, n.o.s.* | 3257 | 9 | | III | |
| Elevated temperature liquid, flammable, n.o.s.* | 3256 | 3 | | III | |
| Elevated temperature solid, n.o.s.* | 3258 | 9 | | III | |
| Epibromohydrin | 2558 | 6.1 | 3 | I | |
| Ethyl bromoacetate | 1603 | 6.1 | 3 | II | |
| Ethyl chloroformate | 1182 | 6.1 | 3<br>8 | I | |
| Ethyl chlorothioformate | 2826 | 8 | 3 | II | |
| Ethyl isocyanate | 2481 | 6.1 | 3 | I | |
| Ethyl nitrite solution | 1194 | 3 | 6.1 | I | |

| *Proper shipping name (1)* | *UN No. (2)* | *Class or divi-sion (3)* | *Sub-sidiary Hazard (4)* | *UN packing group (8)* | *Comments* |
|---|---|---|---|---|---|
| Ethyldichloroarsine | 1892 | 6.1 | | I | |
| Ethylene chlorohydrin | 1135 | 6.1 | 3 | I | |
| Ethylene dibromide | 1605 | 6.1 | | I | |
| Ethyleneimine, stabilized | 1185 | 6.1 | 3 | I | |
| Fabrics, animal, n.o.s. | 1373 | 4.2 | | III | |
| Fabrics, synthetic, n.o.s | 1373 | 4.2 | | III | |
| Fabrics, vegetable, n.o.s. | 1373 | 4.2 | | III | |
| Fibres, animal | 1372 | 4.2 | | III | |
| Fibres, animal, n.o.s. | 1373 | 4.2 | | III | |
| Fibres, synthetic, n.o.s. | 1373 | 4.2 | | III | |
| Fibres, vegetable | 1372 | 4.2 | | III | |
| Fibres, vegetable, dry | 3360 | 4.1 | | | No PG assigned |
| Fibres, vegetable, n.o.s. | 1373 | 4.2 | | III | |
| Fish meal, unstabilized | 1374 | 4.2 | | II | |
| Fish scrap, stabilized | 2216 | 9 | | III | |
| Fish scrap, unstabilized | 1374 | 4.2 | | II | |
| Flammable solid, organic, molten, n.o.s.* | 3176 | 4.1 | | II | |
| Flammable solid, organic, molten, n.o.s.* | 3176 | 4.1 | | III | |
| Flammable solid, oxidizing, n.o.s.* | 3097 | 4.1 | 5.1 | II | |
| Flammable solid, oxidizing, n.o.s.* | 3097 | 4.1 | 5.1 | III | |
| Fumigated cargo transport unit | 3359 | 9 | | | No PG assigned |
| Hafnium powder, dry | 2545 | 4.2 | | I | |
| Hay | 1327 | 4.1 | | | No PG assigned |
| Heat producing articles, battery operated equipment, such as under-water torches or soldering equipment, which, if accidentally activated, will generate extreme heat and can cause fire | 0 | 9 | | | No PG assigned |
| Hexachlorocyclopentadiene | 2646 | 6.1 | | I | |
| Hydrobromic acid | 1788 | 8 | | II | |
| Hydrocyanic acid, aqueous solution | 1613 | 6.1 | | I | |
| Hydrogen cyanide, aqueous solution | 1613 | 6.1 | | I | |
| Hydrogen cyanide, solution in alcohol | 3294 | 6.1 | 3 | I | |
| Hydrogen cyanide, stabilized | 1614 | 6.1 | | I | |
| Hydrogen cyanide, stabilized | 1051 | 6.1 | 3 | I | |
| Hydrogen fluoride, anhydrous | 1052 | 8 | 6.1 | I | |
| Hydrogen peroxide, aqueous solution | 2014 | 5.1 | 8 | II | |

| *Proper shipping name (1)* | *UN No. (2)* | *Class or divi-sion (3)* | *Sub-sidiary Hazard (4)* | *UN packing group (8)* | *Comments* |
|---|---|---|---|---|---|
| Hydrogen peroxide, aqueous solution, stabilized | 2015 | 5.1 | 8 | I | |
| Hydrogen peroxide, stabilized | 2015 | 5.1 | 8 | I | |
| Iodine pentafluoride | 2495 | 5.1 | 6.1<br>8 | I | |
| Iron oxide, spent | 1376 | 4.2 | | III | |
| Iron pentacarbonyl | 1994 | 6.1 | 3 | I | |
| Iron sponge, spent | 1376 | 4.2 | | III | |
| Isobutyl isocyanate | 2486 | 6.1 | 3 | I | |
| Isopropyl chloroformate | 2407 | 6.1 | 3<br>8 | I | |
| Isopropyl isocyanate | 2483 | 6.1 | 3 | I | |
| Isosorbide-5-mononitrate | 3251 | 4.1 | | III | |
| Lithium batteries installed in cargo transport unit | 3536 | 9 | | | No PG assigned |
| Maleic anhydride, molten | 2215 | 8 | | III | |
| Matches, 'strike anywhere' | 1331 | 4.1 | | III | |
| Matches, fusee | 2254 | 4.1 | | III | |
| Metal catalyst, dry* | 2881 | 4.2 | | I | |
| Methacrylonitrile, stabilized | 3079 | 6.1 | 3 | I | |
| Methanesulphonyl chloride | 3246 | 6.1 | 8 | I | |
| Methoxymethyl isocyanate | 2605 | 6.1 | 3 | I | |
| Methyl bromide and ethylene dibromide mixture, liquid | 1647 | 6.1 | | I | |
| Methyl chloroacetate | 2295 | 6.1 | 3 | I | |
| Methyl chloroformate | 1238 | 6.1 | 3<br>8 | I | |
| Methyl chloromethyl ether | 1239 | 6.1 | 3 | I | |
| Methyl iodide | 2644 | 6.1 | | I | |
| Methyl isocyanate | 2480 | 6.1 | 3 | I | |
| Methyl isothiocyanate | 2477 | 6.1 | 3 | I | |
| Methyl orthosilicate | 2606 | 6.1 | 3 | I | |
| Methyl vinyl ketone, stabilized | 1251 | 6.1 | 3<br>8 | I | |
| 2-Methyl-2-heptanethiol | 3023 | 6.1 | 3 | I | |
| Methylhydrazine | 1244 | 6.1 | 3<br>8 | I | |
| Motor fuel anti-knock mixture, flammable | 3483 | 6.1 | 3 | I | |
| Musk xylene | 2956 | 4.1 | | III | |
| Naphthalene, molten | 2304 | 4.1 | | III | |
| Nickel carbonyl | 1259 | 6.1 | 3 | I | |

| *Proper shipping name (1)* | *UN No. (2)* | *Class or divi-sion (3)* | *Sub-sidiary Hazard (4)* | *UN packing group (8)* | *Comments* |
|---|---|---|---|---|---|
| Nitric acid, red fuming | 2032 | 8<br>6.1 | 5.1 | I | |
| Nitroglycerin mixture, desensitized, liquid flammable, n.o.s.* | 3343 | 3 | | | No PG assigned |
| Nitroglycerin mixture, desensitized, liquid, n.o.s.* | 3357 | 3 | | II | |
| 4-Nitrophenylhydrazine | 3376 | 4.1 | | I | |
| Organometallic substance, liquid, pyrophoric* | 3392 | 4.2 | | I | |
| Organometallic substance, liquid, pyrophoric, water reactive* | 3394 | 4.2 | 4.3 | I | |
| Organometallic substance, solid, pyrophoric* | 3391 | 4.2 | | I | |
| Organometallic substance, solid, pyrophoric, water reactive* | 3393 | 4.2 | 4.3 | I | |
| Oxidizing liquid, corrosive, n.o.s.* | 3098 | 5.1 | 8 | I | |
| Oxidizing solid, flammable, n.o.s.* | 3137 | 5.1 | 4.1 | I | |
| Oxidizing solid, self-heating, n.o.s.* | 3100 | 5.1 | 4.2 | I | |
| Oxidizing solid, self-heating, n.o.s.* | 3100 | 5.1 | 4.2 | II | |
| Oxidizing solid, water-reactive, n.o.s.* | 3121 | 5.1 | 4.3 | I | |
| Oxidizing solid, water-reactive, n.o.s.* | 3121 | 5.1 | 4.3 | II | |
| Packagings, discarded, empty, uncleaned | 3509 | 9 | | | No PG assigned |
| Paper, unsaturated oil treated | 1379 | 4.2 | | III | |
| Pentaborane | 1380 | 4.2 | 6.1 | I | |
| Pentaerythrite tetranitrate mixture desensitized, solid, n.o.s.* | 3344 | 4.1 | | II | |
| Pentaerythritol tetranitrate mixture desensitized, solid, n.o.s.* | 3344 | 4.1 | | II | |
| Perchloromethyl mercaptan | 1670 | 6.1 | | I | |
| PETN mixture desensitized, solid, n.o.s.* | 3344 | 4.1 | | II | |
| Phenol, molten | 2312 | 6.1 | | II | |
| Phenyl isocyanate | 2487 | 6.1 | 3 | I | |
| Phenyl mercaptan | 2337 | 6.1 | 3 | I | |
| Phenylcarbylamine chloride | 1672 | 6.1 | | I | |
| Phosphorus oxybromide, molten | 2576 | 8 | | II | |
| Phosphorus oxychloride | 1810 | 6.1 | 8 | I | |
| Phosphorus trichloride | 1809 | 6.1 | 8 | I | |
| Phosphorus, white, dry | 1381 | 4.2 | 6.1 | I | |
| Phosphorus, white, in solution | 1381 | 4.2 | 6.1 | I | |
| Phosphorus, white, molten | 2447 | 4.2 | 6.1 | I | |
| Phosphorus, white, under water | 1381 | 4.2 | 6.1 | I | |

| *Proper shipping name (1)* | *UN No. (2)* | *Class or divi-sion (3)* | *Sub-sidiary Hazard (4)* | *UN packing group (8)* | *Comments* |
|---|---|---|---|---|---|
| Phosphorus, yellow, dry | 1381 | 4.2 | 6.1 | I | |
| Phosphorus, yellow, in solution | 1381 | 4.2 | 6.1 | I | |
| Phosphorus, yellow, under water | 1381 | 4.2 | 6.1 | I | |
| Plastics, nitrocellulose-based, self-heating, n.o.s.* | 2006 | 4.2 | | III | |
| Polymerizing substance, liquid, temperature controlled, n.o.s.* | 3534 | 4.1 | | III | |
| Polymerizing substance, solid, temperature controlled, n.o.s.* | 3533 | 4.1 | | III | |
| n-Propyl chloroformate | 2740 | 6.1 | 8<br>3 | I | |
| n-Propyl isocyanate | 2482 | 6.1 | 3 | I | |
| Pyrophoric alloy, n.o.s.* | 1383 | 4.2 | | I | |
| Pyrophoric liquid, inorganic, n.o.s.* | 3194 | 4.2 | | I | |
| Pyrophoric liquid, organic, n.o.s.* † | 2845 | 4.2 | | I | |
| Pyrophoric metal, n.o.s.* | 1383 | 4.2 | | I | |
| Pyrophoric solid, inorganic, n.o.s.* | 3200 | 4.2 | | I | |
| Pyrophoric solid, organic, n.o.s.* | 2846 | 4.2 | | I | |
| Rags, oily | 1856 | 4.2 | | | No PG assigned |
| Seed cake | 2217 | 4.2 | | III | |
| Seed cake | 1386 | 4.2 | | III | |
| Self-heating solid, oxidizing, n.o.s.* | 3127 | 4.2 | 5.1 | III | |
| Self-heating solid, oxidizing, n.o.s.* | 3127 | 4.2 | 5.1 | II | |
| Silver picrate, wetted | 1347 | 4.1 | | I | |
| Straw | 1327 | 4.1 | | | No PG assigned |
| Sulphur trioxide, stabilized | 1829 | 8 | | I | |
| Sulphur, molten | 2448 | 4.1 | | III | |
| Sulphuric acid, fuming | 1831 | 8 | 6.1 | I | |
| Sulphuryl chloride | 1834 | 6.1 | 8 | I | |
| Tear gas substance, liquid, n.o.s.* | 1693 | 6.1 | | I | |
| Tetranitromethane | 1510 | 6.1 | 5.1 | I | |
| Textile waste, wet | 1857 | 4.2 | | III | |
| Thionyl chloride | 1836 | 8 | | I | |
| Thiophosgene | 2474 | 6.1 | | I | |
| Titanium powder, dry | 2546 | 4.2 | | I | |
| Titanium tetrachloride | 1838 | 6.1 | 8 | II | |
| Titanium trichloride mixture, pyrophoric | 2441 | 4.2 | 8 | I | |
| Titanium trichloride, pyrophoric | 2441 | 4.2 | 8 | I | |
| Toxic by inhalation liquid, corrosive, n.o.s.* | 3389 | 6.1 | 8 | I | |

| *Proper shipping name (1)* | *UN No. (2)* | *Class or division (3)* | *Subsidiary Hazard (4)* | *UN packing group (8)* | *Comments* |
|---|---|---|---|---|---|
| Toxic by inhalation liquid, corrosive, n.o.s.* | 3390 | 6.1 | 8 | I | |
| Toxic by inhalation liquid, flammable, corrosive, n.o.s.* | 3488 | 6.1 | 3<br>8 | I | |
| Toxic by inhalation liquid, flammable, corrosive, n.o.s.* | 3489 | 6.1 | 3<br>8 | I | |
| Toxic by inhalation liquid, flammable, n.o.s.* | 3384 | 6.1 | 3 | I | |
| Toxic by inhalation liquid, flammable, n.o.s.* | 3383 | 6.1 | 3 | I | |
| Toxic by inhalation liquid, n.o.s.* | 3381 | 6.1 | | I | |
| Toxic by inhalation liquid, n.o.s.* | 3382 | 6.1 | | I | |
| Toxic by inhalation liquid, oxidizing, n.o.s.* | 3387 | 6.1 | 5.1 | I | |
| Toxic by inhalation liquid, oxidizing, n.o.s.* | 3388 | 6.1 | 5.1 | I | |
| Toxic by inhalation liquid, water-reactive, flammable, n.o.s.* | 3491 | 6.1 | 3<br>4.3 | I | |
| Toxic by inhalation liquid, water-reactive, flammable, n.o.s.* | 3490 | 6.1 | 3<br>4.3 | I | |
| Toxic by inhalation liquid, water-reactive, n.o.s.* | 3386 | 6.1 | 4.3 | I | |
| Toxic by inhalation liquid, water-reactive, n.o.s.* | 3385 | 6.1 | 4.3 | I | |
| Tributylphosphane | 3254 | 4.2 | | I | |
| Trichloroacetyl chloride | 2442 | 8 | | II | |
| Trichlorosilane | 1295 | 4.3 | 3<br>8 | I | |
| Trimethylacetyl chloride | 2438 | 6.1 | 3<br>8 | I | |
| Water-reactive solid, oxidizing, n.o.s.* | 3133 | 4.3 | 5.1 | III | |
| Water-reactive solid, oxidizing, n.o.s.* | 3133 | 4.3 | 5.1 | II | |
| Wool waste, wet | 1387 | 4.2 | | III | |
| Zirconium powder, dry | 2008 | 4.2 | | I | |
| Zirconium scrap | 1932 | 4.2 | | III | |

— END —