DANGEROUS GOODS PANEL

Dubai, 31 March to 4 April 2003

Agenda Item 2: Development of recommendations for amendments to the Technical Instructions for incorporation in the 2005/2006 edition

DRAFT AMENDMENTS TO THE TECHNICAL INSTRUCTIONS TO ALIGN TO THE RECOMMENDATIONS - TABLE 3-1

(Presented by the Secretary)

SUMMARY

Below are the draft amendments to Table 3-1 to reflect the decisions taken by the UN Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals at the first session (Geneva, 11 to 13 December 2002)

1. **INTRODUCTION**

Amendments to Table 3-1 are presented in the attachment. Due to the reformatting of the packing instructions exercise, no information is presented for columns 9 to 12 of Table 3-1 at this time. However, it is suggested that a number of new entries e.g Toxic by inhalation substances (UN 3381 to UN 3390) should be forbidden on both passenger and cargo aircraft. A complete Table 3-1, as modified by the decisions of WG03, will be presented for DGP/19.

| Тур | e Shipname | Othername | UN# | Clas | s Sub | r Labels | Var | SP | PG |
|---------|---|-------------------------------------|------|--|-------|------------------|--------------------------------------|------------------|----------|
| ADD | Butadienes and hydrocarbon mixture, stabilized, | containing more than 40% butadienes | 1010 | 2.1 | | Gas flammable | AU 1 CA 7 GB 3 NL 1 US 3 | A1 | |
| DLD | Diethylzinc | | 1366 | 4.2 | 4.3 | | | | |
| MOD | | | | 1 | 1 | | | A141 | |
| OLD | Dimethylzinc | | 1370 | 4.2 | 4.3 | | | | <u> </u> |
| MOD | | | | 1 | 1 | | 1 | A141 | |
| DEL | Alkali metal amalgam, solid | | 1389 | 4.3 | 1 | Danger if wet | | A84 | - |
| OLD | Alkali metal amalgam, solid | | 1389 | 4.3 | | Danger if wet | | A84 | - |
| MOD | | | 3401 | | 1 | | | | <u> </u> |
| OLD | Alkaline earth metal amalgam | | 1392 | 4.3 | | Danger if wet | <u> </u> | A85 | - |
| MOD | Alkaline earth metal amalgam, liquid | | | | 1 | | 1 | | <u> </u> |
| OLD | Potassium metal alloys | | 1420 | 4.3 | | Danger if wet | AU 1 CA 7 GB 3 NL 1 US 3 | A1 | |
| ИOD | Potassium metal alloys, liquid | | | 1 | | | | | |
| OLD | Potassium sodium alloys + | | 1422 | 4.3 | 1 | Danger if wet | <u> </u> | | I |
| ИOD | Potassium sodium alloys, liquid + | | | <u> </u> | | | 1 | | |
| OLD | Barium chlorate | | 1445 | 5.1 | 6.1 | Oxidizer - Toxic | | | 11 |
| MOD | Barium chlorate, solid | | | <u> </u> | | | † | | |
| OLD | Barium perchlorate | | 1447 | 5.1 | 6.1 | Oxidizer - Toxic | | | |
| MOD | Barium perchlorate, solid | | | | | | | | |
| DLD | Chlorate and magnesium chloride mixture | | 1459 | 5.1 | | Oxidizer | | А3 | Ш |
| | | | | | | | | | III |
| MOD | Chlorate and magnesium chloride mixture, solid | | | | | | | | |
|)LD | Lead perchlorate | | 1470 | 5.1 | 6.1 | Oxidizer - Toxic | | | II |
| /OD | Lead perchlorate, solid | | | | | | 1 | | |
| DLD | Chlorodinitrobenzenes, solid | | 1577 | 6.1 | | Toxic | İ | A113 | Ш |
| лор | | | 3441 | | 1 | | 1 | | |
| DEL | Chloronitrobenzenes, liquid | | 1578 | 6.1 | | Toxic | Ī | A113 | Ш |
| OLD | Chloronitrobenzenes, liquid | | 1578 | 6.1 | | Toxic | İ | A113 | Ш |
| MOD | == | | 3409 | | | | 1 | | |
| OLD | 4-Chloro-o-toluidine hydrochloride | | 1579 | 6.1 | | Toxic | US 4 | | Ш |
| ИOD | 4-Chloro-o-toluidine hydrochloride, solid | | | | | | 1 | | |
| DLD | Chloropicrin mixture, n.o.s. | | 1583 | 6.1 | | | AU 1 CA 7 GB 3 NL 1 US 3 | 1 | |
| MOD | | | | | | | | A2 A3 A136 | |

| Тур | e Shipname | Othername | UN# | Class Su | ıbr Labels | Var | SP | PG |
|------|------------------------------------|-----------|------|----------|------------|--------------|----------|----------|
| OLD | Dichloroanilines, solid | | 1590 | 6.1 | Toxic | | A113 | H |
| MOD | | | 3442 | | | | | |
| OLD | Dinitrobenzenes, liquid | | 1597 | 6.1 | Toxic | US 4 | | II |
| MOD | | | | | | | A3 | |
| | .,, | 1 | | | | | | |
| OLD | Dinitrobenzenes, solid | | 1597 | 6.1 | Toxic | US 4 | | |
| MOD | | | 3443 | | | | | |
| OLD | beta-Naphthylamine | | 1650 | 6.1 | Toxic | US 4 | | II |
| MOD | beta-Naphthylamine, solid | | | | | | | |
| OLD | Nicotine hydrochloride | | 1656 | 6.1 | Toxic | US 4 | A6 | ii |
| MOD | Nicotine hydrochloride, liquid | | | | | | A6 | |
| | | | | | | | A3 | |
| | | | | | | | | III |
| OLD | Nicotine hydrochloride solution | | 1656 | 6.1 | Toxic | US 4 | A6 | Ш |
| MOD | Nicotine hydrochloride, solution | | | | | | A6 | |
| | | | | <u> </u> | 1 | | A3 | <u> </u> |
| | , | | | | | | | 111 |
| | Nicotine sulphate, solid | | 1658 | 6.1 | Toxic | US 4 | | II |
| MOD. | | | 3445 | | | | ļ | |
| | Nitrotoluenes, solid | | 1664 | 6.1 | Toxic | | | |
| MOD | | | 3446 | | | | | |
| | Nitroxylenes, solid | | 1665 | 6.1 | Toxic | | | Ш |
| MOD | | | 3447 | | | | | |
| | Potassium cyanide | | 1680 | 6.1 | Toxic | US 4 | | 1 |
| MOD | Potassium cyanide, solid | | | | | | | |
| OLD | Sodium cyanide | | 1689 | 6.1 | Toxic | US 4 | | I |
| MOD | Sodium cyanide, solid | | | | | | | |
| OLD | Sodium fluoride | | 1690 | 6.1 | Toxic | | | 111 |
| MOD | Sodium fluoride, solid | | | | | | | |
| OLD | Tear gas substance, solid, n.o.s.* | | 1693 | 6.1 | Toxic | AU 1 | | |
| | | | | | | CA 7 GB 3 | 1 | |
| | | | | | | NL 1 | | |
| | | | | | | US 3 | | |
| | | | | | | | | П |
| | | | | | | | | 111 |
| MOD | | | 3448 | | | | <u> </u> | |
| | | | | | | | | 1 |
| | | | | | | | | |
| OLD | Bromobenzyl cyanides, solid | | 1694 | 6.1 | Toxic | AU 1 | A1 | ļi — |
| | a, unes | | | | | CA 7 | A29 | |
| | | | | | | GB 3 NL 1 | | |
| | | | | | | US 3 | | |
| MOD | | | 3449 | + | | | | <u> </u> |
| | Chloroacetophenone, liquid | | 1697 | 6.1 | Toxic | AU 1 | A1 | |
| | | | | | | CA 7 | | |

| Тур | e Shipname | Othername | UN# | Class | Sub | r Labels | Var | SP | PG |
|-----|---|---|--|----------|----------|-------------------|--|--|-----|
| | | | | | | | GB 3 NL 1 US 3 | | |
| MOD | | | | | | | | | |
| OLD | Chloroacetophenone, liquid | | 1697 | 6.1 | | Toxic | AU 1 CA 7 GB 3 NL 1 US 3 | | II |
| MOD | | | 3416 | | | | | | |
| OLD | Diphenylchloroarsine, solid | | 1699 | 6.1 | | Toxic | | | I |
| MOD | | | 3450 | | | | | | |
| OLD | Xylyl bromide | | 1701 | 6.1 | | Toxic | AU 1 CA 7 GB 3 NL 1 US 3 | A1 | II |
| MOD | Xylyl bromide, liquid | | 1 | 1 | <u> </u> | | | | |
| OLD | Toluidines, solid | | 1708 | 6.1 | | Toxic | US 4 | A113 | |
| MOD | | | 3451 | 1 | | 1 | 1 | 1 | l |
| OLD | 2,4-Toluylenediamine | | 1709 | 6.1 | | Toxic | | | |
| MOD | 2,4-Toluylenediamine, solid | | | 1 | | | | | l |
| OLD | Xylidines, solid | | 1711 | 6.1 | <u> </u> | Toxic | | | |
| MOD | | | 3452 | <u> </u> | <u> </u> | | 1 | | |
| OLD | Boron trifluoride acetic acid complex | | 1742 | 8 | <u> </u> | Corrosive | 1 | | II |
| MOD | l Boron trifluoride acetic acid complex, liquid | | | 1 | <u> </u> | | 1 | 1 | |
| OLD | l Boron trifluoride propionic acid complex | | 1743 | 8 | 3-8 | Corrosive | 1 | | II |
| MOD | Boron trifluoride propionic acid complex, liquid | | | | | | | | |
| OLD | Calcium hypochlorite mixture, dry | with more than 39% available chlorine (8.8% available oxygen) | 1748 | 5.1 | | Oxidizer | US 4 | | II |
| MOD | | | | | | | | A134 A135 A137 | |
| | | | | | <u> </u> | | <u> </u> | | Ш |
| OLD | Calcium hypochlorite, dry | | 1748 | 5.1 | <u> </u> | Oxidizer | US 4 | | |
| MOD | | | | | | | | A134 A135 A137 | |
| | | | | | | | | Ì | Ш |
| OLD | Phosphoric acid, liquid | | 1805 | 8 | | Corrosive | | | III |
| MOD | Phosphoric acid, solution | | | | | | 1 | A3 | |
| OLD | Phosphoric acid, solid | | 1805 | 8 | | Corrosive | | | Ш |
| MOD | | | 3453 | | | | | | |
| OLD | Potassium hydrogendifluoride, solid | | 1811 | 8 | 6.1 | Corrosive - Toxic | 1 | | II |
| | Potassium hydrogen difluoride solid | | | | | | <u>† </u> | | |
| OLD | Potassium fluoride | | 1812 | 6.1 | | Toxic | | <u> </u> | III |
| | Potassium fluoride, solid | | | <u> </u> | <u> </u> | | | <u> </u> | |
| | • | | | | | L | 1 | | l |

| Type Shipname | Othername | UN# | Class | Subr | Labels | Var | SP | PG |
|---|---|------|--|--------------|-------------------|--------------|--|------------|
| OLD Tetramethylammonium hydroxide | | 1835 | 8 | | Corrosive | | | 11 |
| MOD Tetramethylammonium hydroxide soluti | on | | 1 | | | | A3 | |
| | | 1 | | | | | | Ш |
| OLD Ammonium dinitro-o-cresolate | | 1843 | 6.1 | | Toxic | | | П |
| MOD Ammonium dinitro-o-cresolate, solid | | | 1 | | | | | |
| OLD Bromoacetic acid | | 1938 | 8 | | Corrosive | | | 11 |
| MOD Bromoacetic acid solution | | | | | | | | |
| OLD Bromoacetic acid | | 1938 | 8 | | Corrosive | | | 11 |
| MOD Bromoacetic acid solution | | 1 | | | | | А3 | |
| | | 1 | | | | | | Ш |
| DEL Metal alkyls, water-reactive, n.o.s.* | | 2003 | 4.2 | 4.3 | | | | |
| DEL Metal aryls, water-reactive, n.o.s.* | | 2003 | 4.2 | 4.3 | | | | |
| OLD Magnesium diphenyl | | 2005 | 4.2 | | | | | |
| MOD | | | 1 | | | | A141 | |
| QLD Dinitrotoluenes, solid | | 2038 | 6.1 | | Toxic | US 4 | | II |
| MOD | | 3454 | | | | | | |
| OLD Acrylamide | 35 141- | 2074 | 6.1 | | Toxic | | l | 111 |
| MOD Acrylamide, solid | | | 1 | | | | | l |
| OLD Cresols, solid | | 2076 | 6.1 | 8 | Toxic - Corrosive | | 1 | 11 |
| MOD | | 3455 | † | | | | İ | |
| OLD Calcium hypochlorite mixture, dry | with more than 10% but not more than 39% available chlorine | 2208 | 5.1 | ! | Oxidizer | US 4 | | l III |
| MOD | | | | | | | A134 A135 | |
| OLD Chlorobenzyl chlorides | | 2235 | 6.1 | | Toxic | | | 111 |
| MOD Chlorobenzyl chlorides, liquid | | | | | | | | |
| OLD 3-Chloro-4-methylphenyl isocyanate | | 2236 | 6.1 | | Toxic | | <u> </u> | 11 |
| MOD 3-Chloro-4-methylphenyl isocyanate, lic | quid | 1 | | | | | | |
| DEL Chlorotoluidines, liquid | | 2239 | 6.1 | l | Toxic | | l | III |
| DEL Chlorotoluidines, liquid | | 2239 | 6.1 | <u> </u> | Toxic | | | III |
| OLD Chlorotoluidines, liquid | | 2239 | 6.1 | | Toxic | | | III |
| MOD | | 3429 | | <u> </u> | | | l | |
| OLD Xylenols | | 2261 | 6.1 | | Toxic | | | II |
| MOD Xylenols, solid | | | 1 | | | | <u> </u> | |
| OLD Nitrobenzotrifluorides | | 2306 | 6.1 | | Toxic | <u> </u> | | |
| MOD Nitrobenzotrifluorides, liquid | | 1 | | <u> </u> | | | | l |
| OLD Nitrosylsulphuric acid, solid | | 2308 | 8 | <u> </u> | Corrosive | | | H |
| MOD | | 3456 | 1 | | | | <u> </u> | l |
| DEL Polychlorinated biphenyls, solid | | 2315 | 9 | | Miscellaneous | US 4 | L | |
| OLD Polychlorinated biphenyls, solid | | 2315 | 9 | 1 | Miscellaneous | US 4 | l | II |
| MOD | | 3432 | | | <u> </u> | 1 | A11 | |
| OLD Chloronitrotoluenes, solid | | 2433 | 6.1 | <u> </u> | Toxic | 1 | l | |
| MOD | | 3457 | 1 | <u> </u> | | <u> </u> | <u> </u> | <u> </u> |
| OLD Lithium alkyls | | 2445 | 4.2 | 4.3 | | <u> </u> | <u> </u> | |
| MOD Lithium alkyls, liquid | | + | | I | | <u> </u> | A141 | |
| | | | 1 | ļ | | | L | |

| | | | | | | | | PG |
|-----|---|--|------|--|----------------------|----------------------|--------------|--|
| | Nitrocresols | | 2446 | 6.1 | Toxic | | ĺ | III |
| MOD | Nitrocresols, solid | | | | | <u> </u> | | |
| OLD | 2-Chloropropionic acid, solution | | 2511 | 8 | Corrosive | _ | | |
| MOD | 2-Chloropropionic acid | | | | | <u> </u> | A3 | |
| DEL | 2-Chloropropionic-acid, solid | | 2511 | 8 | Corrosive | 1 | | Ш |
| OLD | Hexafluoroacetone hydrate | | 2552 | 6.1 | Toxic | 1. | | II |
| MOD | Hexafluoroacetone hydrate, liquid | | | | · | 1 | | |
| OLD | Hydroquinone | | 2662 | 6.1 | Toxic | | | III |
| MOD | Hydroquinone, solid | | | | | 1 | | |
| OLD | Chlorocresols, liquid | | 2669 | 6.1 | Toxic | 1 | | II |
| MOD | Chlorocresols solution | | | | | 1 | A3 | |
| | | | | | | | | III |
| OLD | Nitroanisole, solid | | 2730 | 6.1 | Toxic | | A113 | III |
| MOD | Nitroanisoles, solid | | 3458 | | | | <u> </u> | |
| OLD | Nitrobromobenzene, solid | | 2732 | 6.1 | Toxic | | | III |
| MOD | Nitrobromobenzenes, solid | | 3459 | | | 1 | | |
| OLD | N-Ethylbenzyltoluidines, solid | | 2753 | 6.1 | Toxic | <u> </u> | <u> </u> | |
| MOD | | | 3460 | | | 1 | <u> </u> | <u> </u> |
| DLD | Toxic liquid, organic, n.o.s.* | | 2810 | 6.1 | Toxic | | A3 A4 | l |
| | | | | | | | | |
| | <u> </u> | <u> </u> | | | | + | <u> </u> | |
| MOD | <u> </u> | | | | | | A3 | <u> </u> |
| | | | | | | | A4 | |
| | | | | | | | A136 | |
| | | | | | | | | |
| | | | | | | | | |
| OLD | Infectious substance, affecting humans* | | 2814 | 6.2 | Infectious | AU 3 CA 4 VU 2 | | |
| MOD | Infectious substance, affecting humans | | | | | | A81 | <u> </u> |
| | | | | | | | A139 | |
| OLD | Refrigerating machines | containing non-flammable, non-toxic, liquefied gas or ammonia solution (UN 2672) | 2857 | 2.2 | Gas non-flammable | | A26 | |
| MOD | | containing non-flammable, non-toxic gases or ammonia solution (UN 2672) | | | | | | |
| OLD | Calcium hypochlorite, hydrated | with not less than 5.5% but not more than 10% water | 2880 | 5.1 | Oxidizer | US 4 | | |
| MOD | | | | 1 1 | | 1 | A134 | |
| | | | | | | | A135 | |
| | | | | | | | A137 | |
| | | | | | | | | 111 |
| OLD | Calcium hypochlorite, hydrated mixture | with not less than 5.5% but not more than 10% water | 2880 | 5.1 | Oxidizer | US 4 | | 11 |
| ИOD | | | | | | | A134 A135 | ı |

| Тур | e Shipname | Othername | UN# | Class | Subr | Labels | Var | SP | PG |
|------|---|---------------------------------|-------|----------|------|-------------------|--|-------------|--------------|
| | | | | | | | | A137 | |
| | | | | | | | İ | | Ш |
| OLD | Infectious substance, affecting animals* | only | 2900 | 6.2 | | Infectious | AU 3 | A81 | |
| | | | | | | | CA 4 | | |
| | | | | <u> </u> | | | VU 2 | 1 4 0 4 | <u> </u> |
| MOD | Infectious substance, affecting animals | | | | | | | A81 A139 | |
| OLD | Radioactive material, low specific activity | non-fissile or fissile excepted | 2912 | 7 | | Radioactive | | A78 | <u> </u> |
| | (LSA-I), | | | | | | | | |
| MOD | | | | | | | | A78 | |
| | | | | <u> </u> | | | | A138 | <u> </u> |
| OLD | Radioactive material, surface contaminated objects (SCO-I or SCO-II), | non-fissile or fissile excepted | 2913 | 7 | | Radioactive | | A78 | |
| MOD | | | | <u> </u> | | | | A78 | <u> </u> |
| viob | | | | | | | | A138 | |
| OLD | Radioactive material, Type A package, | non-fissile or fissile excepted | 2915 | 7 | | Radioactive | <u> </u> | A78 | |
| * | non-special form, | | | | | | | | |
| MOD | | | | | | | | A78 | |
| 01.0 | Dedicactive meterial Type D(II) postere | Inon finally or finally avanted | 12016 | 17 | | Dedicactive | 1 | A138 | |
| MOD | Radioactive material, Type B(U) package, | non-fissile or fissile excepted | 2916 | 7 | | Radioactive | <u> </u> | A78 A78 | |
| VIOD | | | | | | | | A138 | |
| OLD | Radioactive material, Type B(M) package, | non-fissile or fissile excepted | 2917 | 7 | | Radioactive | 1 | A78 | <u> </u> |
| MOD | | | 1 | <u> </u> | | | <u> </u> | A78 | <u> </u> |
| | | | | | | | | A138 | |
| OLD | Radioactive material, transported under | non-fissile or fissile excepted | 2919 | 7 | | Radioactive | | A78 | |
| | special arrangement, | | | | | | <u> </u> | | <u> </u> |
| MOD | | | | | | | | A78 A138 | |
| OLD | Toxic liquid, corrosive, organic, n.o.s.* | | 2927 | 6.1 | 8 | Toxic - Corrosive | 1 | | |
| | | | 1 | | | | 1 | <u> </u> | |
| | <u> </u> | | | | | | <u> </u> | | |
| MOD | | | 1 | 1 | | | <u> </u> | A4 | <u> </u> |
| | | | | | | | | A136 | |
| | | | | | | | | | |
| | | | | | | | | | |
| OLD | Toxic liquid, flammable, organic, n.o.s.* | | 2929 | 6.1 | | Toxic - Liquid | | A4 | 1 |
| | | | | <u> </u> | | flammable | <u> </u> | | <u> </u> |
| | | | | | | | <u> </u> | <u> </u> | |
| MOD | | 1 | | | | | | Δ4 | |
| MOD | | | | | | | | A4 A136 | |
| | en en en en en en en en en en en en en e | <u> </u> | | | | | <u> </u> | <u> </u> | - |
| | | | | 1 | | | 1 | | <u> </u> |
| OLD | alpha-Methylbenzyl alcohol | | 2937 | 6.1 | | Toxic | | | |
| | alpha-Methylbenzyl alcohol, liquid | | | | | | | | |
| | Radioactive material, uranium | non-fissile or fissile excepted | 2978 | 7 | 8 | Radioactive - | <u> </u> | <u> </u> | <u> </u> |
| | hexafluoride, | | | 1 | | Corrosive | | ŀ | 1 |

| Type Shipname | Othername | UN# | Class | Subr | Labels | Var | SP | PG |
|--|---|--|--------------|----------|-------------------|--|-------------|----------|
| MOD | | | | | | 1 | A138 | 1 |
| DEL Metal alkyl halides, water-reactive, n.o.s.* | 1 | 3049 | 4.2 | 4.3 | | | | |
| DEL Metal aryl halides, water-reactive, n.o.s.* | | 3049 | 4.2 | 4.3 | 1 | 1 | | |
| DEL Metal alkyl hydrides, water-reactive, | | 3050 | 4.2 | 4.3 | | 1 | | |
| n.o.s.* | | | | | | | | |
| DEL Metal aryl hydrides, water-reactive, n.o.s.* | | 3050 | 4.2 | 4.3 | | | | |
| OLD Aluminium alkyls | | 3051 | 4.2 | 4.3 | | | | |
| MOD | | | | | | | A141 | |
| OLD Aluminium alkyl halides, liquid | | 3052 | 4.2 | 4.3 | | | | |
| MOD | | | | | | | A141 | |
| OLD Aluminium alkyl halides, solid | | 3052 | 4.2 | 4.3 | | | | |
| MOD | | 3461 | | | | | A141 | |
| OLD Magnesium alkyls | | 3053 | 4.2 | 4.3 | | | | |
| MOD | | | | | | | A141 | |
| OLD Aluminium alkyl hydrides | | 3076 | 4.2 | 4.3 | | | | Ì |
| MOD | | | | | | | A141 | |
| OLD Toxic liquid, oxidizing, n.o.s.* | | 3122 | 6.1 | 5.1 | Toxic - Oxidizer | | A4 | ı |
| | | | 1 | • | | 1 | 1 | II |
| | | | <u> </u> | <u> </u> | | | | III |
| MOD | | | | | | | A4 | |
| | | | | | | | A136 | |
| | | | | | | | | |
| | | | İ | | | | | |
| OLD Toxic liquid, water-reactive, n.o.s.* | | 3123 | 6.1 | 4.3 | Toxic - Danger if | | A4 | I |
| | | | | | wet | | | |
| | | | | | | | | |
| | | | | | | | | 111 |
| MOD | | | | | | | A4 | |
| | | ļ | | | | | A136 | |
| | | <u> </u> | <u> </u> | <u> </u> | 1 | ļ | | |
| | | 12122 | | | | ļ | 1.0- | |
| DLD Engines, internal combustion (flammable gas powered) | including where fitted in machinery or vehicles | 3166 | 9 | | Miscellaneous | | A67 A70 | |
| gue perioreu) | or vollisies | | | | | | A87 | |
| | | | | | | | A121 | |
| MOD | | | | | | | A67 | |
| | | | | | | | A70 A87 | |
| | | | | | | | A121 | |
| | | | | | | | A133 | |
| OLD Engines, internal combustion (flammable | including where fitted in machinery | 3166 | 9 | | Miscellaneous | | A67 | |
| liquid powered) | or vehicles | | | | | | A70 | |
| | | | | | | | A87 A121 | |
| MOD | | | | <u> </u> | | 1 | A121 | <u> </u> |
| | | | | | | | A70 | |
| | | | | | | | A87 | |
| | | | | | | | A121 | |
| | | | | | | | A133 | |

| тур | e Shipname | Othername | UN# | Class | Subr | Labels | Var | SP | PG |
|-----|--|---|----------|-------|------|-------------------------------------|----------|---|----------|
| OLD | Vehicle (flammable gas powered) | including when containing an internal combustion engine | 3166 | 9 | | Miscellaneous | | A67 A70 A87 A118 A120 | |
| 1OD | | | | | | | | A67 A70 A87 A118 A120 A133 | |
| OLD | Vehicle (flammable liquid powered) | including when containing an internal combustion engine | 3166 | 9 | | Miscellaneous | | A67 A70 A87 A118 A120 | |
| MOD | | | | | | | | A67 A70 A87 A118 A120 A133 | |
| LD | Toxins, extracted from living sources, solid, n.o.s.* | | 3172 | 6.1 | | Toxic | | A3 A43 | I |
| | | | | | | | | | |
| IOD | | | 3462 | | | | | | |
| | | | <u> </u> | | | | <u> </u> | <u> </u> | <u> </u> |
| | Pyrophoric organometallic compound, water-reactive, n.o.s.* | | 3203 | 4.2 | 4.3 | | | | |
| | Organometallic compound dispersion, water-reactive, flammable, n.o.s.* | | 3207 | 4.3 | 3 | Danger if wet - Liquid flammable | | A3 | |
| | | | | | | | | | Ш |
| | Organometallic compound solution, water-reactive, flammable, n.o.s.* | | 3207 | 4.3 | | Danger if wet - Liquid flammable | | A3 | 111 |
| | | | | 1 | | · · | <u> </u> | | H |
| | | | | | | | <u> </u> | | III |
| | Organometallic compound, water-reactive, flammable, n.o.s.* | | 3207 | 4.3 | 1 | Danger if wet - Liquid flammable | | А3 | I |
| | | | | | | | | | II |
| | | | | | | | | <u> </u> | 111 |
| LD | Nitriles, toxic, flammable, n.o.s.* | | 3275 | 6.1 | 1 | Toxic - Liquid flammable | | A4 | I |
| | | | | | | | | | II |
| | | | | | | | <u> </u> | <u> </u> | |
| OD | | | | | | | | A4 A136 | |

| Тур | e Shipname | Othername | UN# | Class | Subr | Labels | Var | SP | PG |
|-----|--|-----------|----------|----------|----------|---------------------------------------|-----|--|--|
| OLD | Nitriles, liquid, toxic, n.o.s.* | | 3276 | 6.1 | | Toxic | | A3 | I |
| | NF-10 | | | | <u> </u> | | | A4 | ļ |
| | | | | <u> </u> | ļ | | _ | | II |
| | | | | ļ | ļ | | | 1 | III |
| MOD | Nitriles, toxic, liquid, n.o.s.* | | | | | | | A3 A4 | |
| | | | | | | | | A136 | |
| | | | l | <u> </u> | | | | 1 | <u> </u> |
| | | | | | | | | 1 | <u> </u> |
| OLD | Nitriles, solid, toxic, n.o.s.* | | 3276 | 6.1 | | Toxic | | A3 | <u> </u> |
| | | | 52. 5 | | | . 67.110 | | A4 | ľ |
| | | | <u> </u> | <u> </u> | | | | | |
| | | | | <u> </u> | | | | 1 | |
| MOD | | <u> </u> | 3439 | | <u> </u> | | | |]] |
| - | | | | <u> </u> | <u> </u> | | | <u> </u> | <u> </u> |
| | | | | | | | | <u> </u> | l |
| OLD | Organophosphorus compound, liquid, | | 3278 | 6.1 | | Toxic | | A3 | 1 |
| | toxic, n.o.s.* | | | | | | | A4 | |
| - | | | | | | | | A6 | |
| | | | | | | | | | Ш |
| | | | | | | | | | III |
| MOD | Organophosphorus compound, toxic, | | | ĺ | | | | A3 | |
| | liquid, n.o.s.* | | | | | | | A4 | |
| | | | | | | | | A6 A136 | |
| | | | | <u> </u> | 1 | | - | 1 | <u> </u> |
| | | | <u> </u> | | | | _ | | |
| חום | Organophosphorus compound, solid, toxic, | | 3278 | 6.1 | 1 | Toxic | + | A3 | l I i |
| | n.o.s.* | | 10270 | 0.1 | | TOXIC | | A5 | • |
| | | | | | | | | A6 | |
| | | | | | | | | | 11 |
| | | | | | | | | | III |
| MOD | Organophosphorus compound, toxic, solid, | | 3464 | <u> </u> | | | 1 | A3 | |
| | n.o.s.* | | | | | | | A5 | |
| | · | | | | | | | A6 A136 | |
| | | | | <u> </u> | 1 | | | 1 130 | <u> </u> |
| | | | | | ļ | l Andread (n) and a second | | | l I |
| חור | Organophosphorus compound toxic | | 3279 | 61 | 3 | Toylo Lieuid | | 104 | |
| JLU | Organophosphorus compound, toxic, flammable, n.o.s.* | | . 3279 | 6.1 | 3 | Toxic - Liquid flammable | | A4 A6 | ' |
| | | | | | | | 1 | | |
| MOD | · · | | | 1 | | | | A4 | <u> </u> |
| | | | | | | | | A6 | |
| | | | | | | | | A136 | |
| | | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| OLD | Organoarsenic compound, n.o.s.*, | liquid | 3280 | 6.1 | | Toxic | | A3 | I |
| | | | | | | | | A4 | |
| | | | | | | | | | Ш |
| | | | | | | | | | Ш |

| Тур | e Shipname | Othername | UN# | Class | Subr Labels | Var | SP | PG |
|------|---|---|-------|----------|--|-----|----------|--|
| MOD | Organoarsenic compound, liquid, n.o.s.*, | ###################################### | | | | | A3 A4 | |
| | | | | <u> </u> | | | A136 | |
| | | 1 | | 1 | <u> </u> | | 1 | <u> </u> |
| OLD | Organoarsenic compound, n.o.s.*, | solid | 3280 | 6.1 | Toxic | | A3 | <u> </u> |
| | | | | | | | A5 | |
| | | | | | | | | Ш |
| 400 | 0 | | 0.405 | | | | ļ | |
| MOD | Organoarsenic compound, n.o.s.*, solid | ####################################### | 3465 | | | | <u> </u> | |
| - | | | | | | | <u> </u> | <u> </u> |
| OLD | Metal carbonyls, n.o.s.*, | liquid | 3281 | 6.1 | Toxic | | A3 | |
| | | | | | | | A4 | |
| | | | | | | | | 11 |
| | | | | | | | <u> </u> | 111 |
| MOD | Metal carbonyls, liquid, n.o.s.*, | ###################################### | | | | | A3 A4 | |
| | | | | | | | A136 | |
| | | | | | | | | |
| | | | | | | | | |
| OLD | Metal carbonyls, n.o.s.*, | solid | 3281 | 6.1 | Toxic | | A3 A5 | 1 |
| | | | | | | | | 11 |
| | Matalandanada adiida a a * | 1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 10400 | | | | | 111 |
| MOD | Metal carbonyls, solid, n.o.s.* | ###################################### | 3466 | | | | | |
| - | | | | | | | l | |
| OLD | Organometallic compound, toxic, n.o.s., | liquid | 3282 | 6.1 | Toxic | i i | A3 | ı |
| | | | | | | | A4 | |
| | | | | | | | | 11 |
| | | | | | | | <u> </u> | III |
| MOD | Organometallic compound, toxic, liquid, n.o.s.* | | | | | | | |
| | | | | | | | | |
| ח וכ | Organometallic compound, toxic, n.o.s.*, | solid | 3282 | 6.1 | | | 1 4 2 | 1 |
| | organometalilo compound, toxic, n.o.s.", | Joung | 3202 | 0.1 | Toxic | | A3 A5 | 1 |
| | | | | | | | | II |
| | | | | | | | | Ш |
| MOD | Organometallic compound, toxic, solid, n.o.s.* | ####################################### | 3467 | | | | | |
| | 11.0.0. | | | | | | <u> </u> | |
| | | | | | | | | |
| OLD | Selenium compound, n.o.s | | 3283 | 6.1 | Toxic | | A3 A5 | ı |
| | | | | | | | | 11 |

| Тур | e Shipname | Othername | UN# | Class | Subr | Labels | Var | SP | PG |
|------|---|--|----------|----------|--|-------------------|--|--|----------|
| | | | | | | | | | Ш |
| MOD | Selenium compound, solid, n.o.s | | | | | | | | <u> </u> |
| | | | | | | | 1 | | |
| | | | |] | [| | | 1 | |
| OLD | l Toxic liquid, inorganic, n.o.s.* | | 3287 | 6.1 | <u> </u> | l Toxic | | A3 | 1 |
| | | | | | | | | A4 | |
| | | | | <u> </u> | <u> </u> | | 1 | 1 | 11 |
| | | | | | | | Ī | 1 | 111 |
| MOD | | | | <u> </u> | | | 1 | A3 | |
| | | | | | | | | A4 | |
| | | | | | | | | A136 | |
| | | | | | | | | | |
| | | | | | | | | | |
| OLD | Toxic liquid, corrosive, inorganic, n.o.s.* | | 3289 | 6.1 | 8 | Toxic - Corrosive | ĺ | A4 | ļi |
| | | | | i | | | 1 | 1 | 11 |
| | | | | | | | 1 | | 111 |
| MOD | | | | 1 | | | 1 | A4 | <u> </u> |
| | | | | | | | | A136 | |
| | | | | | İ | | İ | Ì | |
| | | | | | | | 1 | <u> </u> | |
| OLD | Chemical sample, toxic, I | liquid or solid | 3315 | 6.1 | | | 1 | A106 | |
| MOD | Chemical sample, toxic | ################################### | | | | | | | |
| OLD | Radioactive material, low specific activity | non-fissile or fissile excepted | 3321 | 7 | | Radioactive | 1 | A78 | |
| | (LSA-II), | | | | | | | | |
| MOD | | | | | | | | A78 | |
| | | | | | | | | A138 | |
| OLD | Radioactive material, low specific activity | non-fissile or fissile excepted | 3322 | 7 | | Radioactive | | A78 | |
| | (LSA-III), | | | | | | <u> </u> | ļ | |
| MOD | | | | | | | | A78 A138 | |
| 21.0 | Dedicative metarial Time Charles | lana Sasila an Sasila avended | 12202 | ļ | <u> </u> | Dadiaastiss | <u> </u> | 1 | |
| | Radioactive material, Type C package, | non-fissile or fissile excepted | 3323 | 7 | | Radioactive | ļ | A78 | <u> </u> |
| MOD | | | | | | | | A78 A138 | |
| ם וס | Radioactive material, Type A package, | non-fissile or fissile excepted | 3332 | 7 | <u> </u> | Radioactive | <u> </u> | A78 | <u> </u> |
| | special form, | Then hoone of hoone excepted | 3332 |] | | | | " | |
| MOD | | | | | <u> </u> | | | A78 | <u> </u> |
| | | | | | | | | A138 | |
| DEL | Organometallic compound, solid, | | 3372 | 4.3 | 4.1 | Danger if wet - | | <u> </u> | I |
| | water-reactive, falammable, n.o.s | | | | | Solid flammable | | | |
| | | | | | | | Ì | | 11 |
| | | | | İ | | | | İ | 111 |
| ADD | Clinical specimens | | 3373 | 6.2 | | | <u> </u> | A140 | |
| OLD | Diagnostic specimen, | | 3373 | 6.2 | | | | | |
| MOD | Diagnostic specimen | 1 | 1 | | | | | A140 | |
| ADD | Sodium perborate monohydrate | | 3377 | 5.1 | | Oxidizer | | | III |
| | Sodium carbonate peroxyhydrate | | 3378 | 5.1 | <u> </u> | Oxidizer | - | | |
| | | | <u> </u> | <u> </u> | l | | | <u> </u> | III |
| | | 1 | 1 | | ĺ | | 1 | 1 | ш |

| Тур | e Shipname | Othername | UN# | Class | Subr | Labels | Var | SP | PG |
|-----|---|---|------|-------|------|--|-----|------|----|
| ADD | Desensitized explosive, liquid, n.o.s.* | | 3379 | 3 | | Liquid flammable | | A132 | ı |
| ADD | Desensitized explosive, solid, n.o.s.* | | 3380 | 4.1 | | Solid flammable | | A132 | ı |
| ADD | Toxic by inhalation liquid, n.o.s.* | with an inhalation toxicity lower than or equal to 200 ml/m3 and saturated vapour concentration greater than or equal to 500 LC50 | 3381 | 6.1 | | Toxic | | | - |
| ADD | Toxic by inhalation liquid, n.o.s.* | with an inhalation toxicity lower than or equal to 1000 ml/m3 and saturated vapour concentration greater than or equal to 10 LC 50 | 3382 | 6.1 | | | | | I |
| ADD | Toxic by inhalation liquid, flammable, n.o.s.* | with an inhalation toxicity lower than or equal to 200 ml/m3 and saturated vapour concentration greater than or equal to 500 LC50 | 3383 | 6.1 | 3 | Toxic - Liquid flammable | | | I |
| ADD | Toxic by inhalation liquid, flammable, n.o.s.* | with an inhalation toxicity lower than or equal to 1000 ml/m3 and saturated vapour concentration greater than or equal to 10 LC50 | 3384 | 6.1 | 3 | Toxic - Liquid flammable | - | | 1 |
| ADD | Toxic by inhalation liquid, water-reactive, n.o.s.* | with an inhalation toxicity lower than or equal to 200 ml/m3 and saturated vapour concentration greater than or equal to 500 LC50 | 3385 | 6.1 | 4.3 | Toxic - Danger if wet | | | 1 |
| ADD | Toxic by inhalation liquid, water-reactive, n.o.s.* | with an inhalation toxicity lower than or equal to 1000 ml/m3 and saturated vapour concentration greater than or equal to 10 LC50 | 3386 | 6.1 | 4.3 | Toxic - Danger if wet | | | 1 |
| ADD | Toxic by inhalation liquid, oxidizing, n.o.s.* | with an inhalation toxicity lower than or equal to 200 ml/m3 and saturated vapour concentration greater than or equal to 500 LC50 | 3387 | 6.1 | 5.1 | Toxic - Oxidizer | | | I |
| ADD | Toxic by inhalation liquid, oxidizing, n.o.s.* | with an inhalation toxicity lower than or equal to 1000 ml/m3 and saturated vapour concentration greater than or equal to 10 LC50 | 3388 | 6.1 | 5.1 | Toxic - Oxidizer | | | I |
| ADD | Toxic by inhalation liquid, corrosive, n.o.s.* | with an inhalation toxicity lower than or equal to 200 ml/m3 and saturated vapour concentration greater than or equal to 500 LC50 | 3389 | 6.1 | 8 | Toxic - Corrosive | | | 1 |
| ADD | Toxic by inhalation liquid, corrosive, n.o.s.* | with an inhalation toxicity lower than or equal to 1000 ml/m3 and saturated vapour concentration greater than or equal to 10 LC50 | 3390 | 6.1 | 8 | Toxic - Corrosive | | | 1 |
| ADD | Organometallic substance, solid, pyrophoric* | | 3391 | 4.2 | | Spontaneous combustion | | | I |
| ADD | Organometallic substance, liquid, pyrophoric* | | 3392 | 4.2 | | Spontaneous combustion | | | 1 |
| ADD | Organometallic substance, solid, pyrophoric, water reactive* | | 3393 | 4.2 | 4.3 | Spontaneous combustion - Danger if wet | | | I |
| ADD | Organometallic substance, liquid, pyrophoric, water reactive* | | 3394 | 4.2 | 4.3 | Spontaneous combustion - Danger if wet | | | I |
| \DD | Organometallic substance, solid, water | | 3395 | 4.3 | | Danger if wet | | A3 | ı |

| Тур | e Shipname | Othername | UN# | Class | Subr | Labels | Var | SP | PG |
|-----|---|--|-------|-------------|--|-------------------------------------|--------------|-------|------|
| | reactive* | | | | | | | | |
| | | | | | | | | | II |
| | | | | | | | | | Ш |
| ADD | Organometallic substance, solid, water reactive, flammable* | | 3396 | 4.3 | 4.1 | Danger if wet - Solid flammable | | A3 | |
| | <u> </u> | | | | | | |] | II |
| | <u> </u> | | | | <u> </u> | | <u> </u> | | |
| ADD | l Organometallic substance, solid, water | | 3397 | 4.3 | 4.2 | Danger if wet - | | A3 | 1 |
| | reactive, self-heating* | | | | | Spontaneous combustion | | | |
| | | | | | | | | 1 | П |
| | | | | | | | | | Ш |
| ADD | Organometallic substance, liquid, water reactive* | | 3398 | 4.3 | | Danger if wet | | A3 | I |
| | | | | | | | | | 11 |
| | | | | | | | | | 1111 |
| ADD | Organometallic substance, liquid, pyrophoric, water reactive, flammable* | | 3399 | 4.3 | 3 | Danger if wet - Liquid flammable | | A3 | I |
| | | | | | | | | | Ш |
| | | | ····· | | | | 1 | | III |
| ADD | Organometallic substance, solid, self-heating* | | 3400 | 4.2 | | Spontaneous combustion | | A3 | II |
| | | | | | | | 1 | | Ш |
| ADD | l Alkaline earth metal amalgam, solid | | 3402 | 4.3 | <u> </u> | Danger if wet | | A85 | 1 |
| ADD | Potassium metal alloys, solid | | 3403 | 4.3 | | Danger if wet | | | ī |
| ADD | Potassium sodium alloys, solid | | 3404 | 4.3 | | Danger if wet | | | ı |
| ADD | Barium chlorate solution | | 3405 | 5.1 | 6.1 | Oxidizer - Toxic | | A3 | П |
| | | | | | <u> </u> | | 1 | | III |
| ADD | Barium perchlorate solution | | 3406 | 5.1 | 6.1 | Oxidizer - Toxic | | A3 | II |
| | | | | | <u> </u> | | | | 111 |
| ADD | Chlorate and magnesium chloride mixture solution | | 3407 | 5.1 | | Oxidizer | | A3 | H |
| | | | | | | | | | Ш |
| ADD | Lead perchlorate solution | | 3408 | 5.1 | 6.1 | Oxidizer - Toxic | | A3 | Н |
| | | | | 1 | | | | | III |
| ADD | 4-Chloro-o-toluidine hydrochloride solution | | 3410 | 6.1 | 1 | Toxic | | A3 | III |
| ADD | beta-Naphthylamine solution | | 3411 | 6.1 | | Toxic | <u> </u> | A3 | II |
| | | | | | <u> </u> | | | | III |
| ADD | Potassium cyanide solution | <u>. </u> | 3413 | 6.1 | | Toxic | | A3 | 1 |
| | | | | | <u> </u> | | | | 11 |
| | | <u>. </u> | | <u> </u> | | | | | 111 |
| ADD | Sodium cyanide solution | | 3414 | 6.1 | | Toxic | | A3 | T |
| | | <u> </u> | | | <u> </u> | | | | 111 |
| | | | | | | | | | HI |
| ADD | l Sodium fluoride solution | | 3415 | 6.1 | | Toxic | | A3 | 111 |
| | L | | | 1 | 1 | | 1 | L | |

| Тур | e Shipname | Othername | UN# | Class | Subr | Labels | Var | SP | PG |
|-----|---|-----------|------|-------|------|--|-----|------|-----|
| ADD | 2,4-Toluylene-diamine solution | | 3418 | 6.1 | | Toxic | | A3 | Ш |
| ADD | Boron trifluoride acetic acid complex, solid | | 3419 | 8 | | Corrosive | | | П |
| ADD | Boron trifluoride propionic acid complex, solid | | 3420 | 8 | | Corrosive | | | |
| ADD | Potassium hydrogen difluoride solution | | 3421 | 8 | 6.1 | Corrosive - Toxic | | A3 | Ш |
| | | | | | | | | | Ш |
| ADD | Potassium fluoride solution | | 3422 | 6.1 | | Toxic | | A3 | Ш |
| ADD | Tetramethyl ammonium hydroxide, solid | | 3423 | 8 | | Corrosive | | Ì | II |
| ADD | Ammonium dinitro-o-cresolate solution | | 3424 | 6.1 | | Toxic | | A3 | П |
| | | | | | | | | | Ш |
| ADD | Bromoacetic acid, solid | | 3425 | 8 | | Corrosive | | | П |
| ADD | Acrylamide solution | | 3426 | 6.1 | | Toxic | | A3 | Ш |
| ADD | Chlorobenzyl chlorides, solid | | 3427 | 6.1 | | Toxic | | | Ш |
| ADD | 3-Chloro-4-methylphenyl isocyanate, solid | | 3428 | 6.1 | | Toxic | | | Ш |
| ADD | Xylenols, liquid | | 3430 | 6.1 | | Toxic | | | П |
| ADD | Nitrobenzotrifluorides, solid | | 3431 | 6.1 | | Toxic | | | П |
| ADD | Lithium alkyls, solid | | 3433 | 4.2 | 4.3 | Spontaneous combustion - Danger if wet | | A141 | Ì |
| ADD | Nitrocresols, liquid | | 3434 | 6.1 | | Toxic | İ | | Ш |
| ADD | Hydroquinone solution | | 3435 | 6.1 | | Toxic | | А3 | 111 |
| ADD | Hexafluoroacetone hydrate, solid | | 3436 | 6.1 | | Toxic | | | 11 |
| ADD | Chlorocresols, solid | | 3437 | 6.1 | | Toxic | | | П |
| ADD | alpha-Methylbenzyl alcohol, solid | | 3438 | 6.1 | | Toxic | | | Ш |
| ADD | Selenium compound, liquid, n.o.s. | | 3440 | 6.1 | | Toxic | | | I |
| | | | | | | | | | Ш |
| | | | | | | | | | III |
| ADD | Nicotine hydrochloride, solid | | 3444 | 6.1 | | | | A6 | 11 |
| ADD | Hydrogen in a metal hydride storage system | | 3468 | 2.1 | | Gas flammable | | A142 | |