

INF.30/Add.3 E

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

Working Party on the Transport of Dangerous Goods

Joint Meeting of the RID Safety Committee and the
Working Party on the Transport of Dangerous Goods
(Bern, 24-28 March 2003)

HARMONIZATION WITH THE UNITED NATIONS
MODEL REGULATIONS ON THE TRANSPORT OF DANGEROUS GOODS

Draft proposal of amendments to Part 3 of RID/ADR/ADN

Prepared by the UNECE secretariat

NOTE: The proposal is based on ST/SG/AC.10/29/Add.1.
Stricken out text means that the amendment does not seem relevant for RID/ADR/ADN.
Text in square brackets means that the relevance of the text for RID/ADR/AND should be discussed by the Working Group of the Joint Meeting.

PART 3

Chapter 3.1

3.1.2.2 (b) Replace the existing text with the following:

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

FERROUS METAL BORINGS
FERROUS METAL SHAVINGS
FERROUS METAL TURNINGS
FERROUS METAL CUTTINGS"

3.1.2.4 Replace the existing paragraph with the following text:

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

NITROXYLENES, LIQUID	6.1	1665
NITROXYLENES, SOLID	6.1	3447"

3.1.2.7 Replace "included" with "~~transported~~ carried".

~~3.1.2.8.1 Replace "their technical" with "the technical" in the first sentence.~~

3.1.2.8.1.3 Replace "UN 2003 METAL ALKYL, WATER-REACTIVE, N.O.S (trimethylgallium)" with "UN 3394 ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATER-REACTIVE (trimethylgallium)".

Chapter 3.2

~~3.2.1 Column 2 Add the following sentence at the end of the existing text:~~

~~"Unless otherwise indicated for an entry in the dangerous goods list, the word "solution" in a proper shipping name means one or more named dangerous goods dissolved in a liquid that is not otherwise subject to these Regulations."~~

Column 10 Add the following sentence at the end of the ~~existing text~~ first paragraph:

"Bulk container code - a code including the letters "BK" refers to types of bulk containers used for the ~~transport~~ carriage of bulk goods described in Chapter 6.8."

Dangerous Goods List

Amend the heading applicable to columns 10 and 11 to read: "UN Portable tanks and bulk containers". ~~Amend the heading of column 10, to read "Instructions" and the heading of column 11 to read "Special provisions".~~

~~UN Nos. 2014, 2427, 2428, 2429, 2626, 2984, 3098, 3099, 3139, 3149, 3210, 3211, 3213, 3214, 3216, 3218, and 3219, replace "kg" with "L" in column 7.~~

~~For UN Nos. 1611, 1704, 2936 replace "500 g" with "100 ml" in column 7, "P002 IBC08" with "P001 IBC02" in column 8, delete "B2, B4" in column 9 and add "T7" and "TP2" in columns 10 and 11 respectively.~~

~~For UN Nos. 1003, 1038, 1073, 1913, 1951, 1961, 1963, 1966, 1970, 1972, 1977, 2187, 2201, 2591, 3136, 3138, 3158, 3311 and 3312, replace "P200" with "P203" in column 8.~~

In the Dangerous Goods List, assign "TP5" in column 11 to each refrigerated liquid gas that is assigned "T75" in column 10. (Apply to UN Nos. 1003, 1038, 1073, 1913, 1951, 1961, 1963, 1966, 1970, 1972, 1977, 2187, 2201, 2591, 3136, 3138, 3158, 3311 and 3312).

For UN Nos. 0331, 0332 and 3375, insert "T1" in column 10 and "TP1", "TP17" and "TP32" in column 11.

For UN Nos. 1334, 1350, 1438, 1454, 1474, 1486, 1495, 1498, 1499, 1942, 2067, 2213, 2969, 3170 (PG II and III), 3175, 3243 and 3244, insert "BK1, BK2" in column 10 and for UN Nos. 1376, 1408 and 2950, insert "BK2" in the same column.

For the liquid, packing group I entries of UN Nos. 1583, 2810, 2927, 2929, 3122, 3123, 3275, 3276, 3278, 3279, 3280, 3281, 3287 and 3289, insert "315" in column 6.

For all the UN Nos. containing the words "fissile-excepted" in lower case in column 2, insert "317" in column 6. (Apply to UN Nos.: 2912, 2913, 2915, 2916, 2917, 2919, 2978, 3321, 3322, 3323 and 3332).

For UN Nos. 1366, 1370, 2005, 2445, 3051, 3052, 3053 and 3076, add "320" in column 6.

[UN 1010 Add the following text at the end of the existing name in column 2:
"or BUTADIENES AND HYDROCARBON MIXTURE, STABILIZED, containing more than 40% butadienes".]

[UN 1057 Replace "P003" with "P002" in column 8 and add "PP84" in column 9.]

UN 1203 The amendment does not apply to the English version.

UN 1389 Add ", LIQUID" in column 2, replace "W2" with "W1" in column (3b) and (for RID/ADR) delete "P403" in column 8.

UN 1392 Add ", LIQUID" in column 2, replace "W2" with "W1" in column (3b) and (for RID/ADR) delete "P403" in column 8.

UN 1408 (for RID/ADR) Insert "B6" in column 9a.

UN 1420 Add ", LIQUID" in column 2, replace "W2" with "W1" in column (3b) and (for RID/ADR) replace "P403" with "P402" in column 8.

UN 1422 Add ", LIQUID" in column 2, replace "W2" with "W1" in column (3b) and (for RID/ADR) replace "P403" with "P402" in column 8.

UN 1445 Add ", SOLID" in column 2.

UN 1447 Add ", SOLID" in column 2.

UN 1459 Add ", SOLID" in column 2.

UN 1470 Add ", SOLID" in column 2.

UN 1578 ~~Add~~ Change case of ", SOLID solid" in column 2.

UN 1579 Add ", SOLID" in column 2.

UN 1605 (for RID/ADR) Replace "P601" with "P602" in column 8.

UN 1650 Add ", SOLID" in column 2.

- UN 1680 Add ", SOLID" in column 2.
- UN 1689 Add ", SOLID" in column 2 ~~and delete "B1" in column 9.~~
- UN 1690 Add ", SOLID" in column 2.
- UN 1697 Add ", SOLID" in column 2 and replace "T1" with "T2" in column (3b) and LQ17 with LQ18 in column (7).
- UN 1701 Add ", LIQUID" in column 2.
- UN 1709 Add ", SOLID" in column 2.
- UN 1729 (for RID/ADR) Replace ~~"L" with "kg" in column 7 and "P001 IBC02" with "P002 IBC08" in column 8, insert "B2, B4" in column 9a and replace "T7" with "T3" and "TP2" with "TP33" in columns 10 and 11, respectively.~~
- UN 1742 Add ", LIQUID" in column 2.
- UN 1743 Add ", LIQUID" in column 2.
- UN 1793 (for RID/ADR) Replace ~~"kg" with "L" and "P002 [IBC08] [IBC03] LP02" with "P001 IBC02 LP01" in columns 7 and 8 respectively and delete "B3" in column 9.~~
- UN 1805 In column 2, replace "LIQUID" with "SOLUTION" and add "223" in column 6.
- UN 1811 Amend the name in column 2 to read "POTASSIUM HYDROGENDIFLUORIDE SOLID".
- UN 1812 Add ", SOLID" in column 2.
- UN 1843 Add ", SOLID" in column 2 and (for RID/ADR) delete "T7" and "TP2" in columns 10 and 11 respectively.
- ~~UN 1931 Replace "NONE" with "5 kg" in column 7.~~
- UN 1963 (for RID/ADR) Add "TP34" in column 11.
- UN 1966 (for RID/ADR) Add "TP34" in column 11.
- UN 2003 Delete.
- ~~UN 2014 Add "PP10" and delete "PP29" in column 9.~~
- UN 2074 Add ", SOLID" in column 2.
- UN 2077 (for RID/ADR) Replace "T3" and "TP1" with "T1" and "TP33" in columns 10 and 11 respectively.
- ~~UN 2186 Insert "P099" in column 8.~~
- UN 2208 Insert "313" and "314" in column 6 and (for RID/ADR) "PP85" and "B13" in column 9.
- ~~UN 2211 Replace "NONE" with "5 kg" in column 7.~~
- UN 2235 Add ", LIQUID" in column 2 and replace "T2" with "T1" in column (3b) and LQ9 with LQ8 in column (7).

- UN 2236 Add ", LIQUID" in column 2 and replace "T2" with "T1" in column (3b) and LQ18 with LQ 17 in column (7).
- UN 2239 ~~Add~~ Change case of ", SOLID solid" in column 2. Delete the "liquid" entry.
- UN 2261 ~~Add~~ Change case of ", SOLID solid" in column 2. Delete the "liquid" entry.
- UN 2305 (for ADR) ~~Replace "L" with "kg" in column 7, "P001 IBC02" with "P002 IBC08" in column 8 and add "B2, B4" in column 9a and "T3", "TP33" in columns 10 and 11 respectively.~~
- UN 2306 ~~Add~~ Change case of ", LIQUID liquid" in column 2. Delete the "solid" entry.
- UN 2315 Add "~~LIQUID~~ liquid" in column 2. Delete the "solid" entry.
- ~~UN 2439 Replace "L" with "kg" in column 7.~~
- UN 2445 Add ", LIQUID" in column 2.
- UN 2446 ~~Add~~ Change case of ", SOLID" in column 2.
- UN 2511 first entry Delete ", SOLUTION" in column 2 and insert "223" in column 6.
Delete the entry for "2-CHLOROPROPIONIC ACID, SOLID".
- UN 2552 Add ", LIQUID" in column 2.
- UN 2662 Add ", SOLID" in column 2.
- ~~UN 2669 Delete the solid entry.~~
- UN 2729 (for RID/ADR) ~~Replace "L" with "kg" in column 7, "P001 IBC03 LP01" with "P002 IBC08 LP02" in column 8, and add "B3", "T1" and "TP33" in columns 9, 10 and 11 respectively.~~
- ~~UN 2751 Replace "kg" with "L" in column 7, "P002 IBC08" with "P001 IBC02" in column 8 and delete "B2 B4" in column 9.~~
- UN 2813 (for RID/ADR) For packing groups I, II and III, add "PP83" in column 9.
- UN 2814 Delete "274" and add "318" in column 6.
- UN 2823 (for RID/ADR) ~~Replace "L" with "kg" in column 7 and "P001 IBC03 LP01" with "P002 IBC08 LP02" in column 8.~~
- ~~UN 2851 Replace "kg" with "L" in column 7 and "P002 IBC08" with "P001 IBC02" in column 8 and delete "B2 B4" in column 9.~~
- UN 2857 Amend the name in column 2 to read as follows: "REFRIGERATING MACHINES containing non-flammable, non-toxic gases or ammonia solutions (UN 2672)".
- UN 2900 Delete "274" and add "318" in column 6.
- UN 2937 Add ", LIQUID" in column 2.
- UN 2956 Delete "181" in column 6.
- UN 3049 Delete.

- UN 3050 Delete.
- UN 3052 (for RID/ADR) Add "TP9" in column 11.
- ~~UN 3082 Replace "kg" with "L" in column 7.~~
- ~~UN 3125 (Packing group II) Replace "P001" with "P002" in column 8.~~
- UN 3149 (for RID/ADR) Add "PP10" in column 9.
- ~~UN 3166 Add "312" in column 6.~~
- UN 3176 (for RID/ADR) Delete "TP9" in column 11 ([2 entries]).
- UN 3203 Delete ([2 entries]).
- UN 3207 Delete ([3 entries]).
- UN 3276 Amend the name in column 2 to read as follows: "NITRILES, TOXIC, LIQUID, N.O.S".
- UN 3278 For the liquid ~~entry~~ entries, amend the name in column 2 to read as follows: "ORGANOPHOSPHORUS COMPOUND, TOXIC, LIQUID, N.O.S". Delete the solid entries.
- UN 3280 For the liquid entries, amend the name in column 2 to read as follows: "ORGANOARSENIC COMPOUND, LIQUID, N.O.S" (3 entries). Delete the solid entries.
- UN 3281 For the liquid entries, amend the name in column 2 to read as follows: "METAL CARBONYLS, LIQUID, N.O.S" (3 entries). Delete the solid entries.
- UN 3282 For the liquid entries, amend the name in column 2 to read as follows: "ORGANOMETALLIC COMPOUND, TOXIC, LIQUID, N.O.S" (3 entries). Delete the solid entries.
- UN 3283 Amend the name in column 2 to read as follows: "SELENIUM COMPOUND, SOLID, N.O.S" (3 entries).
- ~~UN 3314 Replace "NONE" with "5 kg" in column 7.~~
- UN 3315 In column 2, delete ", liquid or solid".
- UN 3372 Delete (3 entries).
- UN 3373 In the name in column 2, insert "or CLINICAL" before "SPECIMENS" and add "319" in column 6.
- UN 3375 Delete "306" in column 6.

Assign TP9 to all N.O.S entries of Classes 4.2, 6.1 and 8, packing group I to which a T code has been assigned in column 10.

Amend the following entries to read as follows:

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packagings			UN Portable tanks and bulk containers	
								Packing instruction	Special packing provisions	Mixed packing provisions	Portable tank instruction	Portable tank special provisions
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1597	DINITROBENZENES LIQUID	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
1597	DINITROBENZENES LIQUID	6.1	T1	III	6.1	223	LQ19	P001 IBC02		MP15	T7	TP2
1656	NICOTINE HYDROCHLORIDE, LIQUID or SOLUTION	6.1	T1	II	6.1	43	LQ17	P001 IBC02		MP15		
1656	NICOTINE HYDROCHLORIDE, LIQUID or SOLUTION	6.1	T1	III	6.1	43 223	LQ19	P001 IBC02		MP15		
1658	NICOTINE SULPHATE SOLUTION	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
1658	NICOTINE SULPHATE SOLUTION	6.1	T1	III	6.1	223	LQ19	P001 IBC02		MP15	T7	TP2
1748	CALCIUM HYPOCHLORITE, DRY or CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	5.1	O2	II	5.1	313 314	LQ11	P002 IBC08	PP85 B2, B4, B13	MP10		
1748	CALCIUM HYPOCHLORITE, DRY or CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	5.1	O2	III	5.1	316	LQ12	P002 IBC08	B4	MP10		
1835	TETRAMETHYL-AMMONIUM HYDROXIDE SOLUTION	8	C7	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1835	TETRAMETHYL-AMMONIUM HYDROXIDE SOLUTION	8	C7	III	8	223	LQ19	P001 IBC02		MP15	T7	TP2
1938	BROMOACETIC ACID SOLUTION	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1938	BROMOACETIC ACID SOLUTION	8	C3	III	8	223	LQ19	P001 IBC02		MP15	T7	TP2
2669	CHLOROCRESOLS SOLUTION	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2669	CHLOROCRESOLS SOLUTION	6.1	T1	III	6.1	223	LQ19	P001 IBC02		MP15	T7	TP2

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packagings			UN Portable tanks and bulk containers	
								Packing instruction	Special packing provisions	Mixed packing provisions	Portable tank instruction	Portable tank special provisions
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2880	CALCIUM HYPOCHLORITE, HYDRATED or CALCIUM HYPOCHLORITE HYDRATED MIXTURE, with not less than 5.5% but not more than 16% water	5.1	O2	II	5.1	313 314	LQ11	P002 IBC08	PP85 B2, B4, B13	MP10		
2880	CALCIUM HYPOCHLORITE, HYDRATED or CALCIUM HYPOCHLORITE HYDRATED MIXTURE, with not less than 5.5% but not more than 16% water	5.1	O2	III	5.1	316	LQ9	P002 IBC08	B4	MP10		

Add the following new entries:

(Note: When two UN numbers appear in column (1) of the table below, the number in italics corresponds to a current entry in the Dangerous Goods List for the same substance in solid, liquid or solution state and is given only for reference.)

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packagings and IBCs			UN Portable tanks and bulk containers	
								Packing instruction	Special provisions	Mixed packing provisions	Instructions	Special provisions
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3377	SODIUM PERBORATE MONOHYDRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02	B3	[MP2] [MP10]	T1 BK1 BK2	TP33
3378	SODIUM CARBONATE PEROXYHYDRATE	5.1	O2	II	5.1		LQ11	P002 IBC08	B2, B4	[MP2] [MP10]	T3 BK1 BK2	TP33
3378	SODIUM CARBONATE PEROXYHYDRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02	PP84 B3, B13	[MP2] [MP10]	T1	TP33
3379	DESENSITIZED EXPLOSIVE, LIQUID, N.O.S.	3	D	I	3	274 311	[LQ0] [LQ3]	P099		MP7 MP17		
3380	DESENSITIZED EXPLOSIVE, SOLID, N.O.S.	4.1	D	I	4.1	274 311	LQ0	P099		MP2		
3381	TOXIC BY INHALATION LIQUID, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	6.1	[T1] [T4]	I	6.1	274	LQ0	P601		MP8 MP17	T22	TP2 TP9 TP13
3382	TOXIC BY INHALATION LIQUID, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	6.1	[T1] [T4]	I	6.1	274	LQ0	P602		MP8 MP17	T20	TP2 TP9 TP13
3383	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	6.1	TF1	I	6.1 +3	274	LQ0	P601		MP8 MP17	T22	TP2 TP9 TP13
3384	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	6.1	TF1	I	6.1 +3	274	LQ0	P602		MP8 MP17	T20	TP2 TP9 TP13

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
[SGAN] [SGAV]	TU3	AT	3		[VV8]	CV24		50	3377	SODIUM PERBORATE MONOHYDRATE
[SGAN] [SGAV]	TU3	AT	2	[V6] [V11] [V12]	[VV8]	CV24		50	3378	SODIUM CARBONATE PEROXYHYDRATE
[SGAN] [SGAV]	TU3	AT	3		[VV8]	CV24		50	3378	SODIUM CARBONATE PEROXYHYDRATE
[L4BN] [L1.5BN]		FL	1				S2 S20		3379	DESENSITIZED EXPLOSIVE, LIQUID, N.O.S.
			1				S17		3380	DESENSITIZED EXPLOSIVE, SOLID, N.O.S.
L10CH	TU14 TU15 TE1 TE19 TE21	AT	1			CV1 CV13 CV28	S9 S17	66	3381	TOXIC BY INHALATION LIQUID, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
L10CH	TU14 TU15 TE1 TE19 TE21	AT	1			CV1 CV13 CV28	S9 S17	66	3382	TOXIC BY INHALATION LIQUID, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀
[L10CH] [L15CH] [L15CH(+)]	TU14 TU15 TE1 TE19 TE21	FL	[0] [1]			CV1 CV13 CV28	S2 S9 S17		3383	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
[L10CH] [L15CH] [L15CH(+)]	TU14 TU15 TE1 TE19 TE21	FL	[0] [1]			CV1 CV13 CV28	S2 S9 S17		3384	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packagings and IBCs			UN Portable tanks and bulk containers	
								Packing instruction	Special provisions	Mixed packing provisions	Instructions	Special provisions
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3385	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	6.1	TW1	I	6.1 +4.3	274	LQ0	P601		MP8 MP17	T22	TP2 TP9 TP13
3386	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	6.1	TW1	I	6.1 +4.3	274	LQ0	P602		MP8 MP17	T20	TP2 TP9 TP13
3387	TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	6.1	TO1	I	6.1 +5.1	274	LQ0	P601		MP8 MP17	T22	TP2 TP9 TP13
3388	TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	6.1	TO1	I	6.1 +5.1	274	LQ0	P602		MP8 MP17	T20	TP2 TP9 TP13
3389	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	6.1	[TC1] [TC3]	I	6.1 +8	274	LQ0	P601		MP8 MP17	T22	TP2 TP9 TP13
3390	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	6.1	[TC1] [TC3]	I	6.1 +8	274	LQ0	P602		MP8 MP17	T20	TP2 TP9 TP13
3391	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC	4.2	[S5]	I	4.2	274	LQ0	P404	PP86	MP2	T21	TP7 TP33

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L10CH	TU14 TU15 TE1 TE19 TE21	AT	1			CV1 CV13 CV28	S9 S17	623	3385	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
L10CH	TU14 TU15 TE1 TE19 TE21	AT	1			CV1 CV13 CV28	S9 S17	623	3386	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀
L10CH	TU14 TU15 TE1 TE19 TE21	AT	1			CV1 CV13 CV28	S9 S17	665	3387	TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
L10CH	TU14 TU15 TE1 TE19 TE21	AT	1			CV1 CV13 CV28	S9 S17	665	3388	TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀
L10CH	TU14 TU15 TE1 TE19 TE21	AT	1			CV1 CV13 CV28	S9 S17	668	3389	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
L10CH	TU14 TU15 TE1 TE19 TE21	AT	1			CV1 CV13 CV28	S9 S17	668	3390	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀
[L21DH]	[TU4 TU14 TU22 TC1 TE1 TE21 TM1]	[AT]	0	V1			S20	[X333]	3391	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packagings and IBCs			UN Portable tanks and bulk containers	
								Packing instruction	Special provisions	Mixed packing provisions	Instructions	Special provisions
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3392	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC	4.2	[S5]	I	4.2	274	LQ0	P400	PP86	MP2	T21	TP2 TP7
3393	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC, WATER REACTIVE	4.2	SW	I	4.2 +4.3	274	LQ0	P404	PP86	MP2	T21	TP7 TP33
3394	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATER REACTIVE	4.2	SW	I	4.2 +4.3	274	LQ0	P400	PP86	MP2	T21	TP2 TP7
3395	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE	4.3	W2	I	4.3	274	LQ0	P403		MP2	T9	TP7 TP33
3395	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE	4.3	W2	II	4.3	274	LQ11	P410 IBC04		MP14	T3	TP33
3395	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE	4.3	W2	III	4.3	223 274	LQ12	P410 IBC06		MP14	T1	TP33
3396	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE, FLAMMABLE	4.3	WF2	I	4.3 +4.1	274	LQ0	P403		MP2	T9	TP7 TP33
3396	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE, FLAMMABLE	4.3	WF2	II	4.3 +4.1	274	LQ11	P410 IBC04		MP14	T3	TP33
3396	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE, FLAMMABLE	4.3	WF2	III	4.3 +4.1	223 274	LQ12	P410 IBC06		MP14	T1	TP33
3397	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE, SELF-HEATING	4.3	WS	I	4.3 +4.2	274	LQ0	P403		MP2	T9	TP7 TP33
3397	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE, SELF-HEATING	4.3	WS	II	4.3 +4.2	274	LQ11	P410 IBC04		MP14	T3	TP33
3397	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE, SELF-HEATING	4.3	WS	III	4.3 +4.2	223 274	LQ12	P410 IBC06		MP14	T1	TP33
3398	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER REACTIVE	4.3	W1	I	4.3	274	LQ0	P402		MP2	T13	TP2 TP7
3398	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER REACTIVE	4.3	W1	II	4.3	274	LQ10	P001 IBC01		MP15	T7	TP2 TP7
3398	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER REACTIVE	4.3	W1	III	4.3	223 274	LQ13	P001 IBC02		MP15	T7	TP2 TP7
3399	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER REACTIVE, FLAMMABLE	4.3	WF1	I	4.3 +3	274	LQ0	P402		MP2	T13	TP2 TP7

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L21DH	[TU4] TU14 [TU22] TC1 TE1 TE21 TM1	AT	0	V1			S20	[X]333	3392	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC
L21DH	TU4 TU14 TU22 TC1 TE1 TE21 TM1	AT	0	V1			S20	X333	3393	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC, WATER REACTIVE
L21DH	TU4 TU14 TU22 TC1 TE1 TE21 TM1	AT	0	V1			S20	X333	3394	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATER REACTIVE
		AT	[0] [1]	V1		CV23	S20	[X423]	3395	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE
SGAN		AT	[0] [2]	V1 [V12]	[VV3] [VV5] [VV7]	CV23		423	3395	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE
SGAN		AT	[0] [3]	V1	[VV1] [VV5] [VV7]	CV23		423	3395	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE
			0	V1		CV23			3396	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE, FLAMMABLE
			0	V1		CV23			3396	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE, FLAMMABLE
			0	V1 V12		CV23			3396	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE, FLAMMABLE
			1	V1		CV23	S20		3397	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE, SELF-HEATING
SGAN		AT	2	V1		CV23		423	3397	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE, SELF-HEATING
SGAN		AT	3	V1	VV5	CV23		423	3397	ORGANOMETALLIC SUBSTANCE, SOLID, WATER REACTIVE, SELF-HEATING
L10DH	TU14 TE1 TE21 TM2	AT	0	V1		CV23	S20	X323	3398	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER REACTIVE
L4DH	TU14 TE1 TE21 TM2	AT	0	V1		CV23		323	3398	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER REACTIVE
L4DH	TU14 TE1 TE21 TM2	AT	0	V1		CV23		323	3398	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER REACTIVE
L10DH	TU4 TU14 TU22 TE1 TE21 TM2	FL	0	V1		CV23	S2 S20	X323	3399	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER REACTIVE, FLAMMABLE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packagings and IBCs			UN Portable tanks and bulk containers	
								Packing instruction	Special provisions	Mixed packing provisions	Instructions	Special provisions
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3399	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER REACTIVE, FLAMMABLE	4.3	WF1	II	4.3 +3	274	LQ10	P001 IBC01		MP15	T7	TP2 TP7
3399	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER REACTIVE, FLAMMABLE	4.3	WF1	III	4.3 +3	223 274	LQ13	P001 IBC02		MP15	T7	TP2 TP7
3400	ORGANOMETALLIC SUBSTANCE, SOLID, SELF-HEATING	4.2	[S5]	II	4.2	274	LQ18	P410 IBC06		MP14	T3	TP33
3400	ORGANOMETALLIC SUBSTANCE, SOLID, SELF-HEATING	4.2	[S5]	III	4.2	223 274	LQ11	P002 IBC08		MP14	T1	TP33
3401 1389	ALKALI METAL AMALGAM, SOLID	4.3	W2	I	4.3	182	LQ0	P403		MP2		
3402 1392	ALKALINE EARTH METAL AMALGAM, SOLID	4.3	W2	I	4.3	183	LQ0	P403		MP2	T9	TP7 TP33
3403 1420	POTASSIUM METAL ALLOYS, SOLID	4.3	W2	I	4.3		LQ0	P403		MP2	T9	TP7 TP33
3404 1422	POTASSIUM SODIUM ALLOYS, SOLID	4.3	W2	I	4.3		LQ0	P403		MP2	T9	TP7 TP33
3405 1445	BARIUM CHLORATE SOLUTION	5.1	OT1	II	5.1 +6.1		LQ10	P504 IBC02		MP2	T4	TP1
3405 1445	BARIUM CHLORATE SOLUTION	5.1	OT1	III	5.1 +6.1	223	LQ13	P001 IBC02		MP2	T4	TP1
3406 1447	BARIUM PERCHLORATE SOLUTION	5.1	OT1	II	5.1 +6.1		LQ10	P504 IBC02		MP2	T4	TP1
3406 1447	BARIUM PERCHLORATE SOLUTION	5.1	OT1	III	5.1 +6.1	223	LQ13	P001 IBC02		MP2	T4	TP1
3407 1459	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE SOLUTION	5.1	O1	II	5.1		LQ10	P504 IBC01		MP2	T4	TP1
3407 1459	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE SOLUTION	5.1	O1	III	5.1	223	LQ13	P504 IBC01		MP2	T4	TP1
3408 1470	LEAD PERCHLORATE SOLUTION	5.1	OT1	II	5.1 +6.1		LQ10	P504 IBC02		MP2	T4	TP1
3408 1470	LEAD PERCHLORATE SOLUTION	5.1	OT1	III	5.1 +6.1	223	LQ13	P001 IBC02		MP2	T4	TP1
3409 1578	CHLORONITRO-BENZENES, LIQUID	6.1	T1	II	6.1	279	LQ17	P001 IBC02		MP15	T7	TP2
3410 1579	4-CHLORO-o-TOLUIDINE HYDROCHLORIDE SOLUTION	6.1	T1	III	6.1	223	LQ19	P001 IBC03		MP15	T4	TP1
3411 1650	beta-NAPHTHYLAMINE SOLUTION	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
3411 1650	beta-NAPHTHYLAMINE SOLUTION	6.1	T1	III	6.1	223	LQ19	P001 IBC02		MP15	T7	TP2

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4DH	TU4 TU14 TU22 TE1 TE21 TM2	FL	0	V1		CV23	S2	323	3399	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER REACTIVE, FLAMMABLE
L4DH	TU14 TE1 TE21 TM2	FL	0	V1		CV23	S2	323	3399	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER REACTIVE, FLAMMABLE
[SGAV] [SGAN]		AT	2	V1 V12				40	3400	ORGANOMETALLIC SUBSTANCE, SOLID, SELF-HEATING
[SGAV] [SGAN]		AT	3	V1	[VV4]			40	3400	ORGANOMETALLIC SUBSTANCE, SOLID, SELF-HEATING
L10BN(+)	TU1 TE5 TT3 TM2	AT	1	V1		CV23	S20	X423	3401 1389	ALKALI METAL AMALGAM, SOLID
L10BN(+)	TU1 TE5 TT3 TM2	AT	1	V1		CV23	S20	X423	3402 1392	ALKALINE EARTH METAL AMALGAM, SOLID
L10BN(+)	TU1 TE5 TT3 TM2	AT	1	V1		CV23	S20	X423	3403 1420	POTASSIUM METAL ALLOYS, SOLID
L10BN(+)	TU1 TE5 TT3 TM2	AT	1	V1		CV23	S20	X423	3404 1422	POTASSIUM SODIUM ALLOYS, SOLID
L4BN	TU3	AT	2			CV24		50	3405 1445	BARIUM CHLORATE SOLUTION
LGBV	TU3	AT	3			CV24		50	3405 1445	BARIUM CHLORATE SOLUTION
L4BN	TU3	AT	2	V6		CV24		50	3406 1447	BARIUM PERCHLORATE SOLUTION
LGBV	TU3	AT	3	V6		CV24		50	3406 1447	BARIUM PERCHLORATE SOLUTION
L4BN	TU3	AT	2	[V6]		CV24		50	3407 1459	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE SOLUTION
LGBV	TU3	AT	3	[V6]		CV24		50	3407 1459	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE SOLUTION
L4BN	TU3	AT	2	V6		CV24		50	3408 1470	LEAD PERCHLORATE SOLUTION
LGBV	TU3	AT	3	V6		CV24		50	3408 1470	LEAD PERCHLORATE SOLUTION
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9 S19	60	3409 1578	CHLORONITRO-BENZENES, LIQUID
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9	60	3410 1579	4-CHLORO-o-TOLUIDINE HYDROCHLORIDE SOLUTION
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9 S19	60	3411 1650	beta-NAPHTHYLAMINE SOLUTION
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9	60	3411 1650	beta-NAPHTHYLAMINE SOLUTION

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packagings and IBCs			UN Portable tanks and bulk containers	
								Packing instruction	Special provisions	Mixed packing provisions	Instructions	Special provisions
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3413 1680	POTASSIUM CYANIDE SOLUTION	6.1	T4	I	6.1		LQ0	P001		MP8 MP17	T14	TP2 TP13
3413 1680	POTASSIUM CYANIDE SOLUTION	6.1	T4	II	6.1		LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3413 1680	POTASSIUM CYANIDE SOLUTION	6.1	T4	III	6.1	223	LQ19	P001 IBC03 LP01		MP15	T7	TP2 TP13 TP28
3414 1689	SODIUM CYANIDE SOLUTION	6.1	T4	I	6.1		LQ0	P001		MP8 MP17	T14	TP2 TP13
3414 1689	SODIUM CYANIDE SOLUTION	6.1	T4	II	6.1		LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3414 1689	SODIUM CYANIDE SOLUTION	6.1	T4	III	6.1	223	LQ19	P001 IBC03 LP01		MP15	T7	TP2 TP13 TP28
3415 1690	SODIUM FLUORIDE SOLUTION	6.1	T4	III	6.1	223	LQ19	P001 IBC03 LP01		MP15	T4	TP1
3416 1697	CHLOROACETO-PHENONE, LIQUID	6.1	T1	II	6.1		LQ17	P001 IBC02		MP10	T7	TP2 TP13
3417 1701	XYLYL BROMIDE, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3418 1709	2,4-TOLUYLENE-DIAMINE SOLUTION	6.1	T1	III	6.1	223	LQ19	P001 IBC03 LP01		MP15	T4	TP1
3419 1742	BORON TRIFLUORIDE ACETIC ACID COMPLEX, SOLID	8	C4	II	8		LQ23	P002 IBC08	B2, B4	MP10	T3	TP33
3420 1743	BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, SOLID	8	C4	II	8		LQ23	P002 IBC08	B2, B4	MP10	T3	TP33
3421 1811	POTASSIUM HYDROGENDIFLUORIDE SOLUTION	8	CT1	II	8 +6.1		LQ22	P001 IBC02		MP15	T7	TP2
3421 1811	POTASSIUM HYDROGENDIFLUORIDE SOLUTION	8	CT1	III	8 +6.1	223	LQ19	P001 IBC03		MP15	T4	TP1
3422 1812	POTASSIUM FLUORIDE SOLUTION	6.1	T4	III	6.1	223	LQ19	P001 IBC03 LP01		MP15	T4	TP1
3423 1835	TETRAMETHYL-AMMONIUM HYDROXIDE, SOLID	8	C8	II	8		LQ24	P002 IBC08	B2, B4	MP10	T3	TP33
3424 1843	AMMONIUM DINITRO-o-CRESOLATE SOLUTION	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
3424 1843	AMMONIUM DINITRO-o-CRESOLATE SOLUTION	6.1	T1	III	6.1	223	LQ19	P001 IBC02		MP15	T7	TP2
3425 1938	BROMOACETIC ACID, SOLID	8	C4	II	8		LQ23	P002 IBC08	B2, B4	MP10	T3	TP33
3426 2074	ACRYLAMIDE SOLUTION	6.1	T1	III	6.1	223	LQ19	P001 IBC03 LP01		MP15	T4	TP1
3427 2235	CHLOROBENZYL CHLORIDES, SOLID	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02	B3	MP10	T1	TP33

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L10CH	TU14 TU15 TE1 TE19 TE21	AT	1			CV1 CV13 CV28	S9 S17	66	3413 1680	POTASSIUM CYANIDE SOLUTION
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9 S19	60	3413 1680	POTASSIUM CYANIDE SOLUTION
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9	60	3413 1680	POTASSIUM CYANIDE SOLUTION
L10CH	TU14 TU15 TE1 TE19 TE21	AT	1			CV1 CV13 CV28	S9 S17	66	3414 1689	SODIUM CYANIDE SOLUTION
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9 S19	60	3414 1689	SODIUM CYANIDE SOLUTION
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9	60	3414 1689	SODIUM CYANIDE SOLUTION
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9	60	3415 1690	SODIUM FLUORIDE SOLUTION
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9 S19	60	3416 1697	CHLOROACETO- PHENONE, LIQUID
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	60	3417 1701	XYLYL BROMIDE, SOLID
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9	60	3418 1709	2,4-TOLUYLENE- DIAMINE SOLUTION
SGAN L4BN		AT	2	V11				80	3419 1742	BORON TRIFLUORIDE ACETIC ACID COMPLEX, SOLID
SGAN L4BN		AT	2	V11				80	3420 1743	BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, SOLID
L4DH	TU14 TE21	AT	2			CV13 CV28		86	3421 1811	POTASSIUM HYDROGENDI- FLUORIDE SOLUTION
L4DH	TU14 TE21	AT	3			CV13 CV28		86	3421 1811	POTASSIUM HYDROGENDI- FLUORIDE SOLUTION
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9	60	3422 1812	POTASSIUM FLUORIDE SOLUTION
SGAN L4BN		AT	2	V11				80	3423 1835	TETRAMETHYL- AMMONIUM HYDROXIDE, SOLID
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9 S19	60	3424 1843	AMMONIUM DINITRO-o- CRESOLATE SOLUTION
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9	60	3424 1843	AMMONIUM DINITRO-o- CRESOLATE SOLUTION
L4DH	TU14 TE21	AT	2			CV13 CV28		86	3425 1938	BROMOACETIC ACID, SOLID
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9	60	3426 2074	ACRYLAMIDE SOLUTION
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2		VV9b	CV13 CV28	S9	60	3427 2235	CHLOROBENZYL CHLORIDES, SOLID

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packagings and IBCs			UN Portable tanks and bulk containers	
								Packing instruction	Special provisions	Mixed packing provisions	Instructions	Special provisions
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3428 2236	3-CHLORO-4-METHYLPHENYL ISOCYANATE, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3429 2239	CHLORO-TOLUIDINES, LIQUID	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01		MP15	T4	TP1
3430 2261	XYLENOLS, LIQUID	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
3431 2306	NITROBENZO-TRIFLUORIDES, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3432 2315	POLYCHLORINATED BIPHENYLS, SOLID	9	M2	II	9	305	LQ25	P906 IBC08		MP15	T3	TP33
3433 2445	LITHIUM ALKYLs, SOLID	4.2	SW	I	4.2 +4.3	320	LQ0	P400		MP2	T21	TP7 TP33
3434 2446	NITROCRESOLS, LIQUID	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01		MP15	T4	TP1
3435 2662	HYDROQUINONE SOLUTION	6.1	T1	III	6.1	223	LQ19	P001 IBC03 LP01		MP15	T4	TP1
3436 2552	HEXAFLUORO-ACETONE HYDRATE, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3437 2669	CHLOROCRESOLS, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3438 2937	alpha-METHYLBENZYL ALCOHOL, SOLID	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02	B3	MP10	T1	TP33
3439 3276	NITRILES, TOXIC, SOLID, N.O.S.	6.1	T2	I	6.1	274	LQ0	P002 IBC07	B1	MP18	T6	TP9 TP33
3439 3276	NITRILES, TOXIC, SOLID, N.O.S.	6.1	T2	II	6.1	274	LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3439 3276	NITRILES, TOXIC, SOLID, N.O.S.	6.1	T2	III	6.1	223 274	LQ9	P002 IBC08 LP02	B3	MP10	T1	TP33
3440 3283	SELENIUM COMPOUND, LIQUID, N.O.S.	6.1	T4	I	6.1		LQ0	P001		MP8 MP17	T14	TP2 TP9 TP27
3440 3283	SELENIUM COMPOUND, LIQUID, N.O.S.	6.1	T4	II	6.1		LQ17	P001 IBC02		MP15	T11	TP2 TP27
3440 3283	SELENIUM COMPOUND, LIQUID, N.O.S.	6.1	T4	III	6.1	223	LQ19	P001 IBC03		MP15	T7	TP1 TP28
3468	HYDROGEN IN A METAL HYDRIDE STORAGE SYSTEM	2	2F		2.1	321	LQ0	P099		MP9		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9 S19	60	3428 2236	3-CHLORO-4-METHYLPHENYL ISOCYANATE, SOLID
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9	60	3429 2239	CHLORO-TOLUIDINES, LIQUID
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9 S19	60	3430 2261	XYLENOLS, LIQUID
SGAH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	60	3431 2306	NITROBENZO-TRIFLUORIDES, SOLID
S4AH L4BH	TU15 TE1 TE15	AT	0	V1		CV1 CV13 CV28	S19	90	3432 2315	POLYCHLORINATED BIPHENYLS, SOLID
L21DH	TU4 TU14 TU22 TC1 TE1 TE21 TM1	AT	0	V1			S20	X333	3433 2445	LITHIUM ALKYLs, SOLID
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9	60	3434 2446	NITROCRESOLS, LIQUID
									3435 2662	HYDROQUINONE SOLUTION
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9 S19	60	3436 2552	HEXAFLUORO-ACETONE HYDRATE, SOLID
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9 S19	60	3437 2669	CHLOROCRESOLS, SOLID
SGAH [L4BH]	TU15 TE1 TE15 TE19	AT	2		VV9b	CV13 CV28	S9	60	3438 2937	alpha-METHYLBENZYL ALCOHOL, SOLID
S10AH [L10CH]	[TU14] TU15 TE1 TE19 [TE21]	AT	1	V10 V12		CV1 CV13 CV28	S9 S17	66	3439 3276	NITRILES, TOXIC, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9 S19	60	3439 3276	NITRILES, TOXIC, SOLID, N.O.S.
SGAH [L4BH]	TU15 TE1 TE15 TE19	AT	2		VV9b	CV13 CV28	S9	60	3439 3276	NITRILES, TOXIC, SOLID, N.O.S.
L10CH	TU14 TU15 TE1 TE19 TE21	AT	1			CV1 CV13 CV28	S9 S17	66	3440 3283	SELENIUM COMPOUND, LIQUID, N.O.S.
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9 S19	60	3440 3283	SELENIUM COMPOUND, LIQUID, N.O.S.
L4BH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9	60	3440 3283	SELENIUM COMPOUND, LIQUID, N.O.S.
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23[9]	3468	HYDROGEN IN A METAL HYDRIDE STORAGE SYSTEM

Add the following new entries for the solid form of substances previously covered by the UN number indicated in italics in column (1):

UN No.	Name and description	Class	Classification Code	UN packing group	Labels	Special provisions	Limited quantities	Packagings and IBCs			UN Portable tanks and bulk containers	
								Packing instruction	Special provisions	Mixed packing provisions	Portable tank instruction	Portable tank special provisions
(1)	(3a)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3441 <i>1577</i>	CHLORODINITRO-BENZENES, SOLID	6.1	T2	II	6.1	279	LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3442 <i>1590</i>	DICHLOROANILINES, SOLID	6.1	T2	II	6.1	279	LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3443 <i>1597</i>	DINITROBENZENES, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3444 <i>1656</i>	NICOTINE HYDROCHLORIDE, SOLID	6.1	T2	II	6.1	43	LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3445 <i>1658</i>	NICOTINE SULPHATE, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3446 <i>1664</i>	NITROTOLUENES, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3447 <i>1665</i>	NITROXYLENES, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3448 <i>1693</i>	TEAR GAS SUBSTANCE, SOLID, N.O.S.	6.1	T2	I	6.1	274	LQ0	P002		MP18	T6	TP9 TP33
3448 <i>1693</i>	TEAR GAS SUBSTANCE, SOLID, N.O.S.	6.1	T2	II	6.1	274	LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3449 <i>1694</i>	BROMOBENZYL CYANIDES, SOLID	6.1	T2	I	6.1	138	LQ0	P002		MP18	T6	TP33
3450 <i>1699</i>	DIPHENYL-CHLOROARSINE, SOLID	6.1	T3	I	6.1		LQ0	P002 IBC07	B1	MP18	T6	TP33
3451 <i>1708</i>	TOLUIDINES, SOLID	6.1	T2	II	6.1	279	LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3452 <i>1711</i>	XYLIDINES, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3453 <i>1805</i>	PHOSPHORIC ACID SOLID	8	C2	III	8		LQ24	P002 IBC08 LP02	B3	MP10	T1	TP33
3454 <i>2038</i>	DINITROTOLUENES, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3455 <i>2076</i>	CRESOLS, SOLID	6.1	TC2	II	6.1 +8		LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3456 <i>2308</i>	NITROSYL-SULPHURIC ACID, SOLID	8	C2	II	8		LQ23	P002 IBC08	B2, B4	MP15	T3	TP33
3457 <i>2433</i>	CHLORONITRO-TOLUENES, SOLID	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02	B3	MP10	T1	TP33
3458 <i>2730</i>	NITROANISLES, SOLID	6.1	T2	III	6.1	279	LQ9	P002 IBC08 LP02	B3	MP10	T1	TP33
3459 <i>2732</i>	NITROBROMO-BENZENES, SOLID	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02	B3	MP10	T1	TP33
3460 <i>2753</i>	N-ETHYLBENZYL-TOLUIDINES, SOLID	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02	B3	MP10	T1	TP33
3461 <i>3052</i>	ALUMINIUM ALKYL HALIDES, SOLID	4.2	SW	I	4.2 +4.3	[274] [320]	LQ0	P404		MP2	T21	TP7 TP33

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	SGAH	3441 1577	CHLORODINITRO- BENZENES, SOLID
SGAH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	SGAH	3442 1590	DICHLOROANILINES, SOLID
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	60	3443 1597	DINITROBENZENES, SOLID
SGAH	TU15 TE1 TE15 TE19	AT	2			CV13 CV28	S9 S19	60	3444 1656	NICOTINE HYDROCHLORIDE, SOLID
SGAH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	60	3445 1658	NICOTINE SULPHATE, SOLID
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	60	3446 1664	NITROTOLUENES, SOLID
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	60	3447 1665	NITROXYLENES, SOLID
S10AH L10CH	TU14 TU15 TE1 TE19 TE21	AT	1			CV1 CV13 CV28	S9 S17	66	3448 1693	TEAR GAS SUBSTANCE, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	60	3448 1693	TEAR GAS SUBSTANCE, SOLID, N.O.S.
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3449 1694	BROMOBENZYL CYANIDES, SOLID
S10AH	TU15 TE1 TE19	AT	1	V10 V12		CV1 CV13 CV28	S9 S17	66	3450 1699	DIPHENYL- CHLOROARSINE, SOLID
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	60	3451 1708	TOLUIDINES, SOLID
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	60	3452 1711	XYLIDINES, SOLID
			3		VV9b	CV28			3453 1805	PHOSPHORIC ACID SOLID
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	60	3454 2038	DINITROTOLUENES, SOLID
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	68	3455 2076	CRESOLS, SOLID
SGAN		AT	2	V11				X80	3456 2308	NITROSYL- SULPHURIC ACID, SOLID
SGAH	TU15 TE1 TE15 TE19	AT	2		VV9b	CV13 CV28	S9	60	3457 2433	CHLORONITRO- TOLUENES, SOLID
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2		VV9b	CV13 CV28	S9	60	3458 2730	NITROANISOLES, SOLID
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2		VV9b	CV13 CV28	S9	60	3459 2732	NITROBROMO- BENZENES, SOLID
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2		VV9b	CV13 CV28	S9	60	3460 2753	N-ETHYLBENZYL- TOLUIDINES, SOLID
L21DH	TU4 TU14 TU22 TC1 TE1 TE21 TM1	AT	0	V1			S20	X333	3461 3052	ALUMINIUM ALKYL HALIDES, SOLID

UN No.	Name and description	Class	Classification Code	UN packing group	Labels	Special provisions	Limited quantities	Packagings and IBCs			UN Portable tanks and bulk containers	
								Packing instruction	Special provisions	Mixed packing provisions	Portable tank instruction	Portable tank special provisions
3462 3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	6.1	T2	I	6.1	210 274	LQ0	P002 IBC07	B1	MP18	T6	TP9 TP33
3462 3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	6.1	T2	II	6.1	210 274	LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3462 3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	6.1	T2	III	6.1	210 223 274	LQ9	P002 IBC08	B3	MP10	T1	TP33
3464 3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, SOLID, N.O.S.	6.1	T2	I	6.1	43 274	LQ0	P002 IBC07	B1	MP18	T6	TP9 TP33
3464 3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, SOLID, N.O.S.	6.1	T2	II	6.1	43 274	LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3464 3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, SOLID, N.O.S.	6.1	T2	III	6.1	43 223 274	LQ9	P002 IBC08 LP02	B3	MP10	T1	TP33
3465 3280	ORGANOARSENIC COMPOUND, SOLID, N.O.S.	6.1	T3	I	6.1	274	LQ0	P002 IBC07	B1	MP18	T6	TP9 TP33
3465 3280	ORGANOARSENIC COMPOUND, SOLID, N.O.S.	6.1	T3	II	6.1	274	LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3465 3280	ORGANOARSENIC COMPOUND, SOLID, N.O.S.	6.1	T3	III	6.1	223 274	LQ9	P002 IBC08 LP02	B3	MP10	T1	TP33
3466 3281	METAL CARBONYLS, SOLID, N.O.S.	6.1	T3	I	6.1	274	LQ0	P002 IBC07	B1	MP18	T6	TP9 TP33
3466 3281	METAL CARBONYLS, SOLID, N.O.S.	6.1	T3	II	6.1	274	LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3466 3281	METAL CARBONYLS, SOLID, N.O.S.	6.1	T3	III	6.1	223 274	LQ9	P002 IBC08 LP02	B3	MP10	T1	TP33
3467 3282	ORGANOMETALLIC COMPOUND, TOXIC, SOLID, N.O.S.	6.1	T3	I	6.1	274	LQ0	P002 IBC07	B1	MP18	T6	TP9 TP33
3467 3282	ORGANOMETALLIC COMPOUND, TOXIC, SOLID, N.O.S.	6.1	T3	II	6.1	274	LQ18	P002 IBC08	B2, B4	MP10	T3	TP33
3467 3282	ORGANOMETALLIC COMPOUND, TOXIC, SOLID, N.O.S.	6.1	T3	III	6.1	223 274	LQ9	P002 IBC08 LP02	B3	MP10	T1	TP33

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
S10AH L10CH	TU15 TE1 TE19	AT	1	V10 V12		CV1 CV13 CV28	S9 S17	66	3462 3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	60	3462 3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2		VV9b	CV13 CV28	S9	60	3462 3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.
S10AH L10CH	TU14 TU15 TE1 TE19 TE21	AT	1	V10 V12		CV1 CV13 CV28	S9 S17	66	3464 3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	60	3464 3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2		VV9b	CV13 CV28	S9	60	3464 3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, SOLID, N.O.S.
S10AH L10CH	TU14 TU15 TE1 TE19 TE21	AT	1	V10 V12		CV1 CV13 CV28	S9 S17	66	3465 3280	ORGANOARSENIC COMPOUND, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	60	3465 3280	ORGANOARSENIC COMPOUND, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2		VV9b	CV13 CV28	S9	60	3465 3280	ORGANOARSENIC COMPOUND, SOLID, N.O.S.
S10AH L10CH	TU14 TU15 TE1 TE19 TE21	AT	1	V10 V12		CV1 CV13 CV28	S9 S17	66	3466 3281	METAL CARBONYLS, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	60	3466 3281	METAL CARBONYLS, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2		VV9b	CV13 CV28	S9	60	3466 3281	METAL CARBONYLS, SOLID, N.O.S.
S10AH L10CH	TU14 TU15 TE1 TE19 TE21	AT	1	V10 V12		CV1 CV13 CV28	S9 S17	66	3467 3282	ORGANOMETALLIC COMPOUND, TOXIC, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2	V11		CV13 CV28	S9 S19	60	3467 3282	ORGANOMETALLIC COMPOUND, TOXIC, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE15 TE19	AT	2		VV9b	CV13 CV28	S9	60	3467 3282	ORGANOMETALLIC COMPOUND, TOXIC, SOLID, N.O.S.

Rationalized approach for assignment of tank instructions for solids:

Class	Labels	PG	Tank Instruction	Tank prov.	Apply to
4.1	4.1	I	<i>Not Authorized</i>		All UN Nos. in this group
		II	T3	TP33	1309, 1323, 1325 (replace "TP1" with "TP33"), 1326, 1339, 1341, 1343, 1345, 1352, 1358, 1437, 1868, 1871, 2925, 2926, 2989, 3089, 3175, 3178, 3179, 3180, 3181, 3182, 3242
		III	T1	TP33	1309,1312, 1313, 1314, 1318, 1325 (replace "TP1" with "TP33"), 1328, 1330, 1332, 1334, 1338, 1346, 1350 (replace "TP1" with "TP33"), 1869, 2001, 2213, 2538, 2687, 2714, 2715, 2717, 2878, 2925, 2926, 2989, 3089, 3097, 3178, 3179, 3180, 3181, 3182
4.2	4.2	I	T21	TP7 TP33	1383, 1854, 2005, 2008, 2870, 2881, 3200, 3254
		II	T3	TP33	1361, 1369, 1374, 1378, 1382, 1384, 1385, 1431, 1923, 1929, 2004, 2008, 2318, 2545, 2546, 2881, 2940, 3088, 3126, 3127, 3128, 3189, 3190, 3191, 3192, 3205, 3206, 3313, 3341, 3342
		III	T1	TP33	1361, 1362, 1373, 1376, 1932, 2008, 2210, 2545, 2546, 2881, 3088, 3126, 3127, 3128, 3174, 3189, 3190, 3191, 3192, 3205, 3206, 3313, 3341, 3342
4.3	4.3 +6.1	I	<i>Not Authorized</i>		All UN Nos. in this group
		I	T9	TP7 TP33	1402, 1428 (replace "TP3 TP31" with "TP33") and 2257 (replace "TP3 TP31" with "TP33")
		II	T3	TP33	1340, 1390, 1393, 1394, 1395, 1396, 1400, 1401, 1402, 1405, 1409, 1417, 1418, 1436, 2624, 2805, 2813, 2830, 2835, 3078, 3131, 3132, 3134, 3135, 3170, 3208, 3209, 3372
		III	T1	TP33	1396, 1398, 1403, 1405, 1408, 1418, 1435, 1436, 2813, 2844, 2950, 2968, 3131, 3132, 3134, 3135, 3170, 3208, 3209, 3372
5.1	5.1	I	<i>Not Authorized</i>		All UN Nos. in this group
		II	T3	TP33	1439, 1442, 1445 (replace "T4" with "T3" and "TP1" with "TP33"), 1446, 1447 (replace "T4" with "T3" and "TP1" with "TP33"), 1448, 1449, 1450, 1452, 1453, 1455, 1456, 1457, 1458, 1459 (replace "T4" with "T3" and "TP1" with "TP33"), 1461, 1462, 1463, 1469, 1470 (replace "T4" with "T3" and "TP1" with "TP33"), 1472, 1473, 1475, 1476, 1477, 1479, 1481, 1482, 1483, 1484, 1485, 1487, 1488, 1489, 1490, 1493, 1494, 1495, 1496, 1502, 1503, 1506, 1508, 1509, 1512, 1513, 1514, 1515, 1516, 2464, 2465, 2468, 2573, 2626, 2627, 2719, 2721, 2723, 2741, 3085, 3087, 3212, 3247
		III	T1	TP33	1438, 1444, 1451, 1454, 1458, 1459 (replace "T4" with "T1" and "TP1" with "TP33"), 1465, 1466, 1467, 1474, 1477, 1479, 1481, 1482, 1483, 1486, 1492, 1498, 1499, 1500, 1505, 1507, 1511, 1872, 1942, 2067, 2469, 2720, 2722, 2724, 2725, 2726, 2728, 3085, 3087, 3215
5.2	5.2		T23	TP33	3110, 3120

Class	Labels	PG	Tank Instruction	Tank prov.	Apply to
6.1	6.1	I	T6	TP33	1544, 1557, 1565, 1570, 1575, 1588, 1601, 1626, 1655, 1680 (replace "T14" with "T6" and "TP2 TP13" with "TP33"), 1689 (replace "T14" with "T6" and "TP2 TP13" with "TP33"), 1692, 1698, 1713, 1889, 2025, 2026, 2316, 2471, 2570, 2588, 2628, 2629, 2630, 2642, 2757, 2759, 2761, 2763, 2771, 2775, 2777, 2779, 2781, 2783, 2786, 2811, 2928, 2930, 3027, 3048, 3086, 3124, 3125, 3143, 3146, 3283 (replace "T14" with "T6" and "TP2 TP27" with "TP33"), 3284 (replace "T14" with "T6" and "TP2 TP27" with "TP33"), 3285 (replace "T14" with "T6" and "TP2 TP27" with "TP33"), 3288, 3290, 3345, 3349
		II	T3	TP33	1544, 1546, 1554, 1555, 1557, 1558, 1559, 1561, 1562, 1564, 1566, 1567, 1569 (replace "T10" with "T3" and "TP2 TP13" with "TP33"), 1572, 1573, 1574, 1578 (replace "T7" with "T3" and "TP2" with "TP33"), 1585, 1586, 1587, 1588, 1596 (replace "T7" with "T3" and "TP2" with "TP33"), 1598 (replace "T7" with "T3" and "TP2" with "TP33"), 1601, 1606, 1607, 1608, 1617, 1618, 1620, 1621, 1622, 1623, 1624, 1625, 1627, 1629, 1630, 1631, 1634, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1650 (replace "T7" with "T3" and "TP2" with "TP33"), 1651, 1652, 1653, 1655, 1657, 1659, 1661 (replace "T7" with "T3" and "TP2" with "TP33"), 1671 (replace "T6" with "T3" and "TP2" with "TP33"), 1674, 1677, 1678, 1679, 1683, 1684, 1685, 1688, 1691, 1697 (replace "T7" with "T3" and "TP2 TP13" with "TP33"), 1707, 1712, 1751, 1843, 1885, 1894, 1895, 2018 (replace "T7" with "T3" and "TP2" with "TP33"), 2025, 2026, 2027, 2250 (replace "T7" with "T3" and "TP2" with "TP33"), 2261 (replace "T7" with "T3" and "TP2" with "TP33"), 2567, 2570, 2587, 2588, 2645, 2647, 2649, 2657, 2671, 2673, 2727, 2757, 2759, 2761, 2763, 2771, 2775, 2777, 2779, 2781, 2783, 2786, 2811, 2859, 2861, 2863, 2864, 2928, 2930, 2931, 3027, 3086, 3124, 3125, 3143, 3146, 3155, 3243, 3249, 3283 (replace "T11" with "T3" and "TP2 TP27" with "TP33"), 3284(replace "T11" with "T3" and "TP2 TP27" with "TP33"), 3285 (replace "T11" with "T3" and "TP2 TP27" with "TP33"), 3288, 3290, 3345, 3349
6.1	6.1	III	T1	TP33	1544, 1548, 1549, 1550, 1551, 1557, 1564, 1566, 1579 (replace "T4" with "T1" and "TP1" with "TP33"), 1588, 1601, 1616, 1655, 1663 (replace "T4" with "T1" and "TP3" with "TP33"), 1673 (replace "T7" with "T1" and "TP1" with "TP33"), 1690 (replace "T4" with "T1" and "TP1" with "TP33"), 1709 (replace "T4" with "T1" and "TP1" with "TP33"), 1812 (replace "T4" with "T1" and "TP1" with "TP33"), 1884, 2020, 2025, 2026, 2074 (replace "T4" with "T1" and "TP1" with "TP33"), 2233, 2237, 2239 (replace "T4" with "T1" and "TP1" with "TP33"), 2291, 2446, 2473, 2505, 2512, 2516, 2570, 2588, 2651 (replace "T4" with "T1" and "TP1" with "TP33"), 2655, 2659, 2660, 2662 (replace "T4" with "T1" and "TP1" with "TP33"), 2674, 2713, 2716, 2729, 2757, 2759, 2761, 2763, 2771, 2775, 2777, 2779, 2781, 2783, 2786, 2811, 2853, 2854, 2855, 2856, 2862, 2871, 2875, 2876, 3027, 3143, 3146, 3249, 3283 (replace "T7" with "T1" and "TP1 TP28" with "TP33"), 3284 (replace "T7" with "T1" and "TP1 TP28" with "TP33"), 3285 (replace "T7" with "T1" and "TP1 TP28" with "TP33"), 3288, 3345, 3349

Class	Labels	PG	Tank Instruction	Tank prov.	Apply to
8	8	I	T6	TP33	1759, 1905, 2430 (replace "T10" with "T1" and "TP2 TP28" with "TP33"), 2921, 2923, 3084, 3095, 3096, 3147, 3259, 3260, 3261, 3262, 3263
		II	T3	TP33	1725, 1726, 1727, 1740, 1756, 1759, 1770, 1794, 1806, 1807, 1811 (replace "T7" with "T3" and "TP2" with "TP33"), 1813, 1823, 1825, 1839, 1847, 1849 (replace "T7" with "T3" and "TP2" with "TP33"), 1939 (replace "T7" with "T3" and "TP2" with "TP33"), 2033, 2430 (replace "TP2" with "TP33"), 2439, 2506, 2509, 2583, 2670, 2678, 2680, 2682, 2691, 2869, 2921, 2923, 3084, 3095, 3096, 3147, 3244, 3259, 3260, 3261, 3262, 3263
		III	T1	TP33	1740, 1759, 1773, 1907, 1910, 2214 (replace "T4" with "T1" and "TP3" with "TP33"), 2215 (replace "T4" with "T1" and "TP1" with "TP33"), 2280 (replace "T4" with "T1" and "TP3" with "TP33"), 2331, 2430 (replace "T3" with "T1" and "TP1" with "TP33"), 2440, 2475, 2503, 2507, 2508, 2578, 2579 (replace "T4" with "T1" and "TP1 TP30" with "TP33"), 2585, 2698, 2802, 2803, 2812, 2823 (replace "T4" with "T1" and "TP1" with "TP33"), 2834 (replace "T3" with "T1" and "TP1" with "TP33"), 2865, 2869, 2905, 2923, 2967, 3147, 3253, 3259, 3260, 3261, 3262, 3263
9	9	II	T3	TP33	2212, 2969, 3152
		III	T1	TP33	1841, 1931, 2211, 2216, 2590, 3077

Chapter 3.3

~~SP63~~ Amend as follows:

~~Replace (a) and (b) with the following:~~

~~"(a) Division 2.1 applies if the contents include 85% by mass or more flammable components and the chemical heat of combustion is 30 kJ/g or more;~~

~~"(b) Division 2.2 applies if the contents contain 1% by mass or less flammable components and the heat of combustion is less than 20 kJ/g."~~

~~Insert a new (c) as follows:~~

~~"(c) Otherwise the product shall be classified as tested by the tests described in the *Manual of Tests and Criteria*, Part III, section 31. Extremely flammable and flammable aerosols shall be classified in Division 2.1; non flammable in Division 2.2;"~~

~~The existing subparagraphs (c), (d), (e) and (f) become (d), (e), (f) and (g) respectively.~~

~~Add at the end a new paragraph to read as follows:~~

~~"Flammable components are flammable liquids, flammable solids or flammable gases and gas mixtures as defined in Notes 1 to 3 of sub-section 31.1.3 of Part III of the *Manual of Tests and Criteria*. This designation does not cover pyrophoric, self heating or water reactive substances. The chemical heat of combustion shall be determined by one of the following methods ASTM D 240, ISO/FDIS 13943: 1999 (E/F) 86.1 to 86.3 or NFPA 30B."~~

SP 133 — Amend to read:

~~"If over confined in packagings, this substance may exhibit explosive behaviour. Packagings authorized under packing instruction P409 are intended to prevent over confinement. When a packaging other than those prescribed under packing instruction P409 is authorized by the competent authority of the country of origin in accordance with 4.1.3.7, the package shall bear an "EXPLOSIVE" subsidiary risk label unless the competent authority of the country of origin has permitted this label to be dispensed with for the specific packaging employed because test data have proved that the substance in this packaging does not exhibit explosive behaviour (see 5.4.1.5.5.1). The provisions of 7.1.3.1 shall also be then considered."~~

SP 179 — Amend to read:

~~"This designation shall be used for substances and mixtures which are dangerous to the aquatic environment or which are marine pollutants that do not meet the classification criteria of any other class or another substance within Class 9. This designation may also be used for wastes not otherwise subject to these Regulations but which are covered under the *Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal* and for substances designated to be environmentally hazardous substances by the competent authority of the country of origin, transit or destination which do not meet the criteria for an environmentally hazardous substance according to these Regulations or for any other hazard Class."~~

SP 215 Add the following text at the end:

"Homogeneous mixtures containing not more than 35 % by mass of azocarbonamide and at least 65 % of inert substance are not subject to these Regulations unless criteria of other classes or divisions are met."

SP219 Amend to read as follows:

"Genetically modified micro-organisms and genetically modified organisms which meet the definition of an infectious substance and the criteria for inclusion in Division 6.2 in accordance with Chapter 2.6 shall be ~~transported~~ carried as UN No. 2814, UN No. 2900 or UN No. 3373, as appropriate."

SP240 — Add the following at the end of the existing special provision 240:

~~"Hybrid electric vehicles powered by both an internal combustion engine and wet batteries, sodium batteries or lithium batteries, transported with the battery(ies) installed shall be consigned under the entries UN 3166 VEHICLE, FLAMMABLE GAS POWERED or UN 3166 VEHICLE, FLAMMABLE LIQUID POWERED, as appropriate."~~

SP243 — Amend to read as follows:

~~"Gasoline, motor spirit and petrol for use in spark ignition engines (e.g. in automobiles, stationary engines and other engines) shall be assigned to this entry regardless of variations in volatility."~~

SP 247 Delete: "deviating for the requirements of Chapter 6.1," in the first paragraph.

SP296 Replace the existing text with the following:

"These entries apply for life-saving appliances such as life rafts, personal flotation devices and self-inflating slides. UN No. 2990 applies for self-inflating appliances and UN No. 3072 applies for life-saving appliances that are not self-inflating. Life-saving appliances may contain:

- (a) Signal devices (Class 1) which may include smoke and illumination signal flares packed in packagings that prevent them from being inadvertently activated;

- (b) For UN 2990 only, cartridges, power device of Division 1.4, compatibility group S, may be contained for purposes of the self-inflating mechanism and provided that the quantity of explosives per appliance does not exceed 3.2 g;
- (c) Division 2.2 compressed gases;
- (d) Electric storage batteries (Class 8) and lithium batteries (Class 9);
- (e) First aid kits or repair kits containing small quantities of dangerous goods (e.g.: Class 3, Division 4.1, Division 5.2, Class 8 or Class 9 substances); or
- (f) "Strike anywhere" matches packed in packagings that prevent them from being inadvertently activated."

SP 309

Amend the last sentence to read as follows:

"Substances shall satisfactorily pass Test Series 8 of the *Manual of Tests and Criteria*, Part I, Section 18."

Add the following new special provisions:

- 311** Substances shall not be ~~transported~~ carried under this entry unless approved by the competent authority on the basis of the results of appropriate tests according to Part I of the *Manual of Tests and Criteria*. Packaging shall ensure that the percentage of diluent does not fall below that stated in the competent authority approval, at any time during ~~transport~~ carriage.
- 312** Vehicles which contain an internal combustion engine shall be consigned under the entries UN 3166 VEHICLE, FLAMMABLE GAS POWERED or UN 3166 VEHICLE, FLAMMABLE LIQUID POWERED, as appropriate. These entries include hybrid electric vehicles powered by both an internal combustion engine and wet batteries, sodium batteries or lithium batteries, ~~transported~~ carried with the battery(ies) installed.
- 313** Substances and mixtures meeting the criteria for Class 8 shall be labelled with a "CORROSIVE" subsidiary risk label.
- 314**
 - a) These substances are liable to exothermic decomposition at elevated temperatures. Decomposition can be initiated by heat or by impurities (e.g. powdered metals (iron, manganese, cobalt, magnesium) and their compounds);
 - b) During the course of ~~transport~~ carriage, these substances shall be shaded from direct sunlight and all sources of heat and be placed in adequately ventilated areas.
- 315** This entry shall not be used for Division 6.1 substances which meet the inhalation toxicity criteria for packing group I described in 2.6.2.2.4.3.
- 316** This entry applies only to calcium hypochlorite, dry or hydrated, when ~~transported~~ carried in non friable tablet form.
- 317** "Fissile-excepted" applies only to those packages complying with 6.4.11.2.

- 318** For the purposes of documentation, the proper shipping name shall be supplemented with the technical name (see 3.1.2.8). ~~Technical names need not be shown on the package.~~ When the infectious substances to be ~~transported~~ carried are unknown, but suspected of meeting the criteria for inclusion in category A and assignment to UN 2814 or UN 2900, the words "suspected category A infectious substance" shall be shown, in parentheses, following the proper shipping name on the transport document, ~~but not on the outer packagings.~~
- 319** This entry applies to human or animal material including, but not limited to, excreta, secreta, blood and its components, tissue and tissue fluids, and body parts being ~~transported~~ carried for purposes such as research, diagnosis, investigational activities, disease treatment or prevention. Substances packed and marked in accordance with packing instruction P650 are not subject to any other requirements ~~in these Regulations Of RID/ADR/ADN.~~
- 320** It is intended that this entry will be deleted from modal requirements effective on 1 January 2007. Irrespective of 2.0.2.2, in the interim period, this entry or the appropriate generic entry may be used.
- 321** These storage systems shall always be considered as containing hydrogen."