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ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

Working Party on the Transport
of Dangerous Goods

REPORT OF THE WORKING PARTY ON ITS SEVENTY-SECOND SESSION
(13-17 May 2002)

Addendum 1

Annex 1

Corrections to the annex to Depositary Notification C.N. 1078.2000.TREATIES-3 and
to document ECE/TRANS/140 (Vol. I and II),
as approved by the Working Party

PART 1

- 1.1.3.6.2 In the list of provisions for Part 8, delete "and (3)" in the line "S2(1) and (3)".
- 1.1.3.6.3 Do not apply to the English version.
- 1.2.1 Do not apply to the English version.
- 1.4.2.2.1 (d) Delete "fixed tanks,".
- 1.6.4.5 Do not apply to the English version.

PART 2

- 2.1.3.8 In the second sentence, replace "LC₅₀ (see definition in 2.3.4.7)" with "LC₅₀² (see definitions in 2.3.5.1, 2.3.5.2 and 2.3.5.3)" and add a footnote to read as follows:

"2 Lowest value of 96-hour LC₅₀, 48-hour EC₅₀ or 72-hour IC₅₀ as appropriate."
- 2.2.1.1.4 In the second sentence, replace "in section 2.3.1" with "in 2.3.0 and 2.3.1".
- 2.2.1.3 Under classification code 1.4C, insert "0501 PROPELLANT, SOLID" after the existing entry for UN No. 0479, in the right column.
- 2.2.2.3 In the table, for Classification code 2F, UN No 1965, add "A" after "for mixtures" in Note 1.
- 2.2.3.1.1 Under NOTE 1, for "under the sustained combustibility test conditions given in sub-section 32.5.2 of Part III of the Manual of Tests and Criteria do not sustain combustion" read "do not sustain combustion according to the criteria of sub-section 32.2.5 of Part III of the Manual of Tests and Criteria,".

Under NOTE 6, insert the words ", highly corrosive and having a boiling point or an initial boiling point exceeding 35 °C" after "UN No. 2920 CORROSIVE LIQUID, FLAMMABLE, N.O.S.".
- 2.2.3.1.7 Replace "section 2.3.2" with "2.3.3.1 and 2.3.4".
- 2.2.41.1.17 In the table, for "Tanks", replace "over" with "below" under the heading "SADT ^{am}".
- 2.2.41.2.3 Delete the 5th indent.
- 2.2.41.4 The correction concerning the N,N'-DINITROPENTAMETHYLENETRAMINE does not apply to the English version.

In the list of remarks after the table, in remark (8) replace "2.2.41.1.16" with "2.2.41.1.15".
- 2.2.51.1.8 Do not apply to the English version.
- 2.2.51.3 In the list of collective entries, for "OTC", replace "hazard" with "hazards".
- 2.2.52.1.16 In the table, for "Tanks", replace "over" with "below" under the heading "SADT ^{am}".

2.2.52.4 In the list of currently assigned organic peroxides:

The correction concerning the "p-MENTHYL HYDROPEROXIDE" does not apply to the English version.

For the entry "DI-tert-BUTYL PEROXIDE" with a concentration of $\leq 32\%$ add "(in tanks)" in the first column.

The correction concerning the "tert-BUTYLPEROXYBENZOATE" does not apply to the English version.

The correction concerning the "DI-(2-ETHYLHEXYL)PEROXYDICARBONATE" does not apply to the English version.

2.2.7.8.4 In the table, under "Transport index (TI)" replace "not more than 1 a" with "not more than 1 ^a" in the second row.

PART 3

3.2.1 Under the explanatory text for Column (10) replace the last sentence of the first paragraph with: "If no code is given, carriage in portable tanks is not permitted unless a competent authority approval is granted as detailed in 6.7.1.3."

Table A of Chapter 3.2

UN No.	Column	Corrections
1040 ethylene oxide (without nitrogen), 1363, 1364, 1365, 1373, 1379, 1386, 1442, 1805 solid entry, 2217, 2858 and 3175	14	Delete the contents of the cell
1040 ethylene oxide with nitrogen and 2481	14	Insert "FL"
1043	4 9	Add "2A" Add "P200"
1051 and 2903 (PG I)	18	Add "CV1"
1133, 1210, 1263 and 1866 (all PG III and non viscous)	9a	Add "PP1"
1393	9b	Replace "MP15" with "MP14"
1396 packing group III, 1418 packing group III, 1458 packing group III, 1459 packing group III, 1481 packing group III, 1482 packing group III, 1483 packing group III, 1503, 2870 (not in devices), 3119, 3120, 3229, 3230, 3239 and 3240	14	Insert "AT"
1411	19	Add "S2"
1436 (PG II) and 2805	9a	Add "PP40"
1442	7	Replace "LQ10" with "LQ11"
1560 and 1809	9b	Replace "MP18" with "MP8 MP17"

UN No.	Column	Corrections
1598	9b	Replace "MP15" with "MP10"
1598, 2077, 2250 and 2516	12	Insert "SGAH" before "L4BH"
1600, 2312, 2447 and 3250	18	Delete "CV28"
1600 and 3250	15	Replace "2" with "0"
1656 (solid)	8	Replace "P001 IBC02" with "P002 IBC08"
1693 solid (PG I) and 1889	9b	Replace "MP8 MP17" with "MP18"
1700	2	Do not apply to the English version
1729	7	Replace "LQ23" with "LQ22"
1733, 1847, 1849, 2305, 2949 and 3262 (PGII)	12	Replace "L4BN SGAN" with " SGAN L4BN"
1766	7	Replace "LQ0" with "LQ22"
1790, packing group I, entry with more than 60% but not more than 85% hydrofluoric acid	13	Insert "TE1"
1792	8 9a 9b	Replace "P002 IBC08" with "P001 IBC02" Delete "B2 B4" Replace "MP10" with "MP15"
1805 solid	8 20	Replace "LP01" with "LP02" Insert "80"
1889	8	Replace "P001" with "P002"
1942	17	Replace "VW08" with "VV08"
1992 (PG I)	13	Add "TU14"
2073, 2672 and 3318	2	Do not apply to the English version
2250	7	Replace "LQ17" with "LQ18"
2297	2	Replace "METHYLCYCLO-HEXANONE" with "METHYLCYCLOHEXANONE"
2315 and 3151	7	Replace "LQ29" with "LQ26 LQ29"
2431, 2432 and 2433 liquid	7	Replace "LQ9" with "LQ19"
2447 and 3254	19	Add "S20"
2481	20	Insert "336"
2583	12	Replace "S4BN" with "SGAN L4BN"
2602	2	Replace "DICHLORODIFLUOROMETANE AND DIFLUOROETHANE AZEOTROPIC MIXTURE..." with "DICHLORODIFLUOROMETANE AND 1,1-DIFLUOROETHANE AZEOTROPIC MIXTURE..." (<i>remainder unchanged</i>)
2623	8	Replace "LP01" with "LP02"
2749	9b	Replace "MP12" with "MP17"
2870 (Aluminium borohydride in devices), 3129 (PG III), 3130 (PG III), 3148 (PG III) and 3207 (PG II and III)	8	Delete "PR1"

UN No.	Column	Corrections
2910	18	Insert "CV33"
2984	9a	Add "PP10"
3090 and 3091	8	Add "P903a)"
3095 (PG I)	12	Add "S10AN"
3152	7	Replace "LQ29" with "LQ25"
3176 (PG III)	10	Replace "T3" with "T1"
3207, packing group II	9a	Delete "B2"
3207, packing group III		Delete "B4"
3224	19	Insert "S18"
3229, 3230 and 3239	20	Insert "40"
3240	20	Reinsert "40" (Supersedes the correction indicated in document TRANS/WP.15/167/Add.3)
3243	9b	Replace "MP15" with "MP10"
3244	17	Replace "VV9" with "VV10"
3262 (PGIII)	12	Replace "L4BN SGAV" with "SGAV L4BN"
3288 (PG III), 3289 (PG II) and 3290 (PG II)	18	Delete "CV1"
3290 (PG I)	12	Insert "L10CH" after "S10AH"
3290 (PG II)	9b	Replace "MP15" with "MP10"
3291	12	Replace "L4BH S4AH" with "S4AH L4BH"
	18	Add "CV25"
3319, 3343, 3344 and 3357	19	Add "S17"
3321 and 3322	12	Replace "L2.65CN(+) S2.65AN(+)" with "S2.65AN(+) L2.65CN(+)"
3354	19	Delete "S7"

3.3.1 **SP513** Replace the existing text with the following:

"UN No. 0224 barium azide, dry or wetted with less than 50% water, by mass, is a substance of Class 1. UN No. 1571 barium azide, wetted is a substance of Class 4.1. UN No. 1854 barium alloys, pyrophoric, are substances of Class 4.2. UN No. 1445 barium chlorate, UN No. 1446 barium nitrate, UN No. 1447 barium perchlorate, UN No. 1448 barium permanganate, UN No. 1449 barium peroxide, UN No. 2719 barium bromate and UN No. 2741 barium hypochlorite with more than 22% available chlorine are substances of Class 5.1. UN No. 1565 barium cyanide and UN No. 1884 barium oxide are substances of Class 6.1."

3.4.5 Do not apply to the English version.

PART 4

4.1.4.1 **P200** Do not apply to the English version.

P404 In the list of UN numbers under the heading, delete "1370" and add "2441".

P410 Delete "1404", "1485", "1495" and "3247" from the list of UN Nos. in special packing provision PP40.

P520 In the third line, replace "4.1.7" with "4.1.7.1".

P906(1) and (2) Insert "or polyhalogenated biphenyls or terphenyls" after "PCBs".

R001 Delete special packing provision RR3.

4.1.4.2 **IBC02** Delete special packing provision B11.

In special packing provision B5, insert ",2984" immediately after "2014".

IBC06 In special packing provision B1, replace "transported" with "carried".

4.1.9.2.3 (b) Replace "2.2.7.2" with "2.2.7.5".

4.1.10.3 Do not apply to the English version.

4.2.4.2.6 **T23** In the entry for UN 3109 Pynanyl hydroperoxide, replace "50%" with "56%".

T50 For UN 1075, replace "gas" with "gases" in column 2.

For UN 2602, replace "Dichlorodifluorometane and difluoroethane azeotropic mixture..." with "dichlorodifluorometane and 1,1-difluoroethane azeotropic mixture..." (*remainder unchanged*).

The correction concerning UN 3318 does not apply to the English version.

4.3.3.2.5 Do not apply to the English version.

4.3.4.1.2 In the table:

For tank code LGBV, replace "none" in the first row (Class 4.1 and classification code F2) with "II, III".

For tank code LGBF, insert the following new rows before "and groups of..." as follows:

3	D	II vapour pressure at 50 °C ≤ 1.1 bar
3	D	III

For tank code L1.5BN, insert the following new rows before the existing text:

3	F1	III flashpoint <23°C, viscous, 1.1bar<vapour pressure at 50°C ≤ 1.75 bar
3	D	I, II 1.1 bar < vapour pressure at 50 °C ≤ 1.75bar

For tank code L4BN, add "III" in the first row (Class 3 and classification code F1), under the heading "packing group", delete the entry for classification code CS2, packing group II against Class 8 and insert the following new rows:

3	D	I vapour pressure at 50 °C>1.75 bar
5.1	OT1	I

For tank code L4BH, insert the following new rows:

6.1	TW2	II
	TO2	II
	TC4	II

For tank code L10BH, insert the following new row:

8	CW2	I
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For tank code SGAV, add "II" under the heading "packing group", for Class 4.2, classification code S2 and insert the following new row:

4.2	S4	III
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For tank code SGAN, delete ",III" under the heading "packing group" for Class 4.2, classification code S2 and insert the following new row:

4.3	WF2	II
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PART 5

- 5.1.5.4 In the table, for special form radioactive material replace "1.6.5.4" with "1.6.6.3" in the references column; for packages containing 0.1 kg or more of uranium hexafluoride replace "6.4.22.3" with "6.4.22.1" in the references column; for approved packages design subjected to transitional measures replace "1.6.5" with "1.6.6" in the columns for the competent authority approval and "1.6.5.2, 1.6.5.3" with "1.6.6.2" in the references column; for Type B(U) packages add "6.4.22.2", for Type B(M) packages add "6.4.22.3", for Type C packages add "6.4.22.2" and for special form radioactive material add "6.4.22.5", in the references column.
- 5.2.2.2.2 Do not apply to the English version.
- 5.3.1.2 Do not apply to the English version.
- 5.4.1.1.6 Insert ", "EMPTY LARGE PACKAGING"" after "EMPTY IBC".
- 5.4.2 In footnote 4, under the note in 5.4.2.2, replace "requied" with "required".

PART 6

- 6.1.6.2 In the table for Class 8, before the entry for "Hydrazine, aqueous solutions with not more than 64% hydrazine by mass (UN No. 2030)" insert the following title "Corrosive liquids toxic (classification code CT1)".

6.4.8.7 Rearrange the text as follows:

"A package shall be so designed that, if it were subjected to:

- (a) the tests specified...per hour; and
- (b) the tests specified ... and the tests in:
 - (i) 6.4.17.2 (c), when the package...radioactive material, or
 - (ii) 6.4.17.2 (a), for all other packages,

it would meet the following requirements:

- retain sufficient ... to contain; and
- restrict the accumulated... all other radionucleides."

6.4.22.7 Replace "1.6.5" with "1.6.6".

6.5.4.3.5 Do not apply to the English version.

6.10.2.1 Do not apply to the English version.

PART 7

7.2.4 **V8 (1)** Replace "2.2.41.1.19" with "2.2.41.1.17".

7.3.3 **VV10** Insert ", as a full load," after "carriage in bulk is permitted".

7.4.1 Replace the first sentence with the following: "Dangerous goods may not be carried in tanks unless a code is indicated in Columns (10) or (12) of Table A of Chapter 3.2 or unless a competent authority approval is granted as detailed in 6.7.1.3."

7.5.2.1 In note b under the table, replace the text between brackets with "(UN Nos. 2990, 3072 and 3268)".

7.5.11 **CV20** Add "of Chapter 7.2" after "V8(5) and (6)".

CV33 The correction concerning the NOTE 2 does not apply to the English version.

PART 8

8.2.1.2 Replace "8.2.2.3.3" with "8.2.2.3.2".

8.2.1.3 Replace "8.2.2.3.2" with "8.2.2.3.3".

Chapter 8.5 **S5** Do not apply to the English version.

PART 9

9.7.8.3 Add ""according to IEC 60079 part 14² for" after "Zone 2". (*Text of footnote 2 remain unchanged*).
