

## ECONOMIC COMMISSION FOR EUROPE

### INLAND TRANSPORT COMMITTEE

#### Working Party on the Transport of Dangerous Goods

Joint Meeting of Experts on the Regulations annexed to the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)  
(ADN Safety Committee)

Fourteenth session  
Geneva, 26-30 January 2009  
Item 4 of the agenda

### **AMENDMENTS TO THE RECOMMENDATIONS ON THE TRANSPORT OF DANGEROUS GOODS (MODEL REGULATIONS)**

#### **Note by the secretariat**

The secretariat reproduces hereafter the amendments to the Dangerous goods list adopted by the Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals at its fourth session.

#### Dangerous Goods List

For UN Nos. 0323, 0366, 0441, 0445, 0455, 0456, 0460 and 0500, add "347" in column (6).

For UN Nos. 1002 and 1956, delete "292" in column (6).

For UN Nos. 1092, 1098, 1135, 1143, 1163, 1182, 1185, 1238, 1239, 1244, 1251, 1510, 1541, 1580, 1595, 1605, 1647, 1670, 1695, 1752, 1809, 1810, 1834, 1838, 1892, 1994, 2232, 2334, 2337, 2382, 2407, 2474, 2477, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2521, 2605, 2606, 2644, 2646, 2668, 3023, 3079 and 3246 add "354" in column (6).

For UN Nos. 1092, 1098, 1135, 1143, 1163, 1182, 1185, 1238, 1239, 1244, 1251, 1541, 1580, 1595, 1605, 1647, 1670, 1695, 1752, 1809, 1810, 1838, 1892, 1994, 2232, 2334, 2337, 2382, 2407, 2474, 2477, 2480, 2482, 2484, 2485, 2486, 2487, 2488, 2521, 2606, 2644, 2646, 2668, 3023 and 3246 amend the code in column (7b) to read "E0".

For UN Nos. 1135, 1838, 2232, 2382, 2474, 2477, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2521, 2605, 2606, 2644, 2668, 3079 and 3246 replace "P001" with "P602" in column (8) and delete "IBC02" for UN 1838.

For UN Nos. 1135, 1182, 1541, 1605, 1670, 1810, 1838, 1892, 2232, 2474, 2477, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2521, 2605, 2606, 2644, 2668, 3079 and 3246 amend the code in column (10) to read "T20".

For UN Nos. 1135, 1182, 1251, 1510, 1541, 1580, 1605, 1670, 1810, 1834, 1838, 1892, 2232, 2382, 2407, 2474, 2477, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2521, 2605, 2606, 2644, 2668, 3079 and 3246 add "TP37" in column (11).

For UN Nos. 1143, 1695, 1752, 1809, 2337, 2646 and 3023, replace "P001" with "P602" in column (8).

For UN Nos. 1194, 1222, 1261, 1865, 3094 and 3301, replace "P099" with "P001" in column (8).

For UN Nos. 1251 and 1580 amend the code in column (10) to read "T22".

For UN Nos. 1378, 1450, 1461, 1462, 1482 (PG II and III), 1549, 1556 (PG I, II and III), 1557 (PG I, II and III), 1564 (PG II and III), 1566 (PG II and III), 1583 (PG I, II and III), 1655 (PG I, II and III), 1935 (PG I, II and III), 2024 (PG I, II and III), 2025 (PG I, II and III), 2026 (PG I, II and III), 2291, 2570 (PG I, II and III), 2627, 2630, 2742, 2856, 2881 (PG I, II and III), 3141, 3144 (PG I, II and III), 3210 (PG II and III), 3212, 3213 (PG II and III), 3214, 3219 (PG II and III), 3256, 3257, 3258, 3283 (PG I, II and III), 3284 (PG I, II and III), 3285 (PG I, II and III), 3361, 3362, 3340 (PG I, II and III) add "274" in column (6).

For UN Nos. 1391, 1649 and 2030 (packing group I), delete "329" in column (6).

For UN Nos. 1450 and 3213, add "350" in column (6).

For UN Nos. 1461 and 3210, add "351" in column (6).

For UN Nos. 1482 and 3214, add "353" in column (6).

For UN Nos. 1748, 2208 and 2880 (packing groups I and II), delete "313" in column (6).

For UN Nos. 1810, 1838, 2474, 2486 and 2668, replace "II" with "I" in column (5).

For UN Nos. 1810, 1834, 2474 and 2668 add "TP13" in column (11).

For UN Nos. 1950 and 2037, add "344" in column (6).

For UN Nos. 2474, 2486 and 2668 amend the value in column (7a) to read "0".

For UN Nos. 2481, 2483, 2486, 2605 and 3079, replace "3" with "6.1" in column (3) and replace "6.1" with "3" in column (4).

For UN Nos. 2910, 2916, 2917, 2919 and 3323, add "325" in column (6).

For UN Nos. 3077 and 3082, delete "179" in column (6).

For UN Nos. 3095, 3096 and 3124, replace "P099" with "P002" in column (8).

For UN Nos. 3328, 3329, 3330 and 3331, add "326" in column (6).

For UN Nos. 3391 to 3394, 3395 to 3399 (packing groups I, II and III) and 3400 (packing groups II and III), add "TP36" in column (11).

For UN Nos. 3480 and 3481, add "348" in column (6).

UN 1040      Add "342" in column (6).

UN 1072      Add "355" in column (6).

UN 1267 (three entries)      Add "357" in column (6).

UN 1266      For packing groups II and III, add "163" in column (6).

UN 1462      Add "352" in column (6).

UN 1580      Replace "P602" with "P601" in column (8).

UN 1845      Delete "III" in column (5).

UN 1977      Add "345 346" in column (6).

UN 1999 (twice) In column (2), amend the name and description to read "TARS, LIQUID, including road oils, and cutback bitumens". Amend the alphabetical index accordingly.

UN 2481      Replace "P601" with "P602" in column (8).

UN 3166      In column (2), insert "or ENGINE, FUEL CELL, FLAMMABLE GAS POWERED or ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED or VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED or VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED" at the end. Amend the alphabetical index accordingly.

UN 3166      Add "356" in column (6).

UN 3212      Add "349" in column (6).

UN 3359      In column (2), amend the proper shipping name to read "FUMIGATED CARGO TRANSPORT UNIT". Amend the alphabetical index accordingly.

UN 3468      Add "356" in column (6) and replace "P099" with "P205" in column (8).

UN 3474 In column (2), amend the name and description to read "1-HYDROXYBENZOTRIAZOLE MONOHYDRATE" and in column (6), delete "28". Amend the alphabetical index accordingly.

Add the following new entries and amend the alphabetical index accordingly:

(1)	(2)	(3)	(4)	(5)	(6)	(7a)	(7b)	(8)	(9)	(10)	(11)
0509	POWDER, SMOKELESS†	1.4C				0	E0	P114(b)	PP48		
1471	LITHIUM HYPOCHLORITE, DRY or LITHIUM HYPOCHLORITE MIXTURE	5.1		III	223	5 kg	E1	P002 IBC08 LP02	B3	T1	TP33
3482	ALKALI METAL DISPERSION, FLAMMABLE or ALKALINE EARTH METAL DISPERSION, FLAMMABLE	4.3	3	I	182 183	0	E0	P402			
3483	MOTOR FUEL ANTI-KNOCK MIXTURE, FLAMMABLE	6.1	3	I		0	E5	P602		T14	TP2 TP13
3484	HYDRAZINE AQUEOUS SOLUTION, FLAMMABLE, with more than 37% hydrazine, by mass	8	3 6.1	I		0	E0	P001		T10	TP2 TP13
3485	CALCIUM HYPOCHLORITE, DRY, CORROSIVE or CALCIUM HYPOCHLORITE MIXTURE, DRY, CORROSIVE with more than 39% available chlorine (8.8% available oxygen)	5.1	8	II	314	1 kg	E2	P002 IBC08	PP85 B2, B4, B13		
3486	CALCIUM HYPOCHLORITE MIXTURE, DRY, CORROSIVE with more than 10% but not more than 39% available chlorine	5.1	8	III	314	5 kg	E1	P002 IBC08 LP02	PP85 B3, B13		
3487	CALCIUM HYPOCHLORITE, HYDRATED, CORROSIVE or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE, CORROSIVE, with not less than 5.5% but not more than 16% water	5.1	8	II	314 322	1 kg	E2	P002 IBC08	PP85 B2, B4, B13		
3487	CALCIUM HYPOCHLORITE, HYDRATED, CORROSIVE or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE, CORROSIVE, with not less than 5.5% but not more than 16% water	5.1	8	III	223 314	5 kg	E1	P002 IBC08	PP85 B4		
3488	TOXIC BY INHALATION LIQUID, FLAMMABLE, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	6.1	3 8	I	274	0	E5	P601		T22	TP2 TP13

(1)	(2)	(3)	(4)	(5)	(6)	(7a)	(7b)	(8)	(9)	(10)	(11)
3489	TOXIC BY INHALATION LIQUID, FLAMMABLE, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	6.1	3 8	I	274	0	E5	P602		T20	TP2 TP13
3490	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	6.1	4.3 3	I	274	0	E5	P601		T22	TP2 TP13
3491	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	6.1	4.3 3	I	274	0	E5	P602		T20	TP2 TP13
3492	TOXIC BY INHALATION LIQUID, CORROSIVE, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	6.1	8 3	I	274	0	E5	P601		T22	TP2 TP13
3493	TOXIC BY INHALATION LIQUID, CORROSIVE, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	6.1	8 3	I	274	0	E5	P602		T20	TP2 TP13
3494	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	6.1	I	343	0	E0	P001		T14	TP2 TP13
3494	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	6.1	II	343	1 L	E2	P001 IBC02		T7	TP2
3494	PETROLEUM SOUR CRUDE OIL, FLAMMABLE, TOXIC	3	6.1	III	343	5 L	E1	P001 IBC03		T4	TP1
3495	IODINE	8	6.1	III	279	5 kg	E1	P002 IBC08	B3	T1	TP33

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