

# UN/SCETDG/30/INF.73

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## COMMITTEE OF EXPERTS ON THE TRANSPORT OF DANGEROUS GOODS AND ON THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS

Sub-Committee of Experts on the  
Transport of Dangerous Goods

Thirtieth session  
Geneva, 4-12 (a.m.) December 2006  
Item 2(a)(ii) of the provisional agenda

### PROPOSALS OF AMENDMENT TO THE RECOMMENDATIONS ON THE TRANSPORT OF DANGEROUS GOOD

Amendments to ST/SG/AC.10/C.3/2006/93

Transmitted by the expert from the United States of America

Based on comments received from the Sub-Committee at the present meeting, the following amendments are made to the proposals presented in ST/SG/AC.10/C.3/2006/93:

1. The proposals to amend tank instructions for substances for which specific data is not available are withdrawn.
2. The proposals to amend tank instructions for materials of Classes other than Division 6.1 Packing Group I are withdrawn.
3. The proposal relative to Bromoacetone is withdrawn as the Sub-Committee has already agreed to amend the tank provisions consistent with the guiding principles previously in the biennium.

A revised annex is provided which includes the toxicity and vapour pressure data for all substances whose tank instructions are proposed to be amended. The Sub-Committee is invited to take a decision only on substances of Division 6.1 PG I for which data has been presented. The remainder of the entries are retained in struck-out text for the information of the Sub-Committee as they may be the subject of future work.



Liquids with an inhalation toxicity lower than or equal to 1000 ml/m3 and saturated vapour concentration greater than or equal to 10 LC50											
UN #	Name	Class	SR	PG	Current Instruction	Proposed Special Provisions	Liquid Instruction	Special Provisions	LC50	SVC	10 LC50
1098	ALLYL ALCOHOL	6.1	3	I	T14	TP2 TP13	T20	TP2, TP13	253	26000	2530
1135	ETHYLENE CHLOROHYDRIN	6.1	3	I	T14	TP2 TP13	T20	TP2, TP13	74	6450	740
1143	CROTONALDEHYDE or CROTONALDEHYDE, STABILIZED	6.1	3	I	T14	TP2 TP13	T20	TP2, TP13	93	42100	930
1163	DIMETHYLHYDRAZINE, UNSYMMETRICAL	6.1	3 8	I	T14	TP2 TP13	T20	TP2, TP13	504	206000	5040
1182	ETHYL CHLOROFORMATE	6.1	3 8	I	T14	TP2 TP13	T20	TP2, TP13	145	55300	1450
<del>1510</del>	<del>TETRANITROMETHANE</del>	<del>5.1</del>	<del>6.1</del>	<del>I</del>	<del>-</del>	<del>-</del>	<del>T20</del>	<del>TP2, TP13</del>	<del>36</del>	<del>11000</del>	<del>360</del>
<del>1541</del>	<del>ACETONE CYANOHYDRIN, STABILIZED</del>	<del>6.1</del>	<del>-</del>	<del>I</del>	<del>T14</del>	<del>TP2 TP13</del>	<del>T20</del>	<del>TP2, TP13</del>	<del>--</del>	<del>13200</del>	<del>—</del>
<del>1560</del>	<del>ARSENIC TRICHLORIDE</del>	<del>6.1</del>	<del>-</del>	<del>I</del>	<del>T14</del>	<del>TP2 TP13</del>	<del>T20</del>	<del>TP2, TP13</del>	<del>--</del>	<del>11500</del>	<del>—</del>
<del>1580</del>	<del>CHLOROPICRIN</del>	<del>6.1</del>	<del>-</del>	<del>I</del>	<del>T14</del>	<del>TP2 TP13</del>	<del>T20</del>	<del>TP2, TP13</del>	<del>--</del>	<del>26100</del>	<del>—</del>
1595	DIMETHYL SULPHATE	6.1	8	I	T14	TP2 TP13	T20	TP2, TP13	17	1000	170
1605	ETHYLENE DIBROMIDE	6.1		I	T14	TP2 TP13	T20	TP2, TP13	650	11300	6500
<del>1613</del>	<del>HYDROCYANIC ACID, AQUEOUS SOLUTION (HYDROGEN CYANIDE, AQUEOUS SOLUTION) with not more than 20% hydrogen cyanide</del>	<del>6.1</del>	<del>-</del>	<del>I</del>	<del>T14</del>	<del>TP2 TP13</del>	<del>T20</del>	<del>TP2, TP13</del>	<del>--</del>	<del>--</del>	<del>—</del>
1647	METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURE, LIQUID <sup>1</sup>	6.1		I			T20	TP2, TP13	--	--	--
1670	PERCHLOROMETHYL MERCAPTAN	6.1		I	T14	TP2 TP13	T20	TP2, TP13	--	32900	--
<del>1672</del>	<del>PHENYL CARBYLAMINE CHLORIDE</del>	<del>6.1</del>	<del>-</del>	<del>I</del>	<del>T14</del>	<del>TP2 TP13</del>	<del>T20</del>	<del>TP2, TP13</del>	<del>--</del>	<del>--</del>	<del>—</del>
1695	CHLOROACETONE, STABILIZED	6.1	3 8	I	T14	TP2 TP13	T20	TP2, TP13	262	41900	2620

<sup>1</sup> While no data can be provided on the mixture as compositions will vary, data has been provided for both methyl bromide and ethylene dibromide.

1722	ALLYL CHLOROFORMATE	6.1	3 8	I	T14	TP2 TP13	T20	TP2, TP13	61	20400	610
<del>1746</del>	<del>BROMINE TRIFLUORIDE</del>	<del>5.1</del>	<del>6.1</del> <del>8</del>	<del>I</del>	<del>T22</del>	<del>TP2 TP12</del> <del>TP13</del>	<del>T20</del>	<del>TP2, TP12,</del> <del>TP13</del>	<del>50</del>	<del>9200</del>	<del>500</del>
1752	CHLOROACETYL CHLORIDE	6.1	8	I	T14	TP2 TP13	T20	TP2, TP13	660	24600	6600
1809	PHOSPHORUS TRICHLORIDE	6.1	8	I	T14	TP2 TP13	T20	TP2, TP13	208	125000	2080
<del>1810</del>	<del>PHOSPHORUS OXYCHLORIDE</del>	<del>8</del>	<del>-</del>	<del>H</del>	<del>T7</del>	<del>TP2</del>	<del>T20</del>	<del>TP2, TP13</del>	<del>96</del>	<del>35500</del>	<del>960</del>
<del>1838</del>	<del>TITANIUM TETRACHLORIDE</del>	<del>8</del>	<del>-</del>	<del>H</del>	<del>T10</del>	<del>TP2 TP13</del>	<del>T20</del>	<del>TP2, TP13</del>	<del>119</del>	<del>12800</del>	<del>1190</del>
1892	ETHYLDICHLOROARSINE	6.1		I	T14	TP2 TP13	T20	TP2, TP13	36	2800	360
2232	2-CHLOROETHANAL	6.1		I	T14	TP2 TP13	T20	TP2, TP13	160	24300	1600
2334	ALLYLAMINE	6.1	3	I	T14	TP2 TP13	T20	TP2, TP13	590	261000	5900
2337	PHENYL MERCAPTAN	6.1	3	I	T14	TP2 TP13	T20	TP2, TP13	66	1450	660
2382	DIMETHYLHYDRAZINE, SYMMETRICAL	6.1	3	I	T14	TP2 TP13	T20	TP2, TP13	680	92000	6800
2407	ISOPROPYL CHLOROFORMATE	6.1	3 8	I			T20	TP2, TP13	299	36800	2990
2438	TRIMETHYL-ACETYL CHLORIDE	6.1	3 8	I	T14		T20	TP2, TP13	507	35500	5070
<del>2442</del>	<del>TRICHLORO ACETYL CHLORIDE</del>	<del>8</del>	<del>-</del>	<del>H</del>	<del>T7</del>	<del>TP2</del>	<del>T20</del>	<del>TP2, TP13</del>	<del>128</del>	<del>22700</del>	<del>1280</del>
<del>2474</del>	<del>THIOPHOSGENE</del>	<del>6.1</del>	<del>-</del>	<del>H</del>	<del>T7</del>	<del>-</del>	<del>T20</del>	<del>TP2, TP13</del>	<del>-</del>	<del>150000</del>	<del>-</del>
2477	METHYL ISOTHIOCYANATE	6.1	3	I	T14	TP2 TP13	T20	TP2, TP13	635	27400	6350
2485	n-BUTYL ISOCYANATE	6.1	3	I	T14	TP2 TP13	T20	TP2, TP13	105	13900	1050
2487	PHENYL ISOCYANATE	6.1	3	I	T14	TP2 TP13	T20	TP2, TP13	16	2470	160
2488	CYCLOHEXYL ISOCYANATE	6.1	3	I	T14	TP2 TP13	T20	TP2, TP13	15	2170	150
2521	DIKETENE, STABILIZED	6.1	3	I	T14	TP2 TP13	T20	TP2, TP13	551	10500	5510

2606	METHYL ORTHOSILICATE	6.1	3	I	T14	TP2 TP13	T20	TP2, TP13	200	13300	2000
2644	METHYL IODIDE	6.1		I	T14	TP2 TP13	T20	TP2, TP13	448	414000	4480
2646	HEXACHLOROCYCLO-PENTADIENE	6.1		I	T14	TP2 TP13	T20	TP2, TP13	3	100	30
<del>2668</del>	<del>CHLOROACETONITRILE</del>	<del>6.1</del>	<del>3</del>	<del>H</del>	<del>T7</del>	<del>TP2</del>	<del>T20</del>	<del>TP2, TP13</del>	<del>—</del>	<del>13200</del>	<del>—</del>
<del>2826</del>	<del>ETHYL CHLOROTHIOFORMATE</del>	<del>8</del>	<del>3</del>	<del>H</del>	<del>T7</del>	<del>TP2</del>	<del>T20</del>	<del>TP2, TP13</del>	<del>138</del>	<del>10900</del>	<del>1380</del>
3023	2-METHYL-2-HEPTANETHIOL	6.1	3	I	T14	TP2 TP13	T20	TP2, TP13			1020
<del>3079</del>	<del>METHACRYLONITRILE, STABILIZED</del>	<del>3</del>	<del>6.1</del>	<del>I</del>	<del>T14</del>	<del>TP2 TP13</del>	<del>T20</del>	<del>TP2, TP13</del>	<del>656</del>	<del>84200</del>	<del>6560</del>
3246	METHANESULPHONYL CHLORIDE	6.1	8	I	T14	TP2 TP12 TP13	T20	TP2, TP12, TP13	205	2760	2050
<del>3294</del>	<del>HYDROGEN CYANIDE, SOLUTION IN ALCOHOL with not more than 45% hydrogen cyanide</del>	<del>6.1</del>	<del>3</del>	<del>I</del>	<del>T14</del>	<del>TP2 TP13</del>	<del>T20</del>	<del>TP2, TP13</del>	<del>—</del>	<del>—</del>	<del>—</del>