

UN/SCETDG/30/INF.74

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 the discussions of the lunchtime working group which reviewed the proposals in ST/SG/AC.10/C.3/2006/93 as amended by INF.73, a revised final listing of toxic by inhalation substances whose portable tank instructions and portable tank special provisions are proposed to be amended in accordance with the guiding principles is attached for review and approval by the Sub-Committee. While the working group agreed that the values presented in the amended list in INF.73 supported classification as toxic by inhalation substances, it was requested that the United States present more specific data on substances with a data source other than the Registry of Toxic Effects of Chemical Substances (RTECS). For this reason substances with a data source other than the RTECS have been removed in this final listing (though retained in strike-out text to facilitate future work). It is anticipated that a future proposal will further address this issue by proposing appropriate reclassification of several of the listed substances and by proposing consequential amendments to Packing Instructions based on further alignment with the guiding principles

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
4135	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
4182	ETHYL CHLOROFORMATE	6.1	3 8	I	T14	TP2 TP13	T20	TP2, TP13	145	55300	1450
4510	TETRANITROMETHANE	5.1	6.1	I	-	-	T20	TP2, TP13	36	11000	360
4541	ACETONE CYANOHYDRIN, STABILIZED	6.1	-	I	T14	TP2 TP13	T20	TP2, TP13	--	13200	--
4560	ARSENIC TRICHLORIDE	6.1	-	I	T14	TP2 TP13	T20	TP2, TP13	--	11500	--
4580	CHLOROPICRIN	6.1	-	I	T14	TP2 TP13	T20	TP2, TP13	--	26100	--
1595	DIMETHYL SULPHATE	6.1	8	I	T14	TP2 TP13	T20	TP2, TP13	17	1000	170
4605	ETHYLENE DIBROMIDE	6.1	-	I	T14	TP2 TP13	T20	TP2, TP13	650	11300	6500
4613	HYDROCYANIC ACID, AQUEOUS SOLUTION (HYDROGEN CYANIDE, AQUEOUS SOLUTION) with not more than 20% hydrogen cyanide	6.1	-	I	T14	TP2 TP13	T20	TP2, TP13	--	--	--
1647	METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURE, LIQUID ¹	6.1		I			T20	TP2, TP13	--	--	--
4670	PERCHLOROMETHYL MERCAPTAN	6.1	-	I	T14	TP2 TP13	T20	TP2, TP13	--	32900	--
4672	PHENYLCARBYLAMINE CHLORIDE	6.1	-	I	T14	TP2 TP13	T20	TP2, TP13	--	--	--
1695	CHLOROACETONE, STABILIZED	6.1	3 8	I	T14	TP2 TP13	T20	TP2, TP13	262	41900	2620

¹ 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	†	T14	TP2 TP13	T20	TP2, TP13	61	20400	610
1746	BROMINE TRIFLUORIDE	5.1	6.1 8	†	T22	TP2 TP12 TP13	T20	TP2, TP12, TP13	50	9200	500
1752	CHLOROACETYL CHLORIDE	6.1	8	†	T14	TP2 TP13	T20	TP2, TP13	660	24600	6600
1809	PHOSPHORUS TRICHLORIDE	6.1	8	†	T14	TP2 TP13	T20	TP2, TP13	208	125000	2080
1810	PHOSPHORUS OXYCHLORIDE	8	-	†	T7	TP2	T20	TP2, TP13	96	35500	960
1838	TITANIUM TETRACHLORIDE	8	-	†	T10	TP2 TP13	T20	TP2, TP13	119	12800	1190
1892	ETHYLDICHLOROARSINE	6.1	-	†	T14	TP2 TP13	T20	TP2, TP13	36	2800	360
2232	2-CHLOROETHANAL	6.1	-	†	T14	TP2 TP13	T20	TP2, TP13	160	24300	1600
2334	ALLYLAMINE	6.1	3	†	T14	TP2 TP13	T20	TP2, TP13	590	261000	5900
2337	PHENYL MERCAPTAN	6.1	3	†	T14	TP2 TP13	T20	TP2, TP13	66	1450	660
2382	DIMETHYLHYDRAZINE, SYMMETRICAL	6.1	3	†	T14	TP2 TP13	T20	TP2, TP13	680	92000	6800
2407	ISOPROPYL CHLOROFORMATE	6.1	3-8	†	-	-	T20	TP2, TP13	299	36800	2990
2438	TRIMETHYL ACETYL CHLORIDE	6.1	3-8	†	T14	-	T20	TP2, TP13	507	35500	5070
2442	TRICHLORO-ACETYL CHLORIDE	8	-	†	T7	TP2	T20	TP2, TP13	128	22700	1280
2474	THIOPHOSGENE	6.1	-	†	T7	-	T20	TP2, TP13	-	150000	-
2477	METHYL ISOTHIOCYANATE	6.1	3	†	T14	TP2 TP13	T20	TP2, TP13	635	27400	6350
2485	n-BUTYL ISOCYANATE	6.1	3	†	T14	TP2 TP13	T20	TP2, TP13	105	13900	1050
2487	PHENYL ISOCYANATE	6.1	3	†	T14	TP2 TP13	T20	TP2, TP13	16	2470	160
2488	CYCLOHEXYL ISOCYANATE	6.1	3	†	T14	TP2 TP13	T20	TP2, TP13	15	2170	150
2521	DIKETENE, STABILIZED	6.1	3	†	T14	TP2 TP13	T20	TP2, TP13	551	10500	5510

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