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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

Twenty-ninth session  
Geneva, 3-12 (a.m.) July 2006  
Item 7 of the provisional agenda

**MISCELLANEOUS PROPOSALS OF AMENDMENTS TO THE MODEL  
REGULATIONS ON THE TRANSPORT OF DANGEROUS GOODS**

Transport of various substances of Classes 3-9 in portable tanks

Transmitted by the expert from the United Kingdom

**Introduction**

1. The Sub-Committee will recall that the system of aligning portable tanks to substances based on the rationalised approach has been developed during previous biennia. These first appeared in the 11<sup>th</sup> revised edition of the Model Regulations. Since then there have been additions to the list of substances that can be carried in portable tanks and there have also been a number of working and information papers that have sought to explain the criteria behind this for the purposes of developing the guiding principles.
2. The expert from the United Kingdom is aware that there are still a number of substances indicated in the Dangerous Goods List of the Model Regulations that do not attract a portable tank code; the expert from the United Kingdom attaches a list of those substances in the attached Annex. None of those substances appear to come into the category of those considered unsuitable for portable tanks and are referred to in the general guidelines for

portable tanks, see part 1 of ST/SG/AC.10/C.3/2005/51, produced by the expert from the United States of America.

3. The expert from the United Kingdom would welcome discussion on the suitability of these portable tank codes for the substances listed and if the Sub-Committee agrees proposes listing these codes under columns 10 and 11 of the Dangerous Goods List.

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**Annex (ENGLISH ONLY)**

UN NUMBER	PROPER SHIPPING NAME	CLASS	SUB HAZARD	PG	PROPOSED PORTABLE TANK CODE	PROPOSED TP CODE	RID/ADR TANK (CODE)
UN 1308	ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID	3		I	T11	TP1 TP27	YES (L4BN)(L1.5BN)
UN 1308	ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID	3		II	T7	TP1 TP8 TP28	YES (L1.5BN)(LGBF)
UN 1308	ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID	3		III	T4	TP1 TP29	YES (LGBF)
UN 3248	MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	3	6.1	II	T11	TP2 TP27	YES (L4BH)
UN 3248	MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	3	6.1	III	T7	TP1 TP28	YES (L4BH)
UN 1380	PENTABORANE	4.2	6.1	I	T21	TP2 TP7	YES (L21DH)
UN 1471	LITHIUM HYPOCHLORITE, DRY OR LITHIUM HYPOCHLORITE MIXTURE	5.1		II	T3	TP33	YES (SGAN)
UN 1748	CALCIUM HYPOCHLORITE, DRY or CALCIUM HYPOCHLORITE MIXTURE, DRY	5.1		II	T3	TP33	YES (SGAN)
UN 1748	CALCIUM HYPOCHLORITE, DRY or CALCIUM HYPOCHLORITE MIXTURE, DRY	5.1		III	T1	TP33	YES (SGAV)
UN 2208	CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 10% but not more than 39% available chlorine	5.1		III	T1	TP33	YES (SGAN)

UN NUMBER	PROPER SHIPPING NAME	CLASS	SUB HAZARD	PG	PROPOSED PORTABLE TANK CODE	PROPOSED TP CODE	RID/ADR TANK (CODE)
UN 2880	CALCIUM HYPOCHLORITE, HYDRATED or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE with not less than 5.5% and not more than 16% water	5.1		II	T3	TP33	YES (SGAN)
UN 2880	CALCIUM HYPOCHLORITE, HYDRATED or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE with not less than 5.5% and not more than 16% water	5.1		III	T1	TP33	YES (SGAV)
UN 1259	NICKEL CARBONYL	6.1	3	I	T14	TP2 TP7 TP13 TP27	YES (L15CH)
UN 1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1		I	T14	TP2	YES (L10CH)
UN 1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1		II	T11	TP2 TP27	YES (L4BH)
UN 1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1		III	T7	TP1 TP28	YES (L4BH)
UN 1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC N.O.S.	6.1		I	T14	TP2	YES (L10CH)
UN 1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC N.O.S.	6.1		II	T11	TP2 TP27	YES (L4BH)
UN 1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC N.O.S.	6.1		III	T7	TP1 TP28	YES (L4BH)

UN NUMBER	PROPER SHIPPING NAME	CLASS	SUB HAZARD	PG	PROPOSED PORTABLE TANK CODE	PROPOSED TP CODE	RID/ADR TANK (CODE)
UN 1647	METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURE, LIQUID	6.1		I	T14	TP2 TP13	YES (L10CH)
UN 1656	NICOTINE HYDROCHLORIDE, LIQUID or SOLUTION	6.1		II	T7	TP2	YES (L4BH)
UN 1656	NICOTINE HYDROCHLORIDE, LIQUID or SOLUTION	6.1		III	T4	TP1	YES (L4BH)
UN 1699	DIPHENYLCHLOROARSINE, LIQUID	6.1		I	T14	TP2 TP13	YES (L10CH)
UN 1851	MEDICINE, LIQUID, TOXIC, N.O.S.	6.1		II	T11	TP2 TP27	YES (L4BH)
UN 1851	MEDICINE, LIQUID, TOXIC, N.O.S.	6.1		III	T7	TP1 TP28	YES (L4BH)
UN 2024	MERCURY COMPOUND, LIQUID, N.O.S.	6.1		I	T14	TP2	YES (L10CH)
UN 2024	MERCURY COMPOUND, LIQUID, N.O.S.	6.1		II	T11	TP2 TP27	YES (L4BH)
UN 2024	MERCURY COMPOUND LIQUID, N.O.S.	6.1		III	T7	TP1 TP28	YES (L4BH)
UN 2609	TRIALLYL BORATE	6.1		III	T4	TP1	YES (L4BH)
UN 3122	TOXIC LIQUID, OXIDIZING, N.O.S.	6.1	5.1	I	T14	TP2	YES (L10CH)
UN 3122	TOXIC LIQUID, OXIDIZING, N.O.S.	6.1	5.1	II	T11	TP2 TP27	YES (L4BH)
UN 3123	TOXIC LIQUID, WATER REACTIVE, N.O.S.	6.1	4.3	I	T14	TP2	YES (L10CH)
UN 3123	TOXIC LIQUID, WATER REACTIVE, N.O.S.	6.1	4.3	II	T11	TP2 TP27	YES (L4BH)

UN NUMBER	PROPER SHIPPING NAME	CLASS	SUB HAZARD	PG	PROPOSED PORTABLE TANK CODE	PROPOSED TP CODE	RID/ADR TANK (CODE)
UN 3140	ALKALOIDS, LIQUID, N.O.S or ALKALOID SALTS, LIQUID, N.O.S.	6.1		I	T14	TP2	YES (L10CH)
UN 3140	ALKALOIDS, LIQUID, N.O.S or ALKALOID SALTS, LIQUID, N.O.S.	6.1		II	T11	TP2 TP27	YES (L4BH)
UN 3140	ALKALOIDS, LIQUID, N.O.S or ALKALOID SALTS, LIQUID, N.O.S.	6.1		III	T7	TP1 TP28	YES (L4BH)
UN 3141	ANTIMONY COMPOUND, INORGANIC, LIQUID, N.O.S.	6.1		III	T7	TP1 TP28	YES (L4BH)
UN 3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.	6.1		I	T14	TP2	YES (L10CH)
UN 3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.	6.1		II	T11	TP2 TP27	YES (L4BH)
UN 3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.	6.1		III	T7	TP1 TP28	YES (L4BH)
UN 3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.	6.1		I	T14	TP2	YES (L10CH)
UN 3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.	6.1		II	T11	TP2 TP27	YES (L4BH)
UN 3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.	6.1		III	T7	TP1 TP28	YES (L4BH)
UN 3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.	6.1		I	T14	TP2	YES (L10CH)

UN NUMBER	PROPER SHIPPING NAME	CLASS	SUB HAZARD	PG	PROPOSED PORTABLE TANK CODE	PROPOSED TP CODE	RID/ADR TANK (CODE)
UN 3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.	6.1		II	T11	TP2 TP27	YES (L4BH)
UN 3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.	6.1		III	T7	TP1 TP28	YES (L4BH)
UN 1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8		I	T14	TP2 TP27	YES (L10BH)
UN 1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8		II	T11	TP2 TP27	YES (L4BN)
UN 1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8		III	T7	TP1 TP28	YES (L4BN)
UN 2809	MERCURY	8		III	T4	TP1	YES (L4BN)
UN 2904	CHLOROPHENOLATES, LIQUID, or PHENOLATES LIQUID	8		III	T4	TP1	YES (L4BN)
UN 3093	CORROSIVE LIQUID, OXIDIZING, N.O.S.	8	5.1	I	T14	TP2 TP27	YES (L10BH)
UN 3093	CORROSIVE LIQUID, OXIDIZING, N.O.S.	8	5.1	II	T11	TP2 TP27	YES (L4BN)
UN 3094	CORROSIVE LIQUID, WATER, REACTIVE, N.O.S.	8	4.3	I	T14	TP2 TP27	YES (L10BH)
UN 3094	CORROSIVE LIQUID, WATER, REACTIVE, N.O.S.	8	4.3	II	T11	TP2 TP27	YES (L4BN)
UN 3151	POLYHALOGENATED BIPHENYLS, LIQUID or POLYHALOGENATED TERPHENYLS, LIQUID	9		II	T4	TP1	YES (L4BH)