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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****Forty-first session**

Geneva, 25 June – 4 July 2012

Item 3 (a) of the provisional agenda

**Listing, classification and packing:****proposals of amendments to the list of dangerous goods of Chapter 3.2****Exempted quantities****Transmitted by the International Civil Aviation Organization (ICAO)****Background**

1. At the fortieth session of the Sub-Committee, ICAO submitted the informal document SCETDG/40/INF.40 (Information on decisions taken by the ICAO Dangerous Goods Panel (DGP)). This included notice that a number of substances which are forbidden on passenger aircraft are permitted in exempted quantities in the Model Regulations.
2. When exempted quantities were incorporated into the UN Model Regulations, it was done largely on the basis of the proposal submitted by the expert from the United Kingdom ST/SG/AC.10/C.3/2006/45. This recognized the restriction in the Technical Instructions to only permit substances in exempted quantities which were permitted for transport on passenger aircraft and was reflected in the list contained in the supporting informal paper SCETDG/29/INF.3/Rev.1.
3. A comparison of the list of dangerous goods in the UN Model Regulations and in the Technical Instructions reveals a number of anomalies in the assignment of EQ codes, specifically for those substances which are forbidden for transport on passenger aircraft (and/or cargo aircraft) but which have been assigned an EQ code in the Model Regulations.

**Proposal**

4. A list of substances which are forbidden for transport on passenger aircraft but which have been assigned an EQ code in the UN recommendations is provided in the annex.
5. The Sub-Committee is invited to assign a value of E0 for these entries.

## Annex

### Excepted quantity codes

*Note.— Substances which are forbidden on passenger aircraft are assigned an excepted quantity code of "E0" in the Technical Instructions. Substances which are forbidden on both passenger and cargo aircraft are not assigned an excepted quantity code. Entries in this list with no excepted quantity code under column 7 should therefore have "E0" assigned in the Model Regulations.*

UN No.	Name and Description	Risk	Sub Risk	UN PG	UN EQ	TI EQ
1043	FERTILIZER AMMONIATING SOLUTION with free ammonia	2.2			E1	E0
1051	HYDROGEN CYANIDE, STABILIZED containing less than 3% water	6.1	3	I	E5	
1089	ACETALDEHYDE	3		I	E3	E0
1228	MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	3	6.1	II	E2	E0
1259	NICKEL CARBONYL	6.1	3	I	E5	
1261	NITROMETHANE	3		II	E2	E0
1278	1-CHLOROPROPANE	3		II	E2	E0
1308	ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID	3		I	E3	E0
1331	MATCHES, 'STRIKE ANYWHERE'	4.1		III	E1	
1361	CARBON, animal or vegetable origin	4.2		III	E1	
1361	CARBON, animal or vegetable origin	4.2		II	E2	
1363	COPRA	4.2		III	E1	
1364	COTTON WASTE, OILY	4.2		III	E1	
1365	COTTON, WET	4.2		III	E1	
1373	FIBRES or FABRICS, ANIMAL or VEGETABLE or SYNTHETIC, N.O.S. with oil	4.2		III	E1	
1376	IRON OXIDE, SPENT or IRON SPONGE, SPENT obtained from coal gas purification	4.2		III	E1	
1378	METAL CATALYST, WETTED with a visible excess of liquid	4.2		II	E2	E0
1379	PAPER, UNSATURATED OIL TREATED, incompletely dried (including carbon paper)	4.2		III	E1	
1386	SEED CAKE with more than 1.5% oil and not more than 11% moisture	4.2		III	E1	
1545	ALLYL ISOTHIOCYANATE, STABILIZED	6.1	3	II	E4	E0
1560	ARSENIC TRICHLORIDE	6.1		I	E5	
1569	BROMOACETONE	6.1	3	II	E4	
1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1		III	E1	

UN No.	Name and Description	Risk	Sub Risk	UN PG	UN EQ	TI EQ
1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1		II	E4	
1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1		I	E5	
1603	ETHYL BROMOACETATE	6.1	3	II	E4	
1613	HYDROCYANIC ACID, AQUEOUS SOLUTION (HYDROGEN CYANIDE, AQUEOUS SOLUTION) with not more than 20% hydrogen cyanide	6.1		I	E5	
1614	HYDROGEN CYANIDE, STABILIZED, containing less than 3% water and absorbed in a porous inert material	6.1		I	E5	
1649	MOTOR FUEL ANTI-KNOCK MIXTURE	6.1		I	E5	E0
1672	PHENYL CARBYLAMINE CHLORIDE	6.1		I	E5	
1693	TEAR GAS SUBSTANCE, LIQUID, N.O.S.	6.1		I	E5	
1693	TEAR GAS SUBSTANCE, LIQUID, N.O.S.	6.1		II	E4	E0
1694	BROMOBENZYL CYANIDES, LIQUID	6.1		I	E5	E0
1697	CHLOROACETOPHENONE, SOLID	6.1		II	E4	E0
1698	DIPHENYLAMINE CHLOROARSINE	6.1		I	E5	
1699	DIPHENYLCHLOROARSINE, LIQUID	6.1		I	E5	
1701	XYLYL BROMIDE, LIQUID	6.1		II	E4	E0
1722	ALLYL CHLOROFORMATE	6.1	3 8	I	E5	
1732	ANTIMONY PENTAFLUORIDE	8	6.1	II	E2	E0
1792	IODINE MONOCHLORIDE, SOLID	8		II	E2	E0
1796	NITRATING ACID MIXTURE with not more than 50% nitric acid	8		II	E2	E0
1802	PERCHLORIC ACID with not more than 50% acid, by mass	8	5.1	II	E2	E0
1806	PHOSPHORUS PENTACHLORIDE	8		II	E2	E0
1808	PHOSPHORUS TRIBROMIDE	8		II	E2	E0
1826	NITRATING ACID MIXTURE, SPENT, with not more than 50% nitric acid	8		II	E2	E0
1832	SULPHURIC ACID, SPENT	8		II	E2	E0
1837	THIOPHOSPHORYL CHLORIDE	8		II	E2	E0
1868	DECABORANE	4.1	6.1	II	E2	E0
1889	CYANOGEN BROMIDE	6.1	8	I	E5	
1906	SLUDGE ACID	8		II	E2	E0
1932	ZIRCONIUM SCRAP	4.2		III	E1	
1939	PHOSPHORUS OXYBROMIDE	8		II	E2	E0
2002	CELLULOID, SCRAP	4.2		III	E1	
2006	PLASTICS, NITROCELLULOSE-BASED, SELF-HEATING, N.O.S.	4.2		III	E1	
2030	HYDRAZINE AQUEOUS SOLUTION with more than 37% hydrazine, by mass	8	6.1	II	E2	E0

UN No.	Name and Description	Risk	Sub Risk	UN PG	UN EQ	TI EQ
2031	NITRIC ACID, other than red fuming, with at least 65%, but not more than 70% nitric acid	8	5.1	II	E2	E0
2031	NITRIC ACID, other than red fuming, with less than 65% nitric acid	8		II	E2	E0
2073	AMMONIA SOLUTION, relative density less than 0.880 at 15 °C in water, with more than 35% but not more than 50% ammonia	2.2			E1	E0
2212	BLUE ASBESTOS (crocidolite) or BROWN ASBESTOS (amosite, mysorite)	9		II	E2	
2217	SEED CAKE with not more than 1.5% oil and not more than 11% moisture	4.2		III	E1	
2249	DICHLORODIMETHYL ETHER, SYMMETRICAL	6.1	3	I	E5	
2254	MATCHES, FUSEE	4.1		III	E1	
2295	METHYL CHLOROACETATE	6.1	3	I	E5	
2363	ETHYL MERCAPTAN	3		I	E3	E0
2404	PROPIONITRILE	3	6.1	II	E2	E0
2438	TRIMETHYLACETYL CHLORIDE	6.1	3 8	I	E5	
2442	TRICHLOROACETYL CHLORIDE	8		II	E2	
2443	VANADIUM OXYTRICHLORIDE	8		II	E2	E0
2558	EPIBROMOHYDRIN	6.1	3	I	E5	
2626	CHLORIC ACID, AQUEOUS SOLUTION with not more than 10% chloric acid	5.1		II	E2	
2691	PHOSPHORUS PENTABROMIDE	8		II	E2	E0
2740	n-PROPYL CHLOROFORMATE	6.1	3 8	I	E5	
2743	n-BUTYL CHLOROFORMATE	6.1	3 8	II	E4	
2749	TETRAMETHYLSILANE	3		I	E3	E0
2798	PHENYLPHOSPHORUS DICHLORIDE	8		II	E2	E0
2799	PHENYLPHOSPHORUS THIODICHLORIDE	8		II	E2	E0
2826	ETHYL CHLOROTHIOFORMATE	8	3	II	E2	
2835	SODIUM ALUMINIUM HYDRIDE	4.3		II	E2	E0
2881	METAL CATALYST, DRY	4.2		II	E2	E0
2956	5-tert-BUTYL-2,4,6-TRINITRO-m-XYLENE (MUSK XYLENE)	4.1		III	E1	
3048	ALUMINIUM PHOSPHIDE PESTICIDE	6.1		I	E5	E0
3097	FLAMMABLE SOLID, OXIDIZING, N.O.S.	4.1	5.1	II	E2	
3097	FLAMMABLE SOLID, OXIDIZING, N.O.S.	4.1	5.1	III	E1	
3100	OXIDIZING SOLID, SELF-HEATING, N.O.S.	5.1	4.2	II	E2	
3121	OXIDIZING SOLID, WATER-REACTIVE, N.O.S.	5.1	4.3	II	E2	
3122	TOXIC LIQUID, OXIDIZING, N.O.S.	6.1	5.1	I	E5	E0
3123	TOXIC LIQUID, WATER-REACTIVE, N.O.S.	6.1	4.3	I	E5	E0

<b>UN No.</b>	<b>Name and Description</b>	<b>Risk</b>	<b>Sub Risk</b>	<b>UN PG</b>	<b>UN EQ</b>	<b>TI EQ</b>
3127	SELF-HEATING SOLID, OXIDIZING, N.O.S.	4.2	5.1	II	E2	
3127	SELF-HEATING SOLID, OXIDIZING, N.O.S.	4.2	5.1	III	E1	
3133	WATER-REACTIVE SOLID, OXIDIZING, N.O.S.	4.3	5.1	II	E2	
3133	WATER-REACTIVE SOLID, OXIDIZING, N.O.S.	4.3	5.1	III	E1	
3242	AZODICARBONAMIDE	4.1		II	E2	
3251	ISOSORBIDE-5-MONONITRATE	4.1		III	E1	
3294	HYDROGEN CYANIDE, SOLUTION IN ALCOHOL with not more than 45% hydrogen cyanide	6.1	3	I	E5	
3315	CHEMICAL SAMPLE, TOXIC	6.1		I	E5	
3375	AMMONIUM NITRATE EMULSION or SUSPENSION or GEL, intermediate for blasting explosives	5.1		II	E2	
3416	CHLOROACETOPHENONE, LIQUID	6.1		II	E4	E0
3448	TEAR GAS SUBSTANCE, SOLID, N.O.S.	6.1		I	E5	E0
3448	TEAR GAS SUBSTANCE, SOLID, N.O.S.	6.1		II	E4	E0
3450	DIPHENYLCHLOROARSINE, SOLID	6.1		I	E5	E0