

**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**
(Twentieth session, 3-12 December 2001,
agenda item 3 (b))

TANKS

Miscellaneous Proposals

Transport of solids in portable tanks

Transmitted by the Expert from the United States of America

Background

1. In ST/SG/AC.10/C.3/2001/55 the expert from the United States of America agreed to draft a list of tank code assignments for solid dangerous goods that are not currently authorized for transport in portable tanks in the Dangerous Goods List. Annex 2 of this paper provides a draft listing. The draft list of tank assignments was developed on the basis of the rationalized approach provided in Annex 1.

2. Tank assignments were not considered for the following items:

- explosives and desensitized explosives;
- certain blasting explosives and ammonium nitrate;
- Division 6.2 substances and Genetically Modified Micro-organisms, UN 3245;
- UN 3255, tert-Butyl hypochlorite and UN 2907, Isosorbide dinitrate mixture, which should be forbidden from transport in portable tanks;
- articles; and
- substances where it is not practical to transport them in portable tanks, including:

UN 2211, Polymeric beads, expandable

UN 3314, Plastics moulding compound

UN 2000, Celluloid

UN 1379, Paper, Unsaturated oil treated

UN 1386, Seed cake

UN 1365, Cotton, wet

UN 2793, Ferrous metal borings, shavings, turnings or cuttings

UN 2217, Seed cake

UN 1364, Cotton, waste oily

UN 2002, Celluloid, scrap

UN 2006, Plastics, nitrocellulose based, self-heating, n.o.s.

UN 2016, Ammunition toxic, non-explosive

3. As there are a few solids which are currently assigned tank codes in the Model Regulations, it is proposed that these tank codes be changed in accordance with the rationalized approach for consistency. A list of these solids with their current and proposed T-Codes is provided in Annex 3.

4. This paper does not include proposed assignments of tank provisions (TPs) for solids. The Subcommittee is invited to consider what TPs should apply to solids in tanks. The TPs which exist in the Recommendations generally apply to liquids and are considered to be inappropriate for solids. The following are examples of provisions which may be appropriate as TPs for solids:

- The substance should be so loaded that the weight is evenly distributed within the tank.
- The tank shall not be filled in excess of its maximum permissible gross mass.
- If the substance is offered for transport under elevated temperature conditions, the degree of filling prescribed in 4.2.1.9.5.1 shall not be exceeded (e.g. current TP3 and TP7).

5. Additional tank code assignments or amendments may be necessary on the basis of the paper from the Netherlands, UN/SCETDG/20/INF.17 Correct assignment of UN Numbers to substances and solutions with respect to physical state (liquid or solid).

Annex 1
Rationalized Approach to Assignment of Tank Instructions for Solids

Following is a proposed rationalized approach for the assignment of solids to portable tanks:

Tank Instructions for Solids – Rationalized Approach			
Class	PG	TI	TP
4.1	I	<i>Forbidden</i>	
	II	T3	
	III	T1	
4.2	I	T21	
	II	T3	
	III	T1	
4.3	I	T6	TP3, TP7
	II	T3	
	III	T1	
5.1	II	T3	
	III	T1	
6.1	I	T6	
	II	T3	
	III	T1	
8	I	T6	
	II	T3	
	III	T1	
9	I	T3	
	II	T1	

Annex 2
Proposed T-Codes for Solids not Currently Assigned T-Codes

UN#	Name	Class	PG	Sub-Risk	T1
1309	ALUMINIUM POWDER, COATED	4.1	II		T3
1323	FERROCERIUM	4.1	II		T3
1341	PHOSPHORUS SESQUISULPHIDE, free from yellow and white phosphorus	4.1	II		T3
1343	PHOSPHORUS TRISULPHIDE, free from yellow and white phosphorus	4.1	II		T3
3242	AZODICARBONAMIDE	4.1	II		T3
3178	FLAMMABLE SOLID, INORGANIC, N.O.S.	4.1	II		T3
3270	NITROCELLULOSE MEMBRANE FILTERS, with not more than 12.6% nitrogen, by dry mass	4.1	II		T3
1437	ZIRCONIUM HYDRIDE	4.1	II		T3
3181	METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.	4.1	II		T3
2556	NITROCELLULOSE WITH ALCOHOL (not less than 25% alcohol, by mass, and not more than 12.6% nitrogen, by dry mass)	4.1	II		T3
2555	NITROCELLULOSE WITH WATER (not less than 25% water, by mass)	4.1	II		T3
2989	LEAD PHOSPHITE, DIBASIC	4.1	II		T3
3089	METAL POWDER, FLAMMABLE, N.O.S.	4.1	II		T3
3097	FLAMMABLE SOLID, OXIDIZING, N.O.S.	4.1	II	5.1	T3
3179	FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.	4.1	II	6.1	T3
1868	DECABORANE	4.1	II	6.1	T3
2926	FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.	4.1	II	6.1	T3
3180	FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.	4.1	II	8	T3
2925	FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.	4.1	II	8	T3
1339	PHOSPHORUS HEPTASULPHIDE, free from yellow and white phosphorus	4.1	II		T3
1345	RUBBER SCRAP or RUBBER SHODDY, powdered or granulated, not exceeding 840 microns and rubber content exceeding 45%	4.1	II		T3
2989	LEAD PHOSPHITE, DIBASIC	4.1	III		T1
1330	MANGANESE RESINATE	4.1	III		T1
1328	HEXAMETHYLENETETRAMINE	4.1	III		T1
1324	FILMS, NITROCELLULOSE BASE, gelatin coated, except scrap	4.1	III		T1
1314	CALCIUM RESINATE, FUSED	4.1	III		T1

UN#	Name	Class	PG	Sub-Risk	TI
3181	METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.	4.1	III		T1
2213	PARAFORMALDEHYDE	4.1	III		T1
1869	MAGNESIUM or MAGNESIUM ALLOYS with more than 50% magnesium in pellets, turnings or ribbons	4.1	III		T1
1332	METALDEHYDE	4.1	III		T1
1353	FIBRES or FABRICS IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.	4.1	III		T1
2538	NITRONAPHTHALENE	4.1	III		T1
3178	FLAMMABLE SOLID, INORGANIC, N.O.S.	4.1	III		T1
2956	5-tert-BUTYL-2,4,6-TRINITRO-m-XYLENE (MUSK XYLENE)	4.1	III		T1
3089	METAL POWDER, FLAMMABLE, N.O.S.	4.1	III		T1
3241	2-BROMO-2-NITROPROPANE-1,3-DIOL	4.1	III		T1
2687	DICYCLOHEXYLAMMONIUM NITRITE	4.1	III		T1
2001	COBALT NAPHTHENATES, POWDER	4.1	III		T1
2714	ZINC RESINATE	4.1	III		T1
2878	TITANIUM SPONGE GRANULES or TITANIUM SPONGE POWDERS	4.1	III		T1
1318	COBALT RESINATE, PRECIPITATED	4.1	III		T1
3180	FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.	4.1	III	8	T1
1338	PHOSPHORUS, AMORPHOUS	4.1	III		T1
1313	CALCIUM RESINATE	4.1	III		T1
1312	BORNEOL	4.1	III		T1
3182	METAL HYDRIDES, FLAMMABLE, N.O.S.	4.1	III		T1
1309	ALUMINIUM POWDER, COATED	4.1	III		T1
2858	ZIRCONIUM, DRY, coiled wire, finished metal sheets, strip (thinner than 254 microns but not thinner than 18 microns)	4.1	III		T1
3097	FLAMMABLE SOLID, OXIDIZING, N.O.S.	4.1	III	5.1	T1
2925	FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.	4.1	III	8	T1
3179	FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.	4.1	III	6.1	T1
2717	CAMPHOR, synthetic	4.1	III		T1
1334	NAPHTHALENE, CRUDE or NAPHTHALENE, REFINED	4.1	III		T1
3251	ISOSORBIDE-5-MONONITRATE	4.1	III		T1
1346	SILICON POWDER, AMORPHOUS	4.1	III		T1

UN#	Name	Class	PG	Sub-Risk	TI
2715	ALUMINIUM RESINATE	4.1	III		T1
2926	FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.	4.1	III	6.1	T1
3254	TRIBUTYLPHOSPHANE	4.2	I		T21
1855	CALCIUM, PYROPHORIC or CALCIUM ALLOYS, PYROPHORIC	4.2	I		T21
2846	PYROPHORIC SOLID, ORGANIC, N.O.S.	4.2	I		T21
2881	METAL CATALYST, DRY	4.2	I		T21
2008	ZIRCONIUM POWDER, DRY	4.2	I		T21
1854	BARIUM ALLOYS, PYROPHORIC	4.2	I		T21
2545	HAFNIUM POWDER, DRY	4.2	I		T21
2546	TITANIUM POWDER, DRY	4.2	I		T21
1383	PYROPHORIC METAL, N.O.S. or PYROPHORIC ALLOY, N.O.S.	4.2	I		T21
3200	PYROPHORIC SOLID, INORGANIC, N.O.S.	4.2	I		T21
3255	tert-BUTYL HYPOCHLORITE	4.2	I	8	T21
2870	ALUMINIUM BOROHYDRIDE	4.2	I	4.3	T21
2441	TITANIUM TRICHLORIDE, PYROPHORIC or TITANIUM TRICHLORIDE MIXTURE, PYROPHORIC	4.2	I	8	T21
2005	MAGNESIUM DIPHENYL	4.2	I		T21
3342	XANTHATES	4.2	II		T3
2545	HAFNIUM POWDER, DRY	4.2	II		T3
1369	p-NITROSODIMETHYLANILINE	4.2	II		T3
1385	SODIUM SULPHIDE, ANHYDROUS or SODIUM SULPHIDE with less than 30% water of crystallization	4.2	II		T3
2940	9-PHOSPHABICYCLONONANES (CYCLOOCTADIENE PHOSPHINES)	4.2	II		T3
2318	SODIUM HYDROSULPHIDE with less than 25% water of crystallization	4.2	II		T3
2881	METAL CATALYST, DRY	4.2	II		T3
1923	CALCIUM DITHIONITE (CALCIUM HYDROSULPHITE)	4.2	II		T3
1374	FISH MEAL (FISH SCRAP), UNSTABILIZED	4.2	II		T3
1431	SODIUM METHYLATE	4.2	II	8	T3
3192	SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.	4.2	II	8	T3
3206	ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.	4.2	II	8	T3
3128	SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.	4.2	II	6.1	T3

UN#	Name	Class	PG	Sub-Risk	TI
3191	SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.	4.2	II	6.1	T3
3127	SELF-HEATING SOLID, OXIDIZING, N.O.S.	4.2	II	5.1	T3
3126	SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.	4.2	II	8	T3
1929	POTASSIUM DITHIONITE (POTASSIUM HYDROSULPHITE)	4.2	II		T3
2546	TITANIUM POWDER, DRY	4.2	II		T3
3313	ORGANIC PIGMENTS, SELF-HEATING	4.2	II		T3
2008	ZIRCONIUM POWDER, DRY	4.2	II		T3
1384	SODIUM DITHIONITE (SODIUM HYDROSULPHITE)	4.2	II		T3
3341	THIOUREA DIOXIDE	4.2	II		T3
3189	METAL POWDER, SELF-HEATING, N.O.S.	4.2	II		T3
3190	SELF-HEATING SOLID, INORGANIC, N.O.S.	4.2	II		T3
3088	SELF-HEATING SOLID, ORGANIC, N.O.S.	4.2	II		T3
1382	POTASSIUM SULPHIDE, ANHYDROUS or POTASSIUM SULPHIDE with less than 30% water of crystallization	4.2	II		T3
2004	MAGNESIUM DIAMIDE	4.2	II		T3
1361	CARBON, animal or vegetable origin	4.2	II		T3
3205	ALKALINE EARTH METAL ALCOHOLATES, N.O.S.	4.2	II		T3
3088	SELF-HEATING SOLID, ORGANIC, N.O.S.	4.2	III		T1
3192	SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.	4.2	III	8	T3
3206	ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.	4.2	III	8	T3
3126	SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.	4.2	III	8	T3
1376	IRON OXIDE, SPENT or IRON SPONGE, SPENT obtained from coal gas purification	4.2	III		T1
3341	THIOUREA DIOXIDE	4.2	III		T1
1932	ZIRCONIUM SCRAP	4.2	III		T1
1373	FIBRES or FABRICS, ANIMAL or VEGETABLE or SYNTHETIC, N.O.S. with oil	4.2	III		T1
1361	CARBON, animal or vegetable origin	4.2	III		T1
3190	SELF-HEATING SOLID, INORGANIC, N.O.S.	4.2	III		T1
3189	METAL POWDER, SELF-HEATING, N.O.S.	4.2	III		T1
3205	ALKALINE EARTH METAL ALCOHOLATES, N.O.S.	4.2	III		T1
3127	SELF-HEATING SOLID, OXIDIZING, N.O.S.	4.2	III	5.1	T1
3313	ORGANIC PIGMENTS, SELF-HEATING	4.2	III		T1

UN#	Name	Class	PG	Sub-Risk	TI
3128	SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.	4.2	III	6.1	T1
3174	TITANIUM DISULPHIDE	4.2	III		T1
2210	MANEB or MANEB PREPARATION with not less than 60% maneb	4.2	III	4.3	T1
2545	HAFNIUM POWDER, DRY	4.2	III		T1
2546	TITANIUM POWDER, DRY	4.2	III		T1
3342	XANTHATES	4.2	III		T1
1363	COPRA	4.2	III		T1
1362	CARBON, ACTIVATED	4.2	III		T1
2881	METAL CATALYST, DRY	4.2	III		T1
2008	ZIRCONIUM POWDER, DRY	4.2	III		T1
2009	ZIRCONIUM, DRY, finished sheets, strip or coiled wire	4.2	III		T1
3191	SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.	4.2	III	6.1	T1
1360	CALCIUM PHOSPHIDE	4.3	I	6.1	T6
1402	CALCIUM CARBIDE	4.3	I		T9
1404	CALCIUM HYDRIDE	4.3	I		T9
3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	4.3	I	8	T6
1419	MAGNESIUM ALUMINIUM PHOSPHIDE	4.3	I	6.1	T6
3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.	4.3	I	6.1	T6
2013	STRONTIUM PHOSPHIDE	4.3	I	6.1	T6
1714	ZINC PHOSPHIDE	4.3	I	6.1	T6
2012	POTASSIUM PHOSPHIDE	4.3	I	6.1	T6
2011	MAGNESIUM PHOSPHIDE	4.3	I	6.1	T6
1397	ALUMINIUM PHOSPHIDE	4.3	I	6.1	T6
1433	STANNIC PHOSPHIDES	4.3	I	6.1	T6
2010	MAGNESIUM HYDRIDE	4.3	I		T9
1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER	4.3	I	4.2	T6
3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	4.3	I	4.2	T6
1436	ZINC POWDER or ZINC DUST	4.3	I	4.2	T6
3135	WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.	4.3	I	4.2	T6
1870	POTASSIUM BOROHYDRIDE	4.3	I		T9
1432	SODIUM PHOSPHIDE	4.3	I	6.1	T6

UN#	Name	Class	PG	Sub-Risk	TI
1423	RUBIDIUM	4.3	I		T9
3372	ORGANOMETALLIC COMPOUND, SOLID, WATER-REACTIVE, FLAMMABLE, N.O.S.	4.3	I	4.1	T9
3132	WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.	4.3	I	4.1	T9
1389	ALKALI METAL AMALGAM	4.3	I		T9
3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	4.3	I		T9
1414	LITHIUM HYDRIDE	4.3	I		T9
1427	SODIUM HYDRIDE	4.3	I		T9
1391	ALKALI METAL DISPERSION or ALKALINE EARTH METAL DISPERSION	4.3	I		T9
1407	CAESIUM	4.3	I		T9
2463	ALUMINIUM HYDRIDE	4.3	I		T9
1410	LITHIUM ALUMINIUM HYDRIDE	4.3	I		T9
1392	ALKALINE EARTH METAL AMALGAM	4.3	I		T9
2813	WATER-REACTIVE SOLID, N.O.S.	4.3	I		T9
2806	LITHIUM NITRIDE	4.3	I		T9
1413	LITHIUM BOROHYDRIDE	4.3	I		T9
1415	LITHIUM	4.3	I		T9
1420	POTASSIUM METAL ALLOYS	4.3	I		T9
1426	SODIUM BOROHYDRIDE	4.3	I		T9
1409	METAL HYDRIDES, WATER-REACTIVE, N.O.S.	4.3	I		T9
3135	WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.	4.3	II	4.2	T3
1400	BARIUM	4.3	II		T3
3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	4.3	II	8	T3
3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.	4.3	II	6.1	T3
1395	ALUMINIUM FERROSILICON POWDER	4.3	II	6.1	T3
3133	WATER-REACTIVE SOLID, OXIDIZING, N.O.S.	4.3	II	5.1	T3
1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER	4.3	II	4.2	T3
1401	CALCIUM	4.3	II		T3
2813	WATER-REACTIVE SOLID, N.O.S.	4.3	II		T3
3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	4.3	II	4.2	T3
3372	ORGANOMETALLIC COMPOUND, SOLID, WATER-REACTIVE, FLAMMABLE, N.O.S.	4.3	II	4.1	T3
1393	ALKALINE EARTH METAL ALLOY, N.O.S.	4.3	II		T3

UN#	Name	Class	PG	Sub-Risk	TI
1405	CALCIUM SILICIDE	4.3	II		T3
2624	MAGNESIUM SILICIDE	4.3	II		T3
2830	LITHIUM FERROSILICON	4.3	II		T3
2835	SODIUM ALUMINIUM HYDRIDE	4.3	II		T3
3170	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS	4.3	II		T3
3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	4.3	II		T3
3132	WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.	4.3	II	4.1	T3
3078	CERIUM, turnings or gritty powder	4.3	II		T3
1394	ALUMINIUM CARBIDE	4.3	II		T3
2805	LITHIUM HYDRIDE, FUSED SOLID	4.3	II		T3
1396	ALUMINIUM POWDER, UNCOATED	4.3	II		T3
1390	ALKALI METAL AMIDES	4.3	II		T3
1402	CALCIUM CARBIDE	4.3	II		T3
1409	METAL HYDRIDES, WATER-REACTIVE, N.O.S.	4.3	II		T3
1417	LITHIUM SILICON	4.3	II		T3
1436	ZINC POWDER or ZINC DUST	4.3	II	4.2	T3
1340	PHOSPHORUS PENTASULPHIDE, free from yellow and white phosphorus	4.3	II	4.1	T3
1405	CALCIUM SILICIDE	4.3	III		T1
2813	WATER-REACTIVE SOLID, N.O.S.	4.3	III		T1
2950	MAGNESIUM GRANULES, COATED, particle size not less than 149 microns	4.3	III		T1
2968	MANEB, STABILIZED or MANEB PREPARATION, STABILIZED against self-heating	4.3	III		T1
2844	CALCIUM MANGANESE SILICON	4.3	III		T1
3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	4.3	III		T1
3372	ORGANOMETALLIC COMPOUND, SOLID, WATER-REACTIVE, FLAMMABLE, N.O.S.	4.3	III	4.1	T1
3170	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS	4.3	III		T1
1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER	4.3	III	4.2	T1
1435	ZINC ASHES	4.3	III		T1
3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	4.3	III	8	T1
1396	ALUMINIUM POWDER, UNCOATED	4.3	III		T1
1398	ALUMINIUM SILICON POWDER, UNCOATED	4.3	III		T1
3132	WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.	4.3	III	4.1	T1

UN#	Name	Class	PG	Sub-Risk	TI
3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	4.3	III	4.2	T1
3135	WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.	4.3	III	4.2	T1
3133	WATER-REACTIVE SOLID, OXIDIZING, N.O.S.	4.3	III	5.1	T1
1408	FERROSILICON with 30% or more but less than 90% silicon	4.3	III	6.1	T1
3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.	4.3	III	6.1	T1
1403	CALCIUM CYANAMIDE with more than 0.1% calcium carbide	4.3	III		T1
1436	ZINC POWDER or ZINC DUST	4.3	III	4.2	T1
3085	OXIDIZING SOLID, CORROSIVE, N.O.S.	5.1	I	8	T6
3100	OXIDIZING SOLID, SELF-HEATING, N.O.S.	5.1	I	4.2	T6
3137	OXIDIZING SOLID, FLAMMABLE, N.O.S.	5.1	I	4.1	T6
2466	POTASSIUM SUPEROXIDE	5.1	I		T6
1479	OXIDIZING SOLID, N.O.S.	5.1	I		T6
2547	SODIUM SUPEROXIDE	5.1	I		T6
2072	AMMONIUM NITRATE FERTILIZER, N.O.S.	5.1	I		T6
1491	POTASSIUM PEROXIDE	5.1	I		T6
3087	OXIDIZING SOLID, TOXIC, N.O.S.	5.1	I	6.1	T6
1504	SODIUM PEROXIDE	5.1	I		T6
3121	OXIDIZING SOLID, WATER-REACTIVE, N.O.S.	5.1	I	4.3	T6
1475	MAGNESIUM PERCHLORATE	5.1	II		T3
1458	CHLORATE AND BORATE MIXTURE	5.1	II		T3
1496	SODIUM CHLORITE	5.1	II		T3
1495	SODIUM CHLORATE	5.1	II		T3
1494	SODIUM BROMATE	5.1	II		T3
1473	MAGNESIUM BROMATE	5.1	II		T3
1472	LITHIUM PEROXIDE	5.1	II		T3
1471	LITHIUM HYPOCHLORITE, DRY or LITHIUM HYPOCHLORITE MIXTURE	5.1	II		T3
2468	TRICHLOROISOCYANURIC ACID, DRY	5.1	II		T3
2465	DICHLOROISOCYANURIC ACID, DRY or DICHLOROISOCYANURIC ACID SALTS	5.1	II		T3
1439	AMMONIUM DICHROMATE	5.1	II		T3
1462	CHLORITES, INORGANIC, N.O.S.	5.1	II		T3
1463	CHROMIUM TRIOXIDE, ANHYDROUS	5.1	II	8	T3

UN#	Name	Class	PG	Sub-Risk	TI
1483	PEROXIDES, INORGANIC, N.O.S.	5.1	II		T3
1509	STRONTIUM PEROXIDE	5.1	II		T3
1450	BROMATES, INORGANIC, N.O.S.	5.1	II		T3
1461	CHLORATES, INORGANIC, N.O.S.	5.1	II		T3
1457	CALCIUM PEROXIDE	5.1	II		T3
1484	POTASSIUM BROMATE	5.1	II		T3
1485	POTASSIUM CHLORATE	5.1	II		T3
3212	HYPOCHLORITES, INORGANIC, N.O.S.	5.1	II		T3
3247	SODIUM PEROXOBORATE, ANHYDROUS	5.1	II		T3
1490	POTASSIUM PERMANGANATE	5.1	II		T3
1489	POTASSIUM PERCHLORATE	5.1	II		T3
1488	POTASSIUM NITRITE	5.1	II		T3
1493	SILVER NITRATE	5.1	II		T3
1512	ZINC AMMONIUM NITRITE	5.1	II		T3
3085	OXIDIZING SOLID, CORROSIVE, N.O.S.	5.1	II	8	T3
1449	BARIUM PEROXIDE	5.1	II	6.1	T3
1469	LEAD NITRATE	5.1	II	6.1	T3
2573	THALLIUM CHLORATE	5.1	II	6.1	T3
3087	OXIDIZING SOLID, TOXIC, N.O.S.	5.1	II	6.1	T3
2741	BARIUM HYPOCHLORITE with more than 22% available chlorine	5.1	II	6.1	T3
2719	BARIUM BROMATE	5.1	II	6.1	T3
1446	BARIUM NITRATE	5.1	II	6.1	T3
1448	BARIUM PERMANGANATE	5.1	II	6.1	T3
2464	BERYLLIUM NITRATE	5.1	II	6.1	T3
1515	ZINC PERMANGANATE	5.1	II		T3
3100	OXIDIZING SOLID, SELF-HEATING, N.O.S.	5.1	II	4.2	T3
1482	PERMANGANATES, INORGANIC, N.O.S.	5.1	II		T3
1502	SODIUM PERCHLORATE	5.1	II		T3
1503	SODIUM PERMANGANATE	5.1	II		T3
2721	COPPER CHLORATE	5.1	II		T3
2723	MAGNESIUM CHLORATE	5.1	II		T3

UN#	Name	Class	PG	Sub-Risk	TI
1514	ZINC NITRATE	5.1	II		T3
2880	CALCIUM HYPOCHLORITE, HYDRATED, or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE with not less than 5.5% but not more than 10% water	5.1	II		T3
1516	ZINC PEROXIDE	5.1	II		T3
1513	ZINC CHLORATE	5.1	II		T3
1506	STRONTIUM CHLORATE	5.1	II		T3
1508	STRONTIUM PERCHLORATE	5.1	II		T3
1453	CALCIUM CHLORITE	5.1	II		T3
3121	OXIDIZING SOLID, WATER-REACTIVE, N.O.S.	5.1	II	4.3	T3
1481	PERCHLORATES, INORGANIC, N.O.S.	5.1	II		T3
1487	POTASSIUM NITRATE AND SODIUM NITRITE MIXTURE	5.1	II		T3
1452	CALCIUM CHLORATE	5.1	II		T3
1476	MAGNESIUM PEROXIDE	5.1	II		T3
1748	CALCIUM HYPOCHLORITE, DRY or CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	5.1	II		T3
1456	CALCIUM PERMANGANATE	5.1	II		T3
1479	OXIDIZING SOLID, N.O.S.	5.1	II		T3
2626	CHLORIC ACID, AQUEOUS SOLUTION with not more than 10% chloric acid	5.1	II		T3
2627	NITRITES, INORGANIC, N.O.S.	5.1	II		T3
1477	NITRATES, INORGANIC, N.O.S.	5.1	II		T3
2072	AMMONIUM NITRATE FERTILIZER, N.O.S.	5.1	II		T3
1455	CALCIUM PERCHLORATE	5.1	II		T3
1442	AMMONIUM PERCHLORATE	5.1	II		T3
1483	PEROXIDES, INORGANIC, N.O.S.	5.1	III		T1
1466	FERRIC NITRATE	5.1	III		T1
1492	POTASSIUM PERSULPHATE	5.1	III		T1
1458	CHLORATE AND BORATE MIXTURE	5.1	III		T1
2208	CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 10% but not more than 39% available chlorine	5.1	III		T1
1444	AMMONIUM PERSULPHATE	5.1	III		T1
2072	AMMONIUM NITRATE FERTILIZER, N.O.S.	5.1	III		T1
1465	DIDYMIUM NITRATE	5.1	III		T1

UN#	Name	Class	PG	Sub-Risk	TI
1438	ALUMINIUM NITRATE	5.1	III		T1
	AMMONIUM NITRATE FERTILIZERS: uniform non-segregating mixtures of nitrogen/phosphate or nitrogen/ potash types or complete fertilizers of nitrogen/phosphate/ potash type, with more than 70% but less than 90% ammonium nitrate and not more than 0.4% total c				
2070		5.1	III		T1
1505	SODIUM PERSULPHATE	5.1	III		T1
	AMMONIUM NITRATE FERTILIZERS: uniform non-segregating mixtures of ammonium nitrate/ammonium sulphate, with more than 45% but not more than 70% ammonium nitrate and not more than 0.4% total combustible material				
2069		5.1	III		T1
	AMMONIUM NITRATE FERTILIZERS: uniform non-segregating mixtures of ammonium nitrate with calcium carbonate and/or dolomite, with more than 80% but less than 90% ammonium nitrate and not more than 0.4% total combustible material				
2068		5.1	III		T1
2469	ZINC BROMATE	5.1	III		T1
2726	NICKEL NITRITE	5.1	III		T1
1451	CAESIUM NITRATE	5.1	III		T1
1474	MAGNESIUM NITRATE	5.1	III		T1
1499	SODIUM NITRATE AND POTASSIUM NITRATE MIXTURE	5.1	III		T1
	AMMONIUM NITRATE FERTILIZERS: uniform non-segregating mixtures of ammonium nitrate with added matter which is inorganic and chemically inert towards ammonium nitrate, with not less than 90% ammonium nitrate and not more than 0.2% combustible material (inc				
2067		5.1	III		T1
2720	CHROMIUM NITRATE	5.1	III		T1
1507	STRONTIUM NITRATE	5.1	III		T1
1511	UREA HYDROGEN PEROXIDE	5.1	III	8	T1
3085	OXIDIZING SOLID, CORROSIVE, N.O.S.	5.1	III	8	T1
3087	OXIDIZING SOLID, TOXIC, N.O.S.	5.1	III	6.1	T1
1500	SODIUM NITRITE	5.1	III	6.1	T1
3215	PERSULPHATES, INORGANIC, N.O.S.	5.1	III		T1
1481	PERCHLORATES, INORGANIC, N.O.S	5.1	III		T1
	AMMONIUM NITRATE with not more than 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance				
1942		5.1	III		T1
2722	LITHIUM NITRATE	5.1	III		T1
1486	POTASSIUM NITRATE	5.1	III		T1

UN#	Name	Class	PG	Sub-Risk	TI
2724	MANGANESE NITRATE	5.1	III		T1
2725	NICKEL NITRATE	5.1	III		T1
1498	SODIUM NITRATE	5.1	III		T1
1872	LEAD DIOXIDE	5.1	III		T1
2728	ZIRCONIUM NITRATE	5.1	III		T1
1479	OXIDIZING SOLID, N.O.S.	5.1	III		T1
1454	CALCIUM NITRATE	5.1	III		T1
1477	NITRATES, INORGANIC, N.O.S.	5.1	III		T1
1482	PERMANGANATES, INORGANIC, N.O.S.	5.1	III		T1
1467	GUANIDINE NITRATE	5.1	III		T1
2763	TRIAZINE PESTICIDE, SOLID, TOXIC	6.1	I		T6
1601	DISINFECTANT, SOLID, TOXIC, N.O.S.	6.1	I		T6
1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1	I		T6
1575	CALCIUM CYANIDE	6.1	I		T6
2642	FLUOROACETIC ACID	6.1	I		T6
2630	SELENATES or SELENITES	6.1	I		T6
2629	SODIUM FLUOROACETATE	6.1	I		T6
2628	POTASSIUM FLUOROACETATE	6.1	I		T6
1698	DIPHENYLAMINE CHLOROARSINE	6.1	I		T6
1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.	6.1	I		T6
3143	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	6.1	I		T6
1570	BRUCINE	6.1	I		T6
2757	CARBAMATE PESTICIDE, SOLID, TOXIC	6.1	I		T6
1614	HYDROGEN CYANIDE, STABILIZED, containing less than 3% water and absorbed in a porous inert material	6.1	I		T6
2771	THIOCARBAMATE PESTICIDE, SOLID, TOXIC	6.1	I		T6
1565	BARIUM CYANIDE	6.1	I		T6
2775	COPPER BASED PESTICIDE, SOLID, TOXIC	6.1	I		T6
2249	DICHLORODIMETHYL ETHER, SYMMETRICAL	6.1	I		T6
2759	ARSENICAL PESTICIDE, SOLID, TOXIC	6.1	I		T6
2025	MERCURY COMPOUND, SOLID, N.O.S.	6.1	I		T6

UN#	Name	Class	PG	Sub-Risk	TI
3048	ALUMINIUM PHOSPHIDE PESTICIDE	6.1	I		T6
2026	PHENYLMERCURIC COMPOUND, N.O.S.	6.1	I		T6
3349	PYRETHROID PESTICIDE, SOLID, TOXIC	6.1	I		T6
3288	TOXIC SOLID, INORGANIC, N.O.S.	6.1	I		T6
3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	I		T6
2588	PESTICIDE, SOLID, TOXIC, N.O.S.	6.1	I		T6
2811	TOXIC SOLID, ORGANIC, N.O.S.	6.1	I		T6
1889	CYANOGEN BROMIDE	6.1	I	8	T6
1699	DIPHENYLCHLOROARSINE, SOLID	6.1	I		T6
2570	CADMIIUM COMPOUND	6.1	I		T6
2928	TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.	6.1	I	8	T6
3290	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.	6.1	I	8	T6
3086	TOXIC SOLID, OXIDIZING, N.O.S.	6.1	I	5.1	T6
3125	TOXIC SOLID, WATER-REACTIVE, N.O.S.	6.1	I	4.3	T6
2930	TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.	6.1	I	4.1	T6
2777	MERCURY BASED PESTICIDE, SOLID, TOXIC	6.1	I		T6
1693	TEAR GAS SUBSTANCE, SOLID, N.O.S.	6.1	I		T6
1692	STRYCHNINE or STRYCHNINE SALTS	6.1	I		T6
2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	6.1	I		T6
1544	ALKALOIDS, SOLID, N.O.S. or ALKALOID SALTS, SOLID, N.O.S.	6.1	I		T6
2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	6.1	I		T6
2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC	6.1	I		T6
3124	TOXIC SOLID, SELF-HEATING, N.O.S.	6.1	I	4.2	T6
2471	OSMIUM TETROXIDE	6.1	I		T6
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	6.1	I		T6
1713	ZINC CYANIDE	6.1	I		T6
1626	MERCURIC POTASSIUM CYANIDE	6.1	I		T6
3146	ORGANOTIN COMPOUND, SOLID, N.O.S.	6.1	I		T6
1588	CYANIDES, INORGANIC, SOLID, N.O.S.	6.1	I		T6
2786	ORGANOTIN PESTICIDE, SOLID, TOXIC	6.1	I		T6
2316	SODIUM CUPPROCYANIDE, SOLID	6.1	I		T6

UN#	Name	Class	PG	Sub-Risk	TI
2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	6.1	I		T6
1557	ARSENIC COMPOUND, SOLID, N.O.S., Inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1	I		T6
2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	6.1	II		T3
2567	SODIUM PENTACHLOROPHENATE	6.1	II		T3
2811	TOXIC SOLID, ORGANIC, N.O.S.	6.1	II		T3
2757	CARBAMATE PESTICIDE, SOLID, TOXIC	6.1	II		T3
1678	POTASSIUM ARSENITE	6.1	II		T3
2786	ORGANOTIN PESTICIDE, SOLID, TOXIC	6.1	II		T3
2671	AMINOPYRIDINES (o-, m-, p,)	6.1	II		T3
2775	COPPER BASED PESTICIDE, SOLID, TOXIC	6.1	II		T3
2763	TRIAZINE PESTICIDE, SOLID, TOXIC	6.1	II		T3
2657	SELENIUM DISULPHIDE	6.1	II		T3
2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	6.1	II		T3
2771	THIOCARBAMATE PESTICIDE, SOLID, TOXIC	6.1	II		T3
2777	MERCURY BASED PESTICIDE, SOLID, TOXIC	6.1	II		T3
1636	MERCURY CYANIDE	6.1	II		T3
2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	6.1	II		T3
2863	SODIUM AMMONIUM VANADATE	6.1	II		T3
3086	TOXIC SOLID, OXIDIZING, N.O.S.	6.1	II	5.1	T3
2859	AMMONIUM METAVANADATE	6.1	II		T3
1651	NAPHTHYLTHIOUREA	6.1	II		T3
2673	2-AMINO-4-CHLOROPHENOL	6.1	II		T3
2931	VANADYL SULPHATE	6.1	II		T3
2759	ARSENICAL PESTICIDE, SOLID, TOXIC	6.1	II		T3
3143	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	6.1	II		T3
2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC	6.1	II		T3
3146	ORGANOTIN COMPOUND, SOLID, N.O.S.	6.1	II		T3
2587	BENZOQUINONE	6.1	II		T3
2588	PESTICIDE, SOLID, TOXIC, N.O.S.	6.1	II		T3
2645	PHENACYL BROMIDE	6.1	II		T3

UN#	Name	Class	PG	Sub-Risk	TI
2647	MALONONITRILE	6.1	II		T3
2861	AMMONIUM POLYVANADATE	6.1	II		T3
2649	1,3-DICHLOROACETONE	6.1	II		T3
2570	CADMIUM COMPOUND	6.1	II		T3
1617	LEAD ARSENATES	6.1	II		T3
1684	SILVER CYANIDE	6.1	II		T3
2027	SODIUM ARSENITE, SOLID	6.1	II		T3
3249	MEDICINE, SOLID, TOXIC, N.O.S.	6.1	II		T3
1679	POTASSIUM CUPROCYANIDE	6.1	II		T3
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	6.1	II		T3
3124	TOXIC SOLID, SELF-HEATING, N.O.S.	6.1	II	4.2	T3
2930	TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S	6.1	II	4.1	T3
2025	MERCURY COMPOUND, SOLID, N.O.S.	6.1	II		T3
3125	TOXIC SOLID, WATER-REACTIVE, N.O.S.	6.1	II	4.3	T3
1895	PHENYLMERCURIC NITRATE	6.1	II		T3
2727	THALLIUM NITRATE	6.1	II	5.1	T3
1751	CHLOROACETIC ACID, SOLID	6.1	II	8	T3
2928	TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.	6.1	II	8	T3
3290	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.	6.1	II	8	T3
1567	BERYLLIUM POWDER	6.1	II	4.1	T3
1885	BENZIDINE	6.1	II		T3
1704	TETRAETHYL DITHIOPYROPHOSPHATE	6.1	II		T3
1691	STRONTIUM ARSENITE	6.1	II		T3
1707	THALLIUM COMPOUND, N.O.S.	6.1	II		T3
1712	ZINC ARSENATE, ZINC ARSENITE or ZINC ARSENATE AND ZINC ARSENITE MIXTURE	6.1	II		T3
2864	POTASSIUM METAVANADATE	6.1	II		T3
1688	SODIUM CACODYLATE	6.1	II		T3
2026	PHENYLMERCURIC COMPOUND, N.O.S.	6.1	II		T3
1685	SODIUM ARSENATE	6.1	II		T3
3288	TOXIC SOLID, INORGANIC, N.O.S.	6.1	II		T3
1894	PHENYLMERCURIC HYDROXIDE	6.1	II		T3

UN#	Name	Class	PG	Sub-Risk	TI
1639	MERCURY NUCLEATE	6.1	II		T3
1693	TEAR GAS SUBSTANCE, SOLID, N.O.S.	6.1	II		T3
1683	SILVER ARSENITE	6.1	II		T3
3155	PENTACHLOROPHENOL	6.1	II		T3
3349	PYRETHROID PESTICIDE, SOLID, TOXIC	6.1	II		T3
1687	SODIUM AZIDE	6.1	II		T3
1665	NITROXYLENES, SOLID	6.1	II		T3
1586	COPPER ARSENITE	6.1	II		T3
1587	COPPER CYANIDE	6.1	II		T3
1588	CYANIDES, INORGANIC, SOLID, N.O.S.	6.1	II		T3
1590	DICHLOROANILINES, SOLID	6.1	II		T3
1597	DINITROBENZENES, SOLID	6.1	II		T3
1601	DISINFECTANT, SOLID, TOXIC, N.O.S.	6.1	II		T3
1606	FERRIC ARSENATE	6.1	II		T3
1564	BARIUM COMPOUND, N.O.S.	6.1	II		T3
1653	NICKEL CYANIDE	6.1	II		T3
1674	PHENYLMERCURIC ACETATE	6.1	II		T3
1658	NICOTINE SULPHATE, SOLID	6.1	II		T3
1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.	6.1	II		T3
1585	COPPER ACETOARSENITE	6.1	II		T3
1656	NICOTINE HYDROCHLORIDE, solid	6.1	II		T3
1657	NICOTINE SALICYLATE	6.1	II		T3
1652	NAPHTHYLUREA	6.1	II		T3
1638	MERCURY IODIDE	6.1	II		T3
1637	MERCURY GLUCONATE	6.1	II		T3
1607	FERRIC ARSENITE	6.1	II		T3
1634	MERCURY BROMIDES	6.1	II		T3
1608	FERROUS ARSENATE	6.1	II		T3
1630	MERCURY AMMONIUM CHLORIDE	6.1	II		T3
1629	MERCURY ACETATE	6.1	II		T3
1627	MERCUROUS NITRATE	6.1	II		T3

UN#	Name	Class	PG	Sub-Risk	TI
1625	MERCURIC NITRATE	6.1	II		T3
3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	II		T3
1620	LEAD CYANIDE	6.1	II		T3
1664	NITROTOLUENES, SOLID	6.1	II		T3
1642	MERCURY OXYCYANIDE, DESENSITIZED	6.1	II		T3
1572	CACODYLIC ACID	6.1	II		T3
1631	MERCURY BENZOATE	6.1	II		T3
1646	MERCURY THIOCYANATE	6.1	II		T3
1645	MERCURY SULPHATE	6.1	II		T3
1644	MERCURY SALICYLATE	6.1	II		T3
1677	POTASSIUM ARSENATE	6.1	II		T3
1643	MERCURY POTASSIUM IODIDE	6.1	II		T3
1624	MERCURIC CHLORIDE	6.1	II		T3
1641	MERCURY OXIDE	6.1	II		T3
1574	CALCIUM ARSENATE AND CALCIUM ARSENITE MIXTURE, SOLID	6.1	II		T3
1623	MERCURIC ARSENATE	6.1	II		T3
1659	NICOTINE TARTRATE	6.1	II		T3
1622	MAGNESIUM ARSENATE	6.1	II		T3
1621	LONDON PURPLE	6.1	II		T3
1640	MERCURY OLEATE	6.1	II		T3
1611	HEXAETHYL TETRAPHOSPHATE	6.1	II		T3
1544	ALKALOIDS, SOLID, N.O.S. or ALKALOID SALTS, SOLID, N.O.S.	6.1	II		T3
1573	CALCIUM ARSENATE	6.1	II		T3
1618	LEAD ARSENITES	6.1	II		T3
1566	BERYLLIUM COMPOUND, N.O.S.	6.1	II		T3
1562	ARSENICAL DUST	6.1	II		T3
1561	ARSENIC TRIOXIDE	6.1	II		T3
1559	ARSENIC PENTOXIDE	6.1	II		T3
1557	ARSENIC COMPOUND, SOLID, N.O.S., inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1	II		T3
1555	ARSENIC BROMIDE	6.1	II		T3

UN#	Name	Class	PG	Sub-Risk	TI
1554	ARSENIC ACID, SOLID	6.1	II		T3
1558	ARSENIC	6.1	II		T3
1546	AMMONIUM ARSENATE	6.1	II		T3
3143	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	6.1	III		T1
2862	VANADIUM PENTOXIDE, non-fused form	6.1	III		T1
3249	MEDICINE, SOLID, TOXIC, N.O.S.	6.1	III		T1
2871	ANTIMONY POWDER	6.1	III		T1
2875	HEXACHLOROPHENE	6.1	III		T1
2876	RESORCINOL	6.1	III		T1
2853	MAGNESIUM FLUOROSILICATE	6.1	III		T1
2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	6.1	III		T1
3288	TOXIC SOLID, INORGANIC, N.O.S.	6.1	III		T1
2291	LEAD COMPOUND, SOLUBLE, N.O.S.	6.1	III		T1
1549	ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S.	6.1	III		T1
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	6.1	III		T1
2856	FLUOROSILICATES, N.O.S.	6.1	III		T1
2855	ZINC FLUOROSILICATE	6.1	III		T1
3146	ORGANOTIN COMPOUND, SOLID, N.O.S.	6.1	III		T1
3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	III		T1
2811	TOXIC SOLID, ORGANIC, N.O.S.	6.1	III		T1
2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC	6.1	III		T1
1550	ANTIMONY LACTATE	6.1	III		T1
2854	AMMONIUM FLUOROSILICATE	6.1	III		T1
1548	ANILINE HYDROCHLORIDE	6.1	III		T1
1551	ANTIMONY POTASSIUM TARTRATE	6.1	III		T1
1544	ALKALOIDS, SOLID, N.O.S. or ALKALOID SALTS, SOLID, N.O.S.	6.1	III		T1
2570	CADMIUM COMPOUND	6.1	III		T1
2786	ORGANOTIN PESTICIDE, SOLID, TOXIC	6.1	III		T1
2716	1,4-BUTYNEDIOL	6.1	III		T1
2771	THIOCARBAMATE PESTICIDE, SOLID, TOXIC	6.1	III		T1
2763	TRIAZINE PESTICIDE, SOLID, TOXIC	6.1	III		T1

UN#	Name	Class	PG	Sub-Risk	T1
2516	CARBON TETRABROMIDE	6.1	III		T1
1566	BERYLLIUM COMPOUND, N.O.S.	6.1	III		T1
1601	DISINFECTANT, SOLID, TOXIC, N.O.S.	6.1	III		T1
2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	6.1	III		T1
2777	MERCURY BASED PESTICIDE, SOLID, TOXIC	6.1	III		T1
1579	4-CHLORO-o-TOLUIDINE HYDROCHLORIDE	6.1	III		T1
2775	COPPER BASED PESTICIDE, SOLID, TOXIC	6.1	III		T1
2713	ACRIDINE	6.1	III		T1
2674	SODIUM FLUOROSILICATE	6.1	III		T1
2660	NITROTOLUIDINES (MONO)	6.1	III		T1
1588	CYANIDES, INORGANIC, SOLID, N.O.S.	6.1	III		T1
2659	SODIUM CHLOROACETATE	6.1	III		T1
2655	POTASSIUM FLUOROSILICATE	6.1	III		T1
2759	ARSENICAL PESTICIDE, SOLID, TOXIC	6.1	III		T1
2757	CARBAMATE PESTICIDE, SOLID, TOXIC	6.1	III		T1
2233	CHLOROANISIDINES	6.1	III		T1
2512	AMINOPHENOLS (o-, m-, p-)	6.1	III		T1
2505	AMMONIUM FLUORIDE	6.1	III		T1
2473	SODIUM ARSANILATE	6.1	III		T1
2446	NITROCRESOLS	6.1	III		T1
2588	PESTICIDE, SOLID, TOXIC, N.O.S.	6.1	III		T1
3349	PYRETHROID PESTICIDE, SOLID, TOXIC	6.1	III		T1
1564	BARIUM COMPOUND, N.O.S.	6.1	III		T1
2237	CHLORONITROANILINES	6.1	III		T1
1557	ARSENIC COMPOUND, SOLID, N.O.S., inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1	III		T1
2026	PHENYLMERCURIC COMPOUND, N.O.S.	6.1	III		T1
2025	MERCURY COMPOUND, SOLID, N.O.S.	6.1	III		T1
2020	CHLOROPHENOLS, SOLID	6.1	III		T1
1884	BARIUM OXIDE	6.1	III		T1
1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.	6.1	III		T1

UN#	Name	Class	PG	Sub-Risk	TI
2433	CHLORONITROTOLUENES, SOLID	6.1	III		T1
2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	6.1	III		T1
1616	LEAD ACETATE	6.1	III		T1
3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	8	I		T6
1759	CORROSIVE SOLID, N.O.S.	8	I		T6
3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	8	I		T6
3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	8	I		T6
3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	8	I		T6
3084	CORROSIVE SOLID, OXIDIZING, N.O.S.	8	I	5.1	T6
3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.	8	I		T6
2923	CORROSIVE SOLID, TOXIC, N.O.S.	8	I	6.1	T6
1905	SELENIC ACID	8	I		T6
3096	CORROSIVE SOLID, WATER-REACTIVE, N.O.S.	8	I	4.3	T6
2921	CORROSIVE SOLID, FLAMMABLE, N.O.S.	8	I	4.1	T6
3095	CORROSIVE SOLID, SELF-HEATING, N.O.S.	8	I	4.2	T6
3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	8	I		T6
3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	8	II		T3
2680	LITHIUM HYDROXIDE MONOHYDRATE	8	II		T3
2682	CAESIUM HYDROXIDE	8	II		T3
2691	PHOSPHORUS PENTABROMIDE	8	II		T3
3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	8	II		T3
2869	TITANIUM TRICHLORIDE MIXTURE	8	II		T3
2583	ALKYLSULPHONIC ACIDS, SOLID or ARYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid	8	II		T3
2678	RUBIDIUM HYDROXIDE	8	II		T3
3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	8	II		T3
1756	CHROMIC FLUORIDE, SOLID	8	II		T3
3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	8	II		T3
3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	8	II		T3
1839	TRICHLOROACETIC ACID	8	II		T3
1740	HYDROGENDIFLUORIDES, N.O.S.	8	II		T3

UN#	Name	Class	PG	Sub-Risk	TI
2033	POTASSIUM MONOXIDE	8	II		T3
1794	LEAD SULPHATE with more than 3% free acid	8	II		T3
1847	POTASSIUM SULPHIDE, HYDRATED with not less than 30% water of crystallization	8	II		T3
3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.	8	II		T3
1770	DIPHENYLMETHYL BROMIDE	8	II		T3
2923	CORROSIVE SOLID, TOXIC, N.O.S.	8	II	6.1	T3
3084	CORROSIVE SOLID, OXIDIZING, N.O.S.	8	II	5.1	T3
3096	CORROSIVE SOLID, WATER-REACTIVE, N.O.S.	8	II	4.3	T3
3095	CORROSIVE SOLID, SELF-HEATING, N.O.S.	8	II	4.2	T3
2921	CORROSIVE SOLID, FLAMMABLE, N.O.S.	8	II	4.1	T3
1806	PHOSPHORUS PENTACHLORIDE	8	II		T3
1725	ALUMINIUM BROMIDE, ANHYDROUS	8	II		T3
2670	CYANURIC CHLORIDE	8	II		T3
2506	AMMONIUM HYDROGEN SULPHATE	8	II		T3
1825	SODIUM MONOXIDE	8	II		T3
1759	CORROSIVE SOLID, N.O.S.	8	II		T3
2509	POTASSIUM HYDROGEN SULPHATE	8	II		T3
1813	POTASSIUM HYDROXIDE, SOLID	8	II		T3
1823	SODIUM HYDROXIDE, SOLID	8	II		T3
1727	AMMONIUM HYDROGENDIFLUORIDE, SOLID	8	II		T3
1726	ALUMINIUM CHLORIDE, ANHYDROUS	8	II		T3
1807	PHOSPHORUS PENTOXIDE	8	II		T3
2508	MOLYBDENUM PENTACHLORIDE	8	III		T1
3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	8	III		T1
1805	PHOSPHORIC ACID, SOLID	8	III		T1
3253	DISODIUM TRIOXOSILICATE	8	III		T1
1773	FERRIC CHLORIDE, ANHYDROUS	8	III		T1
1759	CORROSIVE SOLID, N.O.S.	8	III		T1
1740	HYDROGENDIFLUORIDES, N.O.S.	8	III		T1
3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	8	III		T1
2869	TITANIUM TRICHLORIDE MIXTURE	8	III		T1

UN#	Name	Class	PG	Sub-Risk	TI
1907	SODA LIME with more than 4% sodium hydroxide	8	III		T1
3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.	8	III		T1
2923	CORROSIVE SOLID, TOXIC, N.O.S.	8	III	6.1	T1
3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	8	III		T1
2578	PHOSPHORUS TRIOXIDE	8	III		T1
2905	CHLOROPHENOLATES, SOLID or PHENOLATES, SOLID	8	III		T1
3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	8	III		T1
2585	ALKYLSULPHONIC ACIDS, SOLID or ARYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid	8	III		T1
3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	8	III		T1
2865	HYDROXYLAMINE SULPHATE	8	III		T1
2802	COPPER CHLORIDE	8	III		T1
2507	CHLOROPLATINIC ACID, SOLID	8	III		T1
2503	ZIRCONIUM TETRACHLORIDE	8	III		T1
2475	VANADIUM TRICHLORIDE	8	III		T1
2331	ZINC CHLORIDE, ANHYDROUS	8	III		T1
1910	CALCIUM OXIDE	8	III		T1
2698	TETRAHYDROPTHALIC ANHYDRIDES with more than 0.05% of maleic anhydride	8	III		T1
2967	SULPHAMIC ACID	8	III		T1
2812	SODIUM ALUMINATE, SOLID	8	III		T1
2809	MERCURY	8	III		T1
2803	GALLIUM	8	III		T1
2440	STANNIC CHLORIDE PENTAHYDRATE	8	III		T1
3335	AVIATION REGULATED SOLID, N.O.S.	9			T1
2969	CASTOR BEANS or CASTOR MEAL or CASTOR POMACE or CASTOR FLAKE	9	II		T3
2212	BLUE ASBESTOS (crocidolite) or BROWN ASBESTOS (amosite, myosrite)	9	II		T3
3152	POLYHALOGENATED BIPHENYLS, SOLID or POLYHALOGENATED TERPHENYLS, SOLID	9	II		T3
3258	ELEVATED TEMPERATURE SOLID, N.O.S., at or above 240 °C	9	III		T1
2590	WHITE ASBESTOS (chrysotile, actinolite, anthophyllite, tremolite)	9	III		T1
2216	FISH MEAL (FISH SCRAP), STABILIZED	9	III		T1

UN#	Name	Class	PG	Sub-Risk	TI
2071	AMMONIUM NITRATE FERTILIZERS: uniform non-segregating mixtures of nitrogen/phosphate or nitrogen/ potash types or complete fertilizers of nitrogen/phosphate/ potash type, with not more 70% ammonium nitrate and not more than 0.4% total added combustible material	9	III		T1
1931	ZINC DITHIONITE (ZINC HYDROSULPHITE)	9	III		T1
1841	ACETALDEHYDE AMMONIA	9	III		T1
3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE; SOLID, N.O.S.	9	III		T1

**Annex 3
Proposed T-Codes for Solids Currently Assigned T-Codes in the Dangerous Goods List**

UN#	Name	Class	PG	Sub-Risk	EXISTING		PROPOSED
					TI	TP	TI
1422	POTASSIUM SODIUM ALLOYS	4.3	I		T9	TP3 TP7	T6
1428	SODIUM	4.3	I		T9	TP3 TP7	T6
2257	POTASSIUM	4.3	I		T9	TP3 TP7	T6
1445	BARIUM CHLORATE	5.1	II	6.1	T4	TP1	T3
1447	BARIUM PERCHLORATE	5.1	II	6.1	T4	TP1	T3
1470	LEAD PERCHLORATE	5.1	II	6.1	T4	TP1	T3
1811	POTASSIUM HYDROGENDIFLUORIDE	8	II	6.1	T7	TP2	T3
2076	CRESOLS, SOLID	6.1	II	8	T7	TP2	T3
	PYROPHORIC ORGANOMETALLIC COMPOUND, WATER-REACTIVE, N.O.S.,					TP2 TP7	
3203	solid	4.2	I	4.3	T21	TP9	T21