



# SML DG Prohibited/Restricted Cargo List (2017.12.01)

X: Prohibited / R : Restricted

Class	UN No.	Proper Shipping Name	SML
1.1	ALL	Substances and articles with mass explosion hazard	X
1.2	ALL	Projection Hazard but not mass explosion hazard	X
1.3	ALL	Fire hazard and other hazard but not mass explosion hazard	X
1.4	ALL	Substances and articles with no significant hazard - Acceptable SML booking only on SML operation vessel - Origin from China is prohibited	R
1.5	ALL	Very insensitive substance with mass explosion hazard	X
1.6	ALL	Extremely insensitive articles but not mass explosion hazard	X
2.1	ALL	Gases having flammable nature in Reefer CNTR	X
	1057	LIGHTERS or LIGHTER REFILLS containing flammable gas	X
2.2	2455	METHYL NITRITE	X
2.3	2186	HYDROGEN CHLORIDE,REFRIGERATED LIQUID	X
3	1194	ETHYL NITRITE SOLUTION	R1
	3064	NITROGLYCERIN SOLUTION IN ALCOHOL with more than 1% but not more than 5%	R1
	3256	ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. with flashpoint above 60°C, at or above its flashpoint - Certificate from Competent Authority (P099) for normal packing - see R2 (for tank container)	R
	3343	NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S. with not more than 30% nitroglycerin,by mass - Certificate from Competent Authority and UN Manual test report (SP278) - see R1	R
	3357	NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, N.O.S with not more than 30% nitroglycerin, by mass - Certificate from Competent Authority and UN Manual test report (SP278) - see R1	R
	3379	DESENSITIZED EXPLOSIVE, LIQUID, N.O.S. - Certificate from Competent Authority and UN Manual test report (SP311, P099) - see R1	R
	1310	AMMONIUM PICRATE, WETTED with not less than 10% water, by mass	R1
	1320	DINITROPHENOL, WETTED with not less than 15% water, by mass	R1
	1321	DINITROPHENOLATES, WETTED with not less than 15% water, by mass	R1
	1322	DINITRORESORCINOL, WETTED with not less than 15% water, by mass	R1
	1336	NITROGUANIDINE (PICRITE), WETTED with not less than 20% water, by mass	R1
	1337	NITROSTARCH, WETTED with not less than 20% water, by mass	R1
	1344	TRINITROPHENOL (PICRIC ACID), WETTED with not less than 30% water, by mass	R1
	1347	SILVER PICRATE, WETTED with not less than 30% water, by mass	R1
	1348	SODIUM DINITRO-ortho-CRESOLATE, WETTED with not less than 15% water, by mass	R1
	1349	SODIUM PICRAMATE, WETTED with not less than 20% water, by mass	R1
	1354	TRINITROBENZENE, WETTED with not less than 30% water, by mass	R1
	1355	TRINITROBENZOIC ACID, WETTED with not less than 30% water, by mass	R1
	1356	TRINITROTOLUENE (TNT), WETTED with not less than 30% water, by mass	R1
	1357	UREA NITRATE, WETTED with not less than 20% water, by mass	R1
	1517	ZIRCONIUM PICRAMATE, WETTED with not less than 20% water, by mass	R1
	1571	BARIUM AZIDE, WETTED with not less than 50% water, by mass	R1
	2304	NAPHTHALENE, MOLTEN	R2
	2448	SULPHUR, MOLTEN	R2
	2555	NITROCELLULOSE WITH WATER (not less than 25% water, by mass)	R1
	2556	NITROCELLULOSE WITH ALCOHOL (not less than 25% alcohol, by mass, and not more than 12.6% nitrogen, by dry mass)	R1
	2557	NITROCELLULOSE with not more than 12.6% nitrogen, by dry mass, MIXTURE WITH or WITHOUT PLASTICIZER, WITH or WITHOUT PIGMENT	R1
	2852	DIPICRYL SULPHIDE, WETTED with not less than 10% water, by mass	R1
	2907	ISOSORBIDE DINITRATE MIXTURE with not less than 60% lactose, mannose, starch, or calcium hydrogen phosphate	R1
	2956	5-tert-BUTYL-2,4,6-TRINITRO-m-XYLENE(MUSK XYLENE)	R1
	3097	FLAMMABLE SOLID, OXIDIZING, N.O.S. - Certificate from Competent Authority and UN Manual test report (SP76, P099) - see R1	R

4.1	3176	FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.	R2
	3221	Self-Reactive Liquid Type B	X
	3222	Self-Reactive Solid Type B	X
	3223	Self-Reactive Liquid Type C	X
	3224	Self-Reactive Solid Type C	X
	3225	Self-Reactive Liquid Type D	X
	3226	Self-Reactive Solid Type D	X
	3227	Self-Reactive Liquid Type E	X
	3228	Self-Reactive Solid Type E	X
	3229	Self-Reactive Liquid Type F	X
	3230	Self-Reactive Solid Type F	X
	3231	Self-Reactive Liquid Type B, Temperature Controlled	X
	3232	Self-Reactive Solid Type B, Temperature Controlled	X
	3233	Self-Reactive Liquid Type C, Temperature Controlled	X
	3234	Self-Reactive Solid Type C, Temperature Controlled	X
	3235	Self-Reactive Liquid Type D, Temperature Controlled	X
	3236	Self-Reactive Solid Type D, Temperature Controlled	X
	3237	Self-Reactive Liquid Type E, Temperature Controlled	X
	3238	Self-Reactive Solid Type E, Temperature Controlled	X
	3239	Self-Reactive Liquid Type F, Temperature Controlled	X
	3240	Self-Reactive Solid Type F, Temperature Controlled	X
	3317	2-AMINO-4,6-DINITROPHENOL, WETTED with not less than 20% water by mass	R1
	3319	NITROGLYCERIN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 2% but not more than 10% nitroglycerin by mass	R1
	3344	PENTERYTHRITATE TETRANITRATE (PENTAERYTHRITOL TETRANITRATE, PETN) MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass	X
	3364	TRINITROPHENOL (PICRIC ACID), WETTED with not less than 10% water, by mass.	R1
	3365	TRINITROCHLOROBENZENE (PICRYL CHLORIDE), WETTED with not less than 10%	R1
	3366	TRINITROTOLUENE (TNT), WETTED with not less than 10% water, by mass	R1
	3367	TRINITROBENZENE, WETTED with not less than 10% water, by mass	R1
	3368	TRINITROBENZOIC ACID, WETTED with not less than 10% water, by mass	R1
	3369	SODIUM DINITRO-o-CRESOLATE, WETTED with not less than 10% water, by mass	R1
	3370	UREA NITRATE, WETTED with not less than 10% water, by mass	R1
	3376	4-NITROPHENYL HYDRAZINE with not less than 30% water, by mass	R1
	3380	DESENSITIZED EXPLOSIVE, SOLID, N.O.S.	R1
3533	POLYMERIZING SUBSTANCE, SOLID, TEMPERATURE CONTROLLED, N.O.S.	X	
3534	POLYMERIZING SUBSTANCE, LIQUID, TEMPERATURE CONTROLLED, N.O.S.	X	
4.2	1361	CARBON animal or vegetable origin - Irrespective of DG/Non-DG, all the commodities of Carbon/Activated Carbon (Charcoal) are prohibited - Non-DG Carbon black(Cas No. 1333-86-4) is acceptable, if containing less 8% volatiles	X
	1362	CARBON, ACTIVATED - Irrespective of DG/Non-DG, all the commodities of Carbon/Activated Carbon (Charcoal) are prohibited - Non-DG Carbon black(Cas No. 1333-86-4) is acceptable, if containing less 8% volatiles and packed in proper package for dust free	X
	1363	COPRA - Weathering cert. or exemption cert. as per SP926	R
	1364	COTTON WASTE, OILY - Acceptable hermetically sealed packign only (prohibit bale)	R
	1365	COTTON, WET - Acceptable hermetically sealed packign only (prohibit bale)	R
	1369	p-NITROSODIMETHYLANILINE	R1
	1374	FISHMEAL, UNSTABILIZED (FISHSCRAP, UNSTABILIZED) High hazard. Unrestricted moisture content, Unrestricted fat content in excess of 12%, by mass; unrestricted fat content in excess of 15%, by mass, in the case of anti-oxidant treated fishmeal or fishscrap	X
	1376	IRON OXIDE, SPENT or IRON SPONGE, SPENT obtained from coal gas purification - Acceptable metal drum packing only	R
	1381	PHOSPHORUS, WHITE or YELLOW, DRY or UNDER WATER or IN SOLUTION	X
	1386	SEED CAKE, containing vegetable oil - Acceptable hermetically sealed packign only (prohibit bale) - COA (Certificate of Analysis) to check oil contents	R
	2006	PLASTICS, NITROCELLULOSE-BASED, SELF-HEATING, N.O.S.	X
	2447	PHOSPHORUS, WHITE, MOLTEN	R2

	2845	PYROPHORIC LIQUID, ORGANIC, N.O.S.	X
	2846	PYROPHORIC SOLID, ORGANIC, N.O.S.	X
	3088	SELF-HEATING SOLID, ORGANIC, N.O.S.	X
	3126	SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.	X
	3127	SELF-HEATING SOLID, OXIDIZING, N.O.S.	X
	3128	SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.	X
	3183	SELF-HEATING LIQUID, ORGANIC, N.O.S.	X
	3184	SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.	X
	3185	SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.	X
	3186	SELF-HEATING LIQUID, INORGANIC, N.O.S.	X
	3187	SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.	X
	3188	SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.	X
	3191	SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.	X
	3192	SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.	X
	3194	PYROPHORIC LIQUID, INORGANIC, N.O.S.	X
	3200	PYROPHORIC SOLID, INORGANIC, N.O.S.	X
	3255	tert-BUTYL HYPOCHLORITE - Acceptable closed container only with Certificate from competent authority (SP76,P099)	R
	3313	ORGANIC PIGMENTS, SELF-HEATING	X
	3341	THIOUREA DIOXIDE (Thiourea D, Thiourea DE, Thiourea 98% SP on the MSDS)	X
	3342	XANTHATES	X
	3400	ORGANOMETALLIC SUBSTANCE, SOLID , SELF-HEATING	X
4.3	1295	TRICHLOROSILANE - Stuffing photo or survey report	R
	1395	ALUMINIUM FERROSILICON POWDER - Certificate as per SP932	R
	1405	CALCIUM SILICIDE - Certificate as per SP932	R
	1415	LITHIUM - Minimum 200kgs of dry lithium chloride powder, dry sodium chloride or graphite powder should be supplied by shipper	R
	1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER - Minimum 200kgs of dry lithium chloride powder, dry sodium chloride or graphite powder should be supplied by shipper	R
	3129	Water-Reactive Liquid, Corrosive, N.O.S.	X
	3130	Water-Reactive Liquid, Toxic, N.O.S.	X
	3131	Water-Reactive Solid, Corrosive, N.O.S.	X
	3132	Water-Reactive Solid, Flammable, N.O.S.	X
	3133	Water-Reactive Solid, Oxidizing, N.O.S.	X
	3134	Water-Reactive Solid, Toxic, N.O.S.	X
3135	Water-Reactive Solid, Self-Heating, N.O.S.	X	
5.1	1479	OXIDIZING SOLID, N.O.S. - All hazardous materials of "Calcium Hypochlorite" and all compounds containing Calcium Hypochlorite are prohibited	R
	1512	ZINC AMMONIUM NITRITE	X
	1748	CALCIUM HYPOCHLORITE, DRY or CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	X
	2208	CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 10% but not more than 39% available chlorine	X
	2426	AMMONIUM NITRATE, LIQUID (hot concentrated solution)	R2
	2465	DICHLOROISOCYANURIC ACID, DRY or DICHLOROISOCYANURIC ACID, SALTS - Acceptable following packing only - Single: drum, jerrycan - Combination: glass, plastic, metal inner packing	R
	2468	TRICHLOROISOCYANURIC ACID, DRY	X
	2880	CALCIUM HYPOCHLORITE, HYDRATED or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE with not less than 5.5% but not more than 16% water	X
	3100	OXIDIZING SOLID, SELF-HEATING, N.O.S.	X
	3212	HYPOCHLORITES, INORGANIC, N.O.S. - Acceptable SADT over than 60°C - see R1	R1
3213	BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S. (Ammonium bromate[Transport prohibited]) SP900	R1	

	<b>3219</b>	NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	R1
	<b>3375</b>	AMMONIUM NITRATE EMULSION or SUSPENSION or GEL intermediate for blasting	R1
	<b>3485</b>	CALCIUM HYPOCHLORITE, DRY, CORROSIVE or CALCIUM HYPOCHLORITE MIXTURE, DRY, CORROSIVE with more than 39% available chlorine (8.8% available oxygen)	X
	<b>3486</b>	CALCIUM HYPOCHLORITE MIXTURE, DRY, CORROSIVE with more than 10% but not more than 39% available chlorine	X
	<b>3487</b>	CALCIUM HYPOCHLORITE, HYDRATED, CORROSIVE or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE, CORROSIVE with not less than 5.5% but not more than 16% water	X
<b>5.2</b>	<b>ALL</b>	Acceptance for other UN No are depending on the SADT(Self-accelerating Decomposition temperature) 60 °C or above	R
	<b>3101</b>	ORGANIC PEROXIDE TYPE B, LIQUID	X
	<b>3102</b>	ORGANIC PEROXIDE TYPE B, SOLID	X
	<b>3103</b>	ORGANIC PEROXIDE TYPE C, LIQUID	X
	<b>3104</b>	ORGANIC PEROXIDE TYPE C, SOLID	X
	<b>3111</b>	Organic Peroxide Type B, Liquid, Temperature Controlled	X
	<b>3112</b>	Organic Peroxide Type B, Solid, Temperature Controlled	X
	<b>3113</b>	Organic Peroxide Type C, Liquid, Temperature Controlled	X
	<b>3114</b>	Organic Peroxide Type C, Solid, Temperature Controlled	X
	<b>3115</b>	Organic Peroxide Type D, Liquid, Temperature Controlled	X
	<b>3116</b>	Organic Peroxide Type D, Solid, Temperature Controlled	X
	<b>3117</b>	Organic Peroxide Type E ,Liquid, Temperature Controlled	X
<b>3118</b>	Organic Peroxide Type E ,Solid, Temperature Controlled	X	
<b>3119</b>	Organic Peroxide Type F ,Liquid, Temperature Controlled	X	
<b>3120</b>	Organic Peroxide Type F ,Solid, Temperature Controlled	X	
<b>6.1</b>	<b>1613</b>	HYDROCYANIC ACID, AQUEOUS SOLUTION (HYDROGEN CYANIDE, AQUEOUS SOLUTION) with not more than 20% hydrogen cyanide - MSDS and COA (Certificate of Analysis)	R
	<b>2249</b>	DICHLORODIMETHYL ETHER, SYMMETRICAL - Certificate from competent authority (SP76, P099)	R
	<b>3123</b>	TOXIC LIQUID, WATER-REACTIVE, N.O.S. - Certificate from competent authority (P099)	R
	<b>3125</b>	TOXIC SOLID, WATER-REACTIVE, N.O.S. - Certificate from competent authority (P099)	R
	<b>3250</b>	CHLOROACETIC ACID, MOLTEN	R2
	<b>3315</b>	CHEMICAL SAMPLE, TOXIC, LIQUID	X
	<b>3507</b>	URANIUM HEXAFLUORIDE, RADIOACTIVE MATERIAL, EXCEPTED PACKAGE, less than 0.1 kg per package, non-fissile or fissile-excepted	X
<b>6.2</b>	<b>ALL</b>	Infectious Substances	X
<b>7</b>	<b>ALL</b>	Radioactive Materials	X
<b>8</b>	<b>1818</b>	SILICON TETRACHLORIDE	X
	<b>1791</b>	HYPOCHLORITE SOLUTION (SP349 Mixtures of a hypochlorite with an ammonium salt are not to be accepted for transport. UN No. 1791 hypochlorite solution is a substance of class 8) - MSDS	R
	<b>2922</b>	CORROSIVE LIQUID, TOXIC, N.O.S. (Prohibit technical name "CYANAMIDE" ONLY) - MSDS	R
	<b>3260</b>	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.(Prohibit technical name "Pottasium Monopersulfate" ONLY) - MSDS	R
<b>9</b>	<b>2211</b>	POLYMERIC BEADS, EXPANDABLE evolving flammable vapour - Acceptable ventilated container, open-top container or container in one door off operation - Closed CTU: Substance is packed in hermetically sealed packagings or IBCs and it is necessary to provide packing cert & Test report as per IMDG code (4.1.1.10.1) - Cargo transport units shall be marked with a warning mark including the words "CAUTION - MAY CONTAIN FLAMMABLE VAPOUR" with lettering not less than 25 mm high	R
	<b>2212</b>	BLUE ASBESTOS (crocidolite) or BROWN ASBESTOS (amosite, miosorite)	X
	<b>2216</b>	FISHMEAL (FISHSCRAP), STABILIZED Anti-oxidant treated. Moisture content greater than 5% but not exceeding 12%, by mass. Fat content not more than 15% - Certificate as per SP300, 308, 945	R
	<b>2315</b>	POLYCHLORINATED BIPHENYLS, LIQUID	X
	<b>2590</b>	WHITE ASBESTOS (chrysotile, actinolite, anthophyllite, tremolite)	X
	<b>3082</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. - Prohibited technical name "DIVINYLBENZENE" ONLY	R
	<b>3151</b>	POLYHALOGENATED BIPHENYLS, LIQUID or POLYHALOGENATED TERPHENYLS,	X

	<b>3152</b>	POLYHALOGENATED BIPHENYLS, SOLID or POLHALOGENATED TERPHENYLS,	X
	<b>3257</b>	ELEVATED TEMPERATURE LIQUID, N.O.S. at or above 100°C and below its flashpoint (including molten metals, molten salts, etc.) - Acceptable heated tank container only - see R2	R2
	<b>3258</b>	ELEVATED TEMPERATURE SOLID, N.O.S. at or above 240°C - Certificate from competent authority (P099)	R
	<b>3314</b>	PLASTICS MOULDING COMPOUND in dough, sheet or extruded rope form, evolving flammable vapour - Acceptable ventilated container, open-top container or container in one door off operation - Closed CTU: Substance is packed in hermetically sealed packagings or IBCs and it is necessary to provide packing cert & Test report as per IMDG code (4.1.1.10.1) <del>- Cargo transport units shall be marked with a warning mark including the words</del>	R
	<b>3432</b>	POLYCHLORINATED BIPHENYLS, SOLID	X
<b>OTHER</b>	<b>ALL</b>	1. DANGEROUS GOODS in reefer container subject to under following condition: Because there is the possibility of failure to keep temperature during transportation at sea. In this case, No dangerous situation shall be occurred by reason of failure of setting temperature (Quality control purpose only but not accept temperature control) Only acceptable IMO Class 3 (FP >= 23 Centigrade), 4.1, 4.2, 4.3, 5.1,5.2, 8 and 9 which are without subsidiary label 1, 3(FP < 23 Centigrade) and 6.1 <b>If met IMDG code 7.3.7.6.2, it is acceptable case by case.</b> When flammable liquids having a flashpoint less than 23°C c.c. and not requiring temperature control for safety reasons are transported under temperature control conditions for commercial reasons, explosion proof electrical fittings are required except when the substances are pre cooled to and transported at a control temperature of at least 10°C below the flashpoint. In case of failure of a non explosion proof refrigerating system, the system shall be disconnected from the power supply. It shall not be reconnected if the temperature has risen to a temperature less than 10°C below the flashpoint.	R
	<b>ALL</b>	2. DANGEROUS GOODS IN CONTAINER AS BULK	X
	<b>ALL</b>	3. GOODS require temperture controlled by IMDG Code.	X
	<b>ALL</b>	4. Hazardous materials in heated tank container	R2
	<b>ALL</b>	5. Air hazardous materials loaded in special equipment other than 20/40/40HC ISO dry container (closed freight container) and Tank container - case by case	R
	<b>ALL</b>	6. All DG tank container - Should provide Tank periodic survey report	R
	<b>ALL</b>	7. Technical name : Potassium monopersulfate, DIVINYLBENZENE, CYANAMIDE, Chlorinated lime on the MSDS	R
	<b>ALL</b>	8. Technical name : Thiourea D, Thiourea DE, Thiourea 98% SP, Thiourea 99PCT Min Pls provide MSDS for technical consultation - Acceptable if not declared as 4.2/3341 THIOUREA DIOXIDE clearly	R
	<b>ALL</b>	9. It's possible to prohibit or restrict further items on chartered vessel as per charter party.	R
	<b>ALL</b>	10. For the polymerizing substance under SP386, SAPT(Self-accelerating polymerization temperature) 60 °C or above is accepted only. Booking line should specify SAPT on DG application or MSDS.	R
	<b>R1</b>	Acceptable after review following * All origin including China - MSDS - Stuffing photo or survey report - COA (Certificate of Analysis) * China origin - CIQ packing cert. - Custom declaration	
	<b>R2</b>	Acceptable after review following - MSDS - Tank container manual/specification - LOI (No risk/responsibility by failure of temperautre control) - Whether ship's power is required or not	