

PROHIBITED & RESTRICTED DG CARGO LIST for ONE

X : Prohibited

R : Restricted (Acceptable under certain conditions)

Version 4.0
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This list is generally additional requirements by ONE on top of IMDG code requirement unless it specifies. Changes from previous version are in red text.

Category	General Provisions	ONE P&R
Waste	All waste cargoes govern by Basel Convention is prohibited unless written consent is received from competence authority of the state exporting, importing and transiting states. a) GDG (Global DG Desk) shall confirm vessel owner's acceptance. (If required by CP) b) Following items shall be provided to GDG: - Movement document issued by the state of export - Import permission by import country & transit permission in transit countries. c) Stowage: ODAB - On deck Away from Heat (only for Battery Waste)	R
Requirement of Vanning Survey	1. Vanning Survey is required as below condition. a) Should be done by competent marine surveyor as the third party. b) All packages have been externally inspected for damage, and only sound packages have been packed. c) The container should be clean, dry and apparently fit to receive the goods. d) The container and packages therein are properly marked, labelled and placard. e) All packages shall be properly secured in the container to avoid any movement during sea transport which would change the orientation of the packages or cause them to be damaged. f) Survey report should be submitted to GDG. g) Additional requirement by GDG if any. 2. The Container Operating Line (COL) should arrange and carry out survey on its account.	R
DG in Flexi-tank	Prohibited	X
DG in Heating tank container	1. Stowage: OD - On deck / 1st tier 2. Following items shall be provided to GDG: a) Copy of periodic Tank inspection and CSC plate b) Safety Data Sheet (SDS) 3. If require electric supply from vessel, following documents shall be provided to GDG and vessel master: a) Letter of Guarantee (L/G) stating that the ship's operator has no responsibility on the shipment in case of temperature control unit malfunction. - not ask ship's crew to monitor / operate the container - ship's crew / vessel owner harmless in respect of any liability, loss and/or damage - the control temperature (include max. allowable temp. for safe transportation) - in case temperature control unit is stopped due to malfunction, it can be discharged at ship operator's convenient port b) Operation manual, electric plug type (include required voltage) c) Shore engineer's explanation for ship's crew (if it is any special requirements)	R
Temperature Controlled DG (SOC - Live Dual Reefer)	1. Explosion-proof type Dual Reefer container (SOC) shall be used. 2. Following items shall be provided to GDG and vessel master: a) SDS b) SAPT or SADT, control, and emergency temperature c) Reefer operating manual d) Reefer spare parts and emergency contact e) Crew training conducted for dual reefer operation, retraining is required at least every 3 months f) Explanation of the weight packages, type, and condition of stuffing g) Jettison Letter from the shipper 3. Transhipment is prohibited. 4. Void space may be necessary in order to open the container door during an emergency. 5. Max. number of this DG is 20ft x 2 units per voyage.	R
SP386 (Temperature Controlled)	1. Temperature control is required when polymerization may occur at lower temperatures as per IMDG code SP386: a) For packages/IBCs, control applies when SAPT ≤ 50 °C b) For portable tanks, control applies when SAPT ≤ 45 °C 2. If loading in Live Reefers, see "Temperature Controlled DG (SOC - Live Dual Reefer)"	R
DG in Live Reefer (Normal Reefer unit)	1. Following DG is acceptable in Live Reefer under the given conditions. a) Class 2.1 or Sub risk as Class 2.1 for quality control purposes - Explosion-proof reefer is required - Shall comply with IMDG code 7.3.7.6.3 b) Class 3 (FP < 23 deg C) or Sub risk as Class 3 (FP < 23 deg C); - SDS - A control temperature shall be set at least 10 deg C below the Flash Point - Shall comply with IMDG code 7.3.7.6.2 c) Class 3 (FP ≥ 23 deg C) or Sub risk as Class 3 (FP ≥ 23 deg C); - Reefer setting temperature should be lower than Flash Point of the cargo (Confirm by SDS) d) Other DG in reefer for the sole purpose of quality control with no subrisk Class 1. 2. Substances with explosive characteristics (EmS Schedule F-B & F-H) cannot be loaded into live reefers 3. Ventilation mode should be "CLOSE" for live reefers unless otherwise specified by IMDG. 4. For ONE reefer unit (include Reefer as Dry), the container interior & evaporator air stream compartment have to be thoroughly checked, cleaned-up and removed odour after devanning DG cargo from the reefer container. MnR (Maintenance and Repair) team at discharge port should be notified. (This is compulsory because it will affect the next shipment which can well be foodstuff cargo.)	R

DG in Bulk Cargoes	Following items shall be required if a container is used as BK1 or BK2 a) Loading in SOC container only b) Stuffing photo to show the proper protection on the container interior from leaking c) Photo of CSC plate to ascertain the compliance with IMDG code 6.9.3.	R
Military Goods	Prohibited all ammunition, explosive or propellant for arms, weapon and military goods used for military purpose, including; a) Mass Destruction & Arms & Ammunition b) Goods that cause political conflicts c) Sanction Goods d) Goods which are prohibited by owner	X

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IMO	UN No.	Proper Shipping Name	Remark	ONE P&R
1.1	All	SUBSTANCES AND ARTICLES WHICH HAVE A MASS EXPLOSION HAZARD	Prohibited	X
1.2	All	SUBSTANCES AND ARTICLES WHICH HAVE A PROJECTION HAZARD BUT NOT A MASS EXPLOSION HAZARD	Prohibited	X
1.3	All	SUBSTANCES AND ARTICLES WHICH HAVE A FIRE HAZARD AND EITHER A MINOR BLAST HAZARD OR A MINOR PROJECTION HAZARD OR BOTH, BUT NOT A MASS EXPLOSION HAZARD	Following items shall be provided to GDG: a) Vanning survey report is required. (include other commodity with "explosive" sub labels / sub-risk 1) b) Final DG Declaration (DGD) c) End User Certificate (only for Ammunition & Cartridges)	R
1.4	All	SUBSTANCES AND ARTICLES WHICH PRESENT NO SIGNIFICANT HAZARD		
1.5	All	VERY INSENSITIVE SUBSTANCES WHICH HAVE A MASS EXPLOSION HAZARD		
1.6	All	EXTREMELY INSENSITIVE ARTICLES WHICH DO NOT HAVE A MASS EXPLOSION		

2.1	1966	HYDROGEN, REFRIGERATED LIQUID	For Laden shipment in ISO Tank: Following items shall be provided to GDG: a) SDS b) Operation manual of ISO Tank c) Tank certificate d) Setting pressure of safety relief valve	R
	1972	METHANE, REFRIGERATED LIQUID or NATURAL GAS, REFRIGERATED LIQUID with high methane content		
2.2	1963	HELIUM, REFRIGERATED LIQUID	The below restrictions apply to Laden tanks only. a) Stowage: 1st or 2nd tier for monitoring purpose b) The following acceptance requirement is applicable only for ISO Tank Refrigerated Liquid Helium Shipment with below MAX PSI 91 (≤91): - At the time of loading from the Port of Origin (POR/POL), the PSI reading for the shipment must be below 10 PSI (≤10). - At the time of loading from T/S Port, the PSI reading must be below 35 PSI (≤35) unless exempted. - Shipper should make arrangements with the terminal (POR/POL or T/S) to release the pressure when container is in the yard before loading.	R
2.3	All	TOXIC GASES	Following items shall be provided to GDG, if its origin is China including Hong Kong a) In Dry Container (not applicable for empty receptacles) - Vanning survey report b) In ISO tank or MEGC - Valid Tank Periodic Inspection Certificate - Pre-loading inspection report by surveyor to certify safe physical condition for sea transport	R

4.1	All	FLAMMABLE SOLIDS, SELF-REACTIVE SUBSTANCES, SOLID DESENSITIZED EXPLOSIVES AND POLYMERIZING SUBSTANCES	All Temperature Controlled : only acceptable ONE bookings on ONE operated vessels All subrisk Class 1, see Class 1	R
	3226	SELF-REACTIVE SOLID TYPE D	Prohibited from origin India	X
	3531	POLYMERIZING SUBSTANCE, SOLID, STABILIZED, N.O.S.	1. If loading in "Live" reefers to maintain temperature for stabilization (not for quality purpose), refer to "Temperature Controlled DG (SOC - Live Dual Reefer)" 2. Technical name: Divinylbenzene (DVB) (Diethenylbenzene/Vinylstyrene.) should be classified under Class 4.1/UN 3532 or Class 4.1/UN 3534	R
	3532	POLYMERIZING SUBSTANCE, LIQUID, STABILIZED, N.O.S.		
	3533	POLYMERIZING SUBSTANCE, SOLID, TEMPERATURE CONTROLLED, N.O.S.		
	3534	POLYMERIZING SUBSTANCE, LIQUID, TEMPERATURE CONTROLLED, N.O.S.		

4.2	1361	CARBON animal or vegetable origin.	1. Non-DG Charcoal is prohibited 2. Charcoal from Indonesia is prohibited 3. 20ft Dry Container only (not packed together with charcoal lighter or other ignition source inside the container) 4. Following items shall be provided to GDG: a) SDS b) Vanning survey report, including photos, confirming compliance with SP 978. 5. Stowage: ODAB - On deck away from heat source / 1st tier shaded from direct sunlight	R
	1362	CARBON, ACTIVATED	1. Raw (unfinished products) Chemically Activated Carbon MUST be declared as DG regardless of SP979. 2. (DG & Non-DG) Stowage: ODAB - On deck away from heat source / 1st tier shaded from direct sunlight	R
	1381	PHOSPHORUS, WHITE or YELLOW, DRY or UNDER WATER or IN SOLUTION	1. Stowage: OD - On deck 2. In case of Dry Container : a) Acceptable only in new steel drums b) The cargo shall be stuffed one tier only c) Vanning survey report is required to proof item a) and b)	R
	3341	THIOUREA DIOXIDE	Prohibited	X
4.3	1415	LITHIUM	1. Fire fighting material Lithium chloride powder, dry sodium chloride or graphite powder must be provided on board as per IMDG requirement. 20 kgs per 20ft container (1 TEU) under the care of master. 2. Acceptable for 1st leg vessel only (if require 2nd leg vessel, shall consult GDG)	R
	1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER		
5.1	1479	OXIDIZING SOLID, N.O.S. (Applicable in case of Calcium Hypochlorite)	1. Japan origin only 2. Shipments will only be accepted from the approved manufacturer 3. Transhipment prohibited except Pusan/Hong Kong/Singapore (apply to ONE booking only) 4. 20ft container only and maximum 14 tons net weight per container a) Each Packages should not exceed 45 kgs net weight per package 5. The following items shall be provided to GDG: a) Result of heat accumulation storage test by 3rd party surveyor, showing below 75 degree C b) SDS 6. Stowage: OP - On deck protected (shaded from direct sunlight)	R
	1748	CALCIUM HYPOCHLORITE, DRY with more than 39% available chlorine or CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine		
	2208	CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 10% but not more than 39% available chlorine		
	2880	CALCIUM HYPOCHLORITE, HYDRATED with not less than 5.5% but not more than 16% water or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE with not less than 5.5% but not more than 16% water		
	3485	CALCIUM HYPOCHLORITE, DRY, CORROSIVE with more than 39% available chlorine or CALCIUM HYPOCHLORITE MIXTURE, DRY, CORROSIVE with more than 39% available chlorine		
	3486	CALCIUM HYPOCHLORITE MIXTURE, DRY, CORROSIVE with more than 10% but not more than 39% available chlorine		
	3487	CALCIUM HYPOCHLORITE, HYDRATED, CORROSIVE with not less than 5.5% but not more than 16% water or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE, CORROSIVE with not less than 5.5% but not more than 16% water		
	3378	SODIUM CARBONATE PEROXYHYDRATE	Prohibited from origin China including Hong Kong	R
	2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	1. Prohibited from origin Bangladesh 2. If its origin is from India, the following items shall be provided to GDG: a) Vanning survey report b) Valid IIP(Indian Institute of Packaging), ERRL (Enviro Remediation & Research Laboratory) & TUV UN certificate	R
	2015	HYDROGEN PEROXIDE, STABILIZED or HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED with more than 60% hydrogen peroxide	Acceptable only in tanks	R

5.2	All	OXIDIZING SUBSTANCES	1. Prohibited in Non-Operating Reefer (NOR) 2. Acceptable only ONE bookings on ONE operated vessels 3. Refer to "Temperature Controlled DG (SOC - Live Dual Reefer)" for temperature controlled DG loaded in live reefers for safety purpose. 4. SADT is required for all Class 5.2 5. All subrisk Class 1, see Class 1	R
	3101	ORGANIC PEROXIDE TYPE B, LIQUID	1. SDS shall be provided to GDG in order to check technical name. 2. Stowage: a) protect from radiant heat which includes direct sunlight b) away from living quarter 3. Transshipment is prohibited. 4. Prohibited if SADT is less than or equal to 55°C.	R
	3102	ORGANIC PEROXIDE TYPE B, SOLID		
	3103	ORGANIC PEROXIDE TYPE C, LIQUID		
	3104	ORGANIC PEROXIDE TYPE C, SOLID		
	3105	ORGANIC PEROXIDE TYPE D, LIQUID		
	3106	ORGANIC PEROXIDE TYPE D, SOLID		
	3107	ORGANIC PEROXIDE TYPE E, LIQUID		
	3108	ORGANIC PEROXIDE TYPE E, SOLID		
	3109	ORGANIC PEROXIDE TYPE F, LIQUID		
	3110	ORGANIC PEROXIDE TYPE F, SOLID		
6.1	1649	MOTOR FUEL ANTI-KNOCK MIXTURE	Must be packed in a new package, stuffed max in 1 tier high only	R
	3483	MOTOR FUEL ANTI-KNOCK MIXTURE, FLAMMABLE		
	3507	URANIUM HEXAFLUORIDE, RADIOACTIVE MATERIAL, EXCEPTED PACKAGE, less than 0.1 kg per package, non-fissile or fissile-excepted	Prohibited	X
6.2	All	INFECTIOUS SUBSTANCES	Prohibited	X
7	All	RADIOACTIVE MATERIAL	Prohibited	X
8	2800	BATTERIES, WET, NON-SPILLABLE electric storage	Used (not damaged/defective) batteries shall be confirmed if they are waste. If it is waste, refer to "Waste".	R
	2794	BATTERIES, WET, FILLED WITH ACID electric storage		
	2795	BATTERIES, WET, FILLED WITH ALKALI electric storage		
	3028	BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE, SOLID electric storage		
9	2211	POLYMERIC BEADS, EXPANDABLE evolving flammable vapour	1. Acceptable basically in an open-top container or ventilated container. a) One door off container is prohibited b) If the shipper want to load in closed container without adequate exchange of air in the unit, IMDG code SP 965.2 shall be complied. c) Flexible bags are not acceptable in closed container d) In case of Live Reefer, only acceptable in explosion-proof type for quality purposes 2. Stowage: ODAB - On deck away from heat source	R
	3314	PLASTICS MOULDING COMPOUND in dough, sheet or extruded rope form, evolving flammable vapour		
	2216	FISHMEAL (FISHSCRAP), STABILIZED Anti-oxidant treated. Moisture content greater than 5% but not exceeding 12%, by mass. Fat content not more than 15%	Following items shall be provided to GDG in order to verify the moisture & fat contents: a) SDS b) Fishmeal certificate	R
	2212	ASBESTOS, AMPHIBOLE (amosite, tremolite, actinolite, anthophyllite, crocidolite)	Prohibited	X
	2315	POLYCHLORINATED BIPHENYLS, LIQUID		
	2590	ASBESTOS, CHRYSOTILE		
	3151	POLYHALOGENATED BIPHENYLS, LIQUID or HALOGENATED MONOMETHYLDIPHENYLMETHANES, LIQUID or POLYHALOGENATED TERPHENYLS, LIQUID		
	3152	POLYHALOGENATED BIPHENYLS, SOLID or HALOGENATED MONOMETHYLDIPHENYLMETHANES, SOLID or POLYHALOGENATED TERPHENYLS, SOLID		
	3432	POLYCHLORINATED BIPHENYLS, SOLID		

9	3090	LITHIUM METAL BATTERIES (including lithium alloy batteries)	1. Used and/or damaged/defective/waste Lithium Batteries are prohibited. Only brand-new lithium batteries are acceptable. 2. Stowage : (LIB) On deck away from heat source 3. UN3090/UN3480 (only for origin from China including Hong Kong) - SDS shall be provided.	R
	3091	LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT (including lithium alloy batteries) or LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT (including lithium alloy batteries)		
	3480	LITHIUM ION BATTERIES (including lithium ion polymer batteries)		
	3481	LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT (including lithium-ion polymer batteries) or LITHIUM ION BATTERIES PACKED WITH EQUIPMENT (including lithium-ion polymer batteries)		
	3166	VEHICLE, FLAMMABLE GAS POWERED or VEHICLE, FLAMMABLE LIQUID POWERED or VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED or VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED	1. All Lithium or Sodium Battery Powered HV must be declared as DG. 2. Used Lithium or Used Sodium Battery Powered HV are prohibited. Exception for Used Lithium or Used Sodium Battery Powered HV is below condition for ONE & Partner's booking. a) The vehicle is manufactured and exported from Japan for resale only. b) The HV has not been involved in an accident, and the batteries are undamaged. c) Letter of Guarantee (L/G) to be submitted for proof of above a) & b) conditions 3. Damaged/Defective/Waste Lithium or Sodium Battery Powered HVs are prohibited. 4. All Lithium or Sodium Battery Powered HV must load on deck / away from heat sources.	R
	3556	VEHICLE, LITHIUM ION BATTERY POWERED	Vehicles with Used and/or damaged/defective/waste Lithium Batteries are prohibited	X
	3557	VEHICLE, LITHIUM METAL BATTERY POWERED	1. Must be declared as DG. 2. Stowage : (LIB) On deck away from heat source	R
	3536	LITHIUM BATTERIES INSTALLED IN CARGO TRANSPORT UNIT lithium-ion batteries or lithium metal batteries	1. Used and/or damaged/defective/waste lithium batteries are prohibited. Only brand-new lithium batteries are acceptable. 2. Stowage : (LIB) On deck away from heat source 3. Exceeding 45 tons container weight of BESS (Battery Energy Storage System) is prohibited.	R
	3551	SODIUM ION BATTERIES with organic electrolyte	<u>DG & Non-DG</u> 1. Used and/or damaged/defective/waste sodium batteries are prohibited. Only brand-new sodium batteries are acceptable. 2. Stowage : (LIB) On deck away from heat source	R
	3552	SODIUM ION BATTERIES PACKED WITH EQUIPMENT with organic electrolyte or SODIUM ION BATTERIES CONTAINED IN EQUIPMENT with organic electrolyte		
	3558	VEHICLE, SODIUM ION BATTERY POWERED	Vehicles with Used and/or damaged/defective/waste Sodium Batteries are prohibited 1. Must be declared as DG. 2. Stowage: (LIB) On deck away from heat source	X R
	3359	FUMIGATED CARGO TRANSPORT UNIT	1. Stowage: (OD) On deck 2. If under deck stowage is required, equipments suitable for detecting the fumigant gas or gases used should be carried on board as per IMO (MSC.1/Circ.1361/Rev.1).	R
	3496	BATTERIES, NICKEL METAL HYDRIDE	Used (not damaged/defective) batteries shall be confirmed if they are waste. If it is waste, refer to "Waste".	R
	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	1. For Technical name of SDID (Sodium Dichloroisocyanurate Dihydrate): a) Stowage: (OP) On deck & protected from sources of heat. b) Prohibit if origin from China including Hong Kong 2. Calcium hypochlorite, trichloroisocyanuric acid, symclosene, TCCA, and their synonyms are prohibited when declared as Class 9 under UN 3077.	R

<<Remarks>>

1. Brand-new : direct from manufacturing plant, not recycled, not defective & not for disposal

2. Substances & articles, Technical name (Synonyms) falls under ONE Prohibited commodities are also prohibited under N.O.S. entries.