

Prohibited & Restricted Cargo List for the TNWA
(Dangerous Goods / Hazardous Material)

X : Prohibited

R : Restricted

TNWA PROHIBITED & RESTRICTED D&H CARGO LIST

Version 33 - Effective 18th Nov. 2011

IMO	UN No.	Proper Shipping Name	MOL	HMM	APL
1.1	ALL	Substances and articles with mass explosion hazard APL: Only Military cargo is acceptable. See -> class 1 "ALL"	X	X	R
1.1D	0222	Ammonium Nitrate	X	X	X
1.2	ALL	Projection Hazard but not mass explosion hazard APL: Only Military cargo is acceptable. See -> class 1 "ALL"	X	X	R
1.3	ALL	Fire hazard and other hazard but not mass explosion hazard MOL: (a) Prohibited all 1.3 commodities in case the cargo are made in P.R.China. HKG is considered a part of PRC. HMM : Accept only Class 1.3G/UN 0315 if the shipper is Lockheed EMBARGOES all other compatibility groups APL: Accept Only Military cargo. See -> class 1 "ALL"	R	R	R
1.4	ALL	Substances and articles with no significant hazard HMM: (a) Accept 1.4S except fireworks (b) EMBARGOES all other compatibility groups MOL: (a) All 1.4 commodities (except 1.4G/1.4S) will be prohibited in case the cargo are made in P.R.China. HKG is considered a part of PRC. (b) Restricted 1.4G commodities which originated from P.R.China. See->"D.G. only for loading out of P. R. China (not include packed outside of PRC)" See -> class 1 "ALL"	R	R	
1.5	ALL	Very insensitive substance with mass explosion hazard MOL: (a) Prohibited all 1.5 commodities in case the cargo are made in P.R.China. HKG is considered a part of PRC. See -> class 1 "ALL"	R	X	
1.6	ALL	Extremely insensitive articles but not mass explosion hazard MOL: (a) Prohibited all 1.6 commodities in case the cargo are made in P.R.China. HKG is considered a part of PRC. See -> class 1 "ALL"	R		
Class1	ALL	ALL: Class 1 might be restricted depending on space availability by segregation with other dangerous cargo. APL: Do not accept fireworks loading out of PRC ports except from Shanghai and Yanshan for Eur and TP trade only . HKG is considered an independent state & not part of PRC. Fireworks Class 1.3G, UN 0335 is prohibited HMM : Prohibits fireworks loaded at PRC ports.HKG is not considered a part of PRC. MOL: (a) Prohibit 1.3/1.5/1.6/1.4(except 1.4G&1.4S) commodities(Including fire works UN:0335) which originated from P.R.China. And restricted 1.4G commodities which originated from P.R.China. HKG is considered a part of PRC. See->"D.G. only for loading out of P. R. China (not include packed outside of PRC)" (b) For loading on ships chartered-in by MOL, ship's owners approval is required	R	R	R
	ALL except 0336, 0337	APL's acceptance is subject to following conditions; a) For loading on ships chartered-in by APL, APL will seek clearance from the ship owners before reverting confirmation. The process of pre-clearance from owners may take up to as long as 4 working days. It is therefore important that lines submit request with complete and accurate details to APL's Regional Hazmat Response Center no later than 5 working days before vessel's arrival at the port of loading. Above notwithstanding, APL will always endeavor to chase owners to expedite reply.			R

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IMO	UN No.	Proper Shipping Name	MOL	HMM	APL
	ALL	Gases having flammable nature in Reefer CNTR	X	X	X
	ALL	MOL restricts class 2.1 commodities which originated from P.R.China. HKG is considered a part of PRC. See->"D.G. only for loading out of P. R. China (not include packed outside of PRC)"	R		
2.1	1057	LIGHTERS containing flammable gas. APL: All Gas Lighters ex PRC, irrespective of type, are embargoed. However disposable gas lighters to be loaded at Hong Kong, even if they originate from PRC, can be accepted subject to successful gas leakage tests conducted by HIT [Hong Kong International Terminal]. Restrictions apply only to disposable type with plastics casting. No restriction for non-disposable type which normally contains igniting device of either electronic or peizo-electric type) Acceptance is on a case to case basis subject to consideration of some or combination of following factors: 1. Country of origin 2. Rechargeable or non-rechargeable 3. Transit in Middle East not allowed from 15 June to 15 Sept. 4. Full information on (1) and (2), must be provided in Pre-clearance request. HMM 1. Prohibits "Plastic lighters with gas inlet valve" 2. Prohibits all Gas lighters originated from PRC irrespective of type. 3. Prohibits the cargo which will be Transit/Transshipment at "Middle East ports" From June to Sept. ("Suez canal" is not include "Middle East")		R	R
	1961	Ethane, Refrigerated Liquid			X
	1966	Hydrogen, Refrigerated Liquid	X		X
	1972	Methane, Refrigerated Liquid			X
	3138	Ethylene Acetylene & Propylene mixtures, Refrigerated Liquid			X
2.2	2455	Methyl Nitrite	X	X	X
	ALL	MOL restricts class 2.3 commodities which originated from P.R.China. HKG is considered a part of PRC. See->"D.G. only for loading out of P. R. China (not include packed outside of PRC)"	R		
	1067	Dinitogen Tetroxide (Nitrogen dioxide)			X
	1069	Nitrosyl Chloride			X
	1076	Phosgene			X
	1749	Chlorine Trifluoride			X
	1911	Diborane/Boroethane			X
2.3	2186	Hydrogen Chloride, Refrigerated Liquid	X	X	X
	2190	Oxygen Difluoride/Oxygen Fluoride/Fluorine Monoxide			X
	2417	Carbonyl Fluoride/Carbon Oxyfluoride/Fluoroformyl Fluoride			X
	2420	Hexafluoroacetone/Acetone hexafluoride/Hexafluoro-2-Propanone			X
	2421	Nitrogen Trioxide / Nitrogen Sesquioxide /Dinitrogen Trioxide			X
	2534	Methylchlorosilane			X
	2548	Chlorine Pentafluoride			X
	ALL	MOL prohibited Class 3, PG-1 commodities which originated from P.R.China. HKG is considered a part of PRC.	X		
	ALL	All liquids having F.P. (F.P.< minus 18 deg Celsius) in Reefer CNTR MOL: 1. Will not accept the cargo unless shipper can provide the following to the carrier 1-1. The certificate of flame proof type reefer container 1-2. Instruction manual and spare parts of the reefer	R	X	X
	1131	Carbon Disulphide/Carbon Bisulphide MOL: Not acceptable the carriage of the said goods and Class 1 goods on board regardless of stowage compartment. APL/HMM Not acceptable on ship carrying goods of class 1. The restriction of does not apply in the case of: 1. goods in division 1.4, compatibility group S; or 2. explosive articles for life-saving purposes as identified in the individual schedules; or 3. goods in compatibility groups C, D and E 4. articles in compatibility group G other than fireworks and those requiring special stowage APL: Requires date of periodical inspections of Tank if Tank Container is used for US trade.	R	R	R
3 PG-1	1194	Ethyl Nitrite, Solution/Nitrous Ether, Solution ALL: 1. Will not accept pure Ethyl Nitrite. 2. Will accept on condition that Lines produce a letter from Competent Authority (See Appendix)	R	R	R
	1280	Propylene Oxide			X
	2784	Organophosphorus Pesticide, Liquid, Flammable, Toxic APL: 1. Will not accept 4 brands namely; Parathion, Movinphos, Tepp & Guthion bound for U.S 2. Requires date of periodical inspections of Tank if Tank Container is used for US trade.			R
	2983	Ethylene Oxide & Propylene Oxide Mixture with not more than 30% ethylene oxide			X
	3079	Methacrylonitrile, Inhibited			X

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3 PG-II	ALL	MOL restricts Class 3 / PG-II commodities which originated from P.R.China. HKG is considered a part of PRC. See->" DG only for loading out of P. R. China (not include packed outside of PRC)"	R		
	ALL	All liquids having F.P. (minus 18°C <=F.P.<= 23 deg Celsius) in Reefer CNTR MOL: 1. Will not accept the cargo unless shipper can provide the following to the carrier 1-1. The certificate of flame proof type reefer container 1-2. Instruction manual and spare parts of the reefer HMM: Reefer setting temp should be 3°C lower than flash point	R	R	X
	1194	Ethyl Nitrite, Solution/Nitrous Ether, Solution HMM 1. Will not accept pure Ethyl Nitrite. 2. Will accept on condition that Lines produce a letter from Competent Authority. (See Appendix).		R	
	2784	Organophosphorus Pesticide, Liquid, Flammable, Toxic APL: 1. Will not accept 4 brands namely;Parathion, Movinphos, Tepp & Guthion bound for U.S 2. Requires date of periodical inspections of Tank if Tank Container is used for US trade.			R
4.1	ALL	MOL restricts Class 4.1 commodities which originated from P.R.China. HKG is considered a part of PRC. See->"D.G. only for loading out of P. R. China (not include packed outside of PRC)"	R		
	1325	Flammable Solid, Organic, N.O.S. (Restrictions applicable to , ONLY when the chemical/technical name is "Blowing agent") MOL: See VAR of Class 4.1 "Blowing agent"	R		
	3097	Flammable Solid, Oxidizing, N.O.S. ALL: Accept if approval letter from competent authority is given	R	R	R
	3224	Self-Reactive Solid Type C MOL: See VAR of Class 4.1 "Blowing agent" 1. (N,N'-Dinitrosopentamethylenetramine / Blowing agent) APL: Will not accept: 1. (N,N'-Dinitroso-N,N'-Dimethyl-Terephthalamide, as a paste) 2. (N,N'-Dinitrosopentamethylenetetramine)	R		R
	3226	Self-Reactive Solid Type D MOL: See VAR of Class 4.1 "Blowing agent" 1. (p -Toluenesulfonylhydrazide / Blowing Agent) 2. (p,p7 -Oxybis (benzenesulfonylhydrazide) / Blowing Agent) 3. (other chemical name / Blowing Agent) APL: Will not accept: 1. (Benzene Sulphohydrazide) 2. (Benzene-1,3-Disulphohydrazide) 3. (4-(Benzyl(Ethyl)Amino)-e-Ethoxy-Benzenediazonium Zinc Chloride) 4. (Sodium 2-Diazo-1-Naphthol-4-Sulphonate) and 5. (Sodium 2-Diazo-1-Naphthol-5-Sulphonate)	R		R
	3231	Self-Reactive Liquid Type B, Temperature Controlled (All)	X	X	X
	3232	Self-Reactive Solid Type B, Temperature Controlled (All)	X	X	X
	3233	Self-Reactive Liquid Type C, Temperature Controlled (All)	X	R	X
	3234	Self-Reactive Solid Type C, Temperature Controlled (All)	R	R	X
	3235	Self-Reactive Liquid Type D, Temperature Controlled (All)	X	R	X
	3236	Self-Reactive Solid Type D, Temperature Controlled (All)	R	R	X
	3237	Self-Reactive Liquid Type E, Temperature Controlled (All)	X	R	X
	3238	Self-Reactive Solid Type E, Temperature Controlled (All)	X	R	X
	3239	Self-Reactive Liquid Type F, Temperature Controlled (All)	X	R	X
3240	Self-Reactive Solid Type F, Temperature Controlled (All) HMM: Only SOC RF cntr with self-containing generator is accepted. And operation manual is to be provided to ship, also see page 8 VAR. MOL: See VAR of Class 4.1 (Self-reactive Substances / Temperature Controlled)	X	R	X	
3242	Azodicarbonamide (Blowing agent) MOL / APL: See VAR of Class 4.1 "Blowing agent"	R		R	
VAR	Blowing agent MOL / APL 1. Letter of guarantee as follows is required: "During transport, if jettison is necessary due to any incident which may affect the performance and safety of transportation, shipper wholly consent to master's disposition. Shipper also responsible for all cost associated with rescue of, or disposal of cargo and container if such is necessary" 2. Submission of Material Safety Data Sheets (MSDS) with the above Letter of guarantee 3. Other warning for transport , if any.	R		R	

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4.1	VAR	<p>Self-Reactive Substances / Temperature Controlled</p> <p>MOL:</p> <ol style="list-style-type: none"> 1. Shall be used Dual reefer container 2. SOC Reefer container is not acceptable 3. Restriction depending on space availability on vessel & individual port restriction 4. To be stowed on deck / 1st tier / sea side for jettison 5. The following data shall be provided by booking line well in advance of sailing date: <ol style="list-style-type: none"> a) MSDS (Material Safety Data Sheets) b) The control temperature (The max. temperature at which the substance can be safely transported during a prolonged period) c) Letter of guarantee as follows is required: "During transport, if jettison is necessary due to malfunction of refrigerant unit, or any other incident which may affect the performance and safety of transportation, shipper wholly consent to master's disposition. Shipper also responsible for all cost associated with rescue of, or disposal of cargo and container if such is necessary" d) Other warning for transport , if any. <p>APL & HMM : Embargoes all self-reactive substances with subsidiary explosive risks.</p>	R	R	R
	ALL	<p>MOL restricts Class 4.2 commodities which originated from P.R.China. HKG is considered a part of PRC. See->" DG only for loading out of P. R. China (not include packed outside of PRC)"</p>	R		
4.2	1361 1362	<p>Carbon, animal or vegetable origin/Charcoal, non-activated / Carbon Black Carbon, Activated/Charcoal, Activated</p> <p>MOL:</p> <ol style="list-style-type: none"> 1. Prohibits charcoal / carbon which made from wood and originated from South Africa. (Conditions will apply to the commodity which is shipped under Non-hazardous status). 2. Restricted charcoal / carbon originated from other countries. (Conditions only apply to goods made from wood) <ol style="list-style-type: none"> (1) Requests a weathering certificate / a letter certifying a vanning at least 14-days afterward from production of cargo or holding in container at least 14-days prior to shipping. (Conditions only apply to goods made from wood) (2) To be stowed on deck 1st tier. (Conditions only apply to goods made from wood) <p>APL: Prohibits charcoal originated from China. Acceptance of activated charcoal originated from elsewhere other than from USA is subject to following conditions:</p> <ol style="list-style-type: none"> 1. Submission of Shipper's weathering report stating: <ol style="list-style-type: none"> i) description of whole cooling process and the chemical (or steam) used for activating. ii) minimum of 14 days of pre-cooling prior to packaging. 2. Vanning survey certificate confirming that: <ol style="list-style-type: none"> i) Cargo is packed in accordance with IMDG Code. ii) Packaging should be impervious to air & in good condition, & must not be torn. iii) Temperature of cargo should not be more than 5 degree C above the ambient temp iv) There should be no burning smell or presence of smoke during vanning v) Void space of 30 cm must be left on top of cargo & at door end to assist fire fighting. 3. The Shipper's weathering report for each shipper is reqd to be submitted only once. 4. The vanning survey certificate to be submitted for every shipment (B/L lot) and every vessel/voyage and in addition to "(b)" the following details to be included: <ol style="list-style-type: none"> i) total number and size of containers ii) container numbers iii) seal numbers against respective container numbers iv) date of vanning of each container <p>Loading on alliance vessel is allowed no earlier than 7 days after the date of vanning.</p>	R X/R	X X	R R
	1369	p-Nitrosodimethylaniline		X	
	1380	Pentaborane		X	
	1381	<p>Phosphorus, White or Yellow</p> <p>APL: Requires date of periodical inspections of Tank if Tank Container is used for US trade.</p> <p>APL / MOL:</p> <ol style="list-style-type: none"> 1. To be packaged in new steel drum. 2. To be stowed vertically 1 tier high in closed container. 3. Vanning survey required. 4. To be stowed on deck. 	R	X	R

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			MOL	HMM	APL
4.2	1383	Pyrophoric Metal, N.O.S or Pyrophoric Alloy, N.O.S		X	
	1384	Sodium Dithionite(Sodium Hydrosulphite)		X	
	1387	Wool Waste, wet		X	
	1854	Barium Alloys, Pyrophoric		X	
	1855	Calcium, Pyrophoric or Calcium Alloys, Pyrophoric		X	
	1856	Rags, Oily		X	
	1857	Textile Waste, wet		X	
	1923	Calcium Dithionite(Calcium Hydrosulphite)		X	
	1929	Potassium Dithionite(Potassium Hydrosulphite)		X	
	2004	Magnesium Diamide		X	
	2008	Zirconium Powder, dry		X	
	2009	Zirconium, dry finished sheets, strip or coiled wire		X	
	2210	MANEB or MANEB PREPARATION		X	
	2546	Titanium Powder, dry		X	
	2845	Pyrophoric Liquid, Organic, N.O.S. MOL: Not acceptable the carriage of the said goods and Class 1 goods on board regardless of stowage compartment. HMM: Not acceptable on ship carrying goods of class 1. The restriction of does not apply in the case of : 1. goods in division 1.4, compatibility group S; or 2. explosive articles for life-saving purposes as identified in the individual schedules; or 3. goods in compatibility groups C, D and E 4. articles in compatibility group G other than fireworks and those requiring special stowage	R	R	X
	2846	Pyrophoric Solid, Organic, N.O.S		X	
	2870	Aluminum Borohydride		X	
	2881	Metal Catalyst, dry		X	
	3126	Self-Heating Solid, Corrosive, Organic, N.O.S.	R	R	R
	3127	Self-Heating Solid, Oxidizing, N.O.S	R	R	R
	3128	Self-Heating Solid, Toxic, Organic, N.O.S. ALL: Will accept on condition that Lines produce a letter from Competent Authority (See Appendix)	R	R	R
3194	Pyrophoric Liquid Inorganic, N.O.S MOL: Not acceptable the carriage of the said goods and Class 1 goods on board regardless of stowage compartment.	R	X	X	
3200	Pyrophoric Solid Inorganic, N.O.S			X	
3254	Tributylphosphane		R		
3341	Thiourea Dioxide / Formamidine Sulphinic Acid	X	X	X	
3342	Xanthates MOL: Accepts chemicals made outside of P.R. China HMM: Not acceptable on ship carrying goods of class 1	R	R	X	
3391	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC HMM: Accept if shipper is AKZO NOBEL and Albermarle, USA		R		
3392	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC HMM: Accept if shipper is AKZO NOBEL and Albermarle, USA MOL: Not acceptable the carriage of the said goods and Class 1 goods on board regardless of stowage compartment. APL/HMM: Not acceptable on ship carrying goods of class 1. The restriction of does not apply in the case of : 1. goods in division 1.4, compatibility group S; or 2. explosive articles for life-saving purposes as identified in the individual schedules; or 3. goods in compatibility groups C, D and E 4. articles in compatibility group G other than fireworks and those requiring special stowage	R	R	R	
3393	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC, WATER-REACTIVE HMM: Accept if shipper is AKZO NOBEL and Albermarle, USA		R		

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	3394	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATER-REACTIVE HMM: Accept if shipper is AKZO NOBEL and Albermarle, USA MOL: Not acceptable the carriage of the said goods and Class 1 goods on board regardless of stowage compartment. APL/HMM: Not acceptable on ship carrying goods of class 1. <u>The restriction of does not apply in the case of:</u> 1. goods in division 1.4, compatibility group S; or 2. explosive articles for life-saving purposes as identified in the individual schedules; or 3. goods in compatibility groups C, D and E 4. articles in compatibility group G other than fireworks and those requiring special stowage MOL In addition to above, if the commodity is "LITHIUM ALKYL" or "ALUMINIUM ALKYL" or "ALUMINIUM ALKYL HALIDES" or "ALUMINIUM ALKYL HYDRIDES." a. Vanning survey required. b. Cargo operator should supply 100kgs Perlite powder or 200 kgs of Vermiculite. c. Acceptable for 1st leg vessel only	R	R	R
	VAR	Substances which ignite on exposure to air		R	
	ALL	MOL restricts Class 4.3 commodities which originated from P.R.China. HKG is considered a part of PRC. See->"D.G. only for loading out of P. R. China (not include packed outside of PRC)"	R		
	1402	CALCIUM CARBIDE HMM: Destined in US : Prohibit Destined in ASIA : Acceptable with LOI, packing cert and Vanning survey report	X	R	
	1408	FERROSILICON HMM: Not accept in bulk.		R	
	1415	LITHIUM APL : Cargo operator should supply 200kgs (in small drum of 20kgs each) of dry lithium chloride powder, dry sodium chloride or graphite powder. Allow to carry maximum of 5 x 40ft or 10 x 20ft. MOL: 1. Cargo operator should supply 200kgs of dry lithium chloride powder, dry sodium chloride or graphite powder. 2. Acceptable for 1st leg vessel only	R	X	R
	1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER APL : Cargo operator should supply 200kgs (in small drum of 20kgs each) of dry lithium chloride powder, dry sodium chloride or graphite powder. Allow to carry maximum of 5 x 40ft or 10 x 20ft. MOL: 1. Cargo operator should supply 200kgs of dry lithium chloride powder, dry sodium chloride or graphite powder. 2. Acceptable for 1st leg vessel only	R	X	R
4.3	3129 3130 3131 3132 3133 3135	Water-Reactive Liquid, Corrosive, N.O.S. Water-Reactive Liquid, Toxic, N.O.S. Water-Reactive Solid, Corrosive, N.O.S. Water-Reactive Solid, Flammable, N.O.S. Water-Reactive Solid, Oxidizing, N.O.S. Water-Reactive Solid, Self-Heating, N.O.S. ALL: Will accept on condition that Lines produce a letter from Competent Authority (See Appendix)	R R R R R R	R R R R R R	R R R R R R
	3292	Batteries, Containing Sodium or Cells, containing Sodium APL/HMM: 1. Must come with MSDS and supporting documents when origin is from PRC. 2. Applicable for all trade lanes - Batteries required On-Deck stowage.		R	R
	ALL	MOL restricts Class 5.1 commodities which originated from P.R.China. HKG is considered a part of PRC. See->"D.G. only for loading out of P. R. China (not include packed outside of PRC)" APL - Will NOT accept any substance which contains Ammonium Nitrate.	R		R
	1479	Oxidizing Solid, N.O.S. (Applicable in case of Calcium Hypochlorite) HMM: Embargoes Calcium Hypochlorite APL / MOL: See Restriction on UN NO. 1748, 2208, 2880, 3485, 3486 & 3487 column	R	R	R
	1512	Zinc Ammonium Nitrite	X	X	X
5.1	1748 2208 2880 3485 3486 3487	Calcium Hypochlorite, Dry Calcium Hypochlorite Mixture, Dry Calcium Hypochlorite, Hydrated Calcium Hypochlorite, Dry, Corrosive or Calcium Hypochlorite Mixture, Dry, Corrosive Calcium Hypochlorite, Mixture, Dry, Corrosive Calcium Hypochlorite, Hydrated, Corrosive or Calcium Hypochlorite , Hydrated Mixture, Corrosive MOL: Restrictions applicable to UN1479, UN1748, UN2208, UN2880, UN3485, UN3486 & UN3487. (Restrictions applicable to UN1479, ONLY when the chemical/technical name is Calcium Hypochlorite) Prohibits cargoes originated from CHINA. Acceptance of Calcium Hypochlorite originated from elsewhere subject to the following condition: 1. Result of heat accumulation storage test by 3 rd party surveyor 2. Submission of Material Safety Data Sheet (MSDS) 3. To be stowed on deck so as avoid the heating by direct sunlight 4. Application will be reviewed on a case by case basis depending on trade lanes and ship's owners' requirements APL: see next page	R R R R R R	X X X X X X	R R R R R R

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5.1		MOL: see previous page APL: Restrictions applicable to UN1479, UN1748, UN2208 , UN2880, UN3485, UN3486 & UN3487. (Restrictions applicable to UN1479, ONLY when the chemical/technical name is Calcium Hypochlorite) Prohibits Calcium Hypochlorite originating from China and Hong Kong. 1. Will NOT accept any substance which contains Ammonium Nitrate. 2. Will accept for on deck stowage only, out of direct sunlight & clear of living quarters. 3. Cargoes must be packed in clean drums not exceeding net weight of 45 kg per drum. Sack or bag packaging are not acceptable. 4. The total cargo net weight limited to 14 tones per freight container. No co-loading with any other cargoes is allowed. 5. Will not be accepted in freight containers larger than 20ft. 6. Application will be reviewed on a case by case basis depending on trade lanes and prevailing climate. 7. For loading on ships chartered-in by APL, APL will seek clearance from the ship owners before reverting confirmation. The process of pre-clearance from owners may take up to as long as 4 working days. It is therefore important that lines submit request with complete and accurate details to APL's Regional Hazmat Response Center no later than 5 working days before vessel's arrival at the port of loading. Above notwithstanding, APL will always endeavor to chase owners to expedite reply.	R	X	R
	1942	Ammonium Nitrate		X	X
	2015	Hydrogen Peroxide, Stabilized or Hydrogen Peroxide, Aqueous Solution, Stabilized MOL: Not acceptable if the ship call Hong Kong.	R		
	2067	Ammonium Nitrate Based Fertilizer		X	X
	2426	Ammonium Nitrate, Liquid			X
3375	Ammonium Nitrate Emulsion or Suspension or Gel intermediate for blasting explosive			X	
5.2	ALL	MOL restricts class 5.2 commodities which originated from P.R.China. HKG is considered a part of PRC. See->"D.G. only for loading out of P. R. China (not include packed outside of PRC)"	R		
	3101	Organic Peroxide Type B, Liquid	R	X	R
	3102	Organic Peroxide Type B, Solid	R	X	R
		APL: Prohibits commodities with subsidiary explosive risk MOL: Restriction depending on space availability on vessel and individual port restriction.			
	3103	Organic Peroxide Type C, Liquid HMM&MOL: Vanning survey should be provided exporting from PRC	R	R	
	3111	Organic Peroxide Type B, Liquid, Temperature Controlled	X	X	X
	3112	Organic Peroxide Type B, Solid, Temperature Controlled	X	X	X
	3113	Organic Peroxide Type C, Liquid, Temperature Controlled	X	X	X
	3114	Organic Peroxide Type C, Solid, Temperature Controlled	X	X	X
	3115	Organic Peroxide Type D, Liquid, Temperature Controlled	X	X	X
	3116	Organic Peroxide Type D, Solid, Temperature Controlled	X	X	X
	3117	Organic Peroxide Type E, Liquid, Temperature Controlled	X	X	X
	3118	Organic Peroxide Type E, Solid, Temperature Controlled	X	X	X
	3119	Organic Peroxide Type F, Liquid, Temperature Controlled	X	X	X
3120	Organic Peroxide Type F, Solid, Temperature Controlled	X	X	X	
ALL	Organic Peroxide ex P.R.China MOL: See MOL's conditions for acceptance under "DG made in P.R.China"	R		X	
VAR	Organic Peroxide HMM / APL: Embargoes all other organic peroxides with subsidiary explosive risks. MOL: Organic peroxide which has explosive risks refer the restriction of explosive (Class 1).	R	R	R	

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X : Prohibited

R : Restricted

IMO	UN No.	Proper Shipping Name	MOL	HMM	APL
	ALL	MOL restricts class 6.1 commodities which originated from P.R.China. HKG is considered a part of PRC. See->"D.G. only for loading out of P. R. China (not include packed outside of PRC)"	R		
	1135	Ethylene Chlorohydrin Requires date of periodical inspections of Tank if Tank Container is used for US trade.			R
	1259	Nickel Carbonyl MOL: Not acceptable the carriage of the said goods and Class 1 goods on board regardless of stowage compartment. APL/HMM: Not acceptable on ship carrying goods of class 1. The restriction of does not apply in the case of: 1. goods in division 1.4, compatibility group S; or 2. explosive articles for life-saving purposes as identified in the individual schedules; or 3. goods in compatibility groups C, D and E 4. articles in compatibility group G other than fireworks and those requiring special stowage	R	R	R
	1649	Motor Fuel Anti-Knock Mixture/Ethyl Fluid/Tetraethyllead APL: Requires date of periodical inspections of Tank if Tank Container is used for US trade. APL / MOL: 1. To be packaged in new steel drum and 1 tier high in container. 2. To be stowed on deck. Vanning survey reqd. Safety kits and treatment chemical upon leakage must be supplied for account of container operator. MOL: Limits tank container (T2) to 3 containers per vessel	R	X	R
6.1	2206 2811	Isocyanates, Toxic, N.O.S. or Isocyanate Solution, Toxic, N.O.S. Toxic Solid, Organic, N.O.S. MOL: Conditions only apply to the commodity is "Thiourea". "Thiourea" is including it's other chemical name "Thiocarbamide", "Isothiourea" Prohibits cargoes originated from CHINA. Acceptance of "Thiourea" originated from elsewhere subject to the following condition: 1. Submission of Material Safety Data Sheet (MSDS)	X/R X/R		
	2783 3017 3018	Organophosphorus Pesticide, Solid, Toxic Organophosphorus Pesticide, Liquid, Toxic, Flammable Organophosphorus Pesticide, Liquid, Toxic APL: 1. Will not accept 4 brands namely: Parathion, Movinphos, Tepp & Guthion bound for U.S 2. Requires date of periodical inspections of Tank if Tank Container is used for US trade.			R R R
	3086	Toxic Solid, Oxidizing, N.O.S APL: Does not accept commodity which have subsidiary risk of class 5.1.			R
	3122	Toxic Liquid, Oxidizing, N.O.S APL: Does not accept commodity which have subsidiary risk of class 5.1.			R
	3123	Toxic Liquid, Water-Reactive, N.O.S (only for PG I) ALL: Will accept on condition that Lines produce a letter from Competent Authority (See Appendix)	R	R	R
	3125	Toxic Solid, Water-Reactive, N.O.S ALL: Will accept on condition that Lines produce a letter from Competent Authority (See Appendix)	R	R	R
	3287	Toxic Liquid, Inorganic N.O.S. APL: Does not accept Nickel Sulphate for Carriage.			R
	3288	Toxic Solid, Inorganic N.O.S. APL: Does not accept Nickel Sulphate for Carriage.			R
	3483	MOTOR FUEL ANTI-KNOCK MIXTURE, FLAMMABLE APL: 1. Requires date of periodical inspections of Tank if Tank Container is used for US trade. 2. To be packaged in new steel drum and 1 max tier high in container. 3. To be stowed on deck. Vanning survey reqd. Safety kits and treatment chemical upon leakage must be supplied for account of container operator.			R
6.2	ALL	Infectious Substances	X	X	X

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7	ALL	<p>Radioactive Materials</p> <p>APL: Will not accept Fissile Class, and ONLY accept the following: 1.Cobalt 60. 2.Return of Cobalt 60 casks for re-use 3.Radioactive isotopes for medical use. 4.Devices used for industrial, commercial, agricultural, medical and scientific purposes. 5. For loading on ships chartered-in by APL, APL will seek clearance from the ship owners before reverting confirmation. The process of pre-clearance from owners may take up to as long as 4 working days. It is therefore important that lines submit request with complete and accurate details to APL's Regional Hazmat Response Center no later than 5 working days before vessel's arrival at the port of loading. Above notwithstanding, APL will always endeavor to chase owners to expedite reply.</p> <p>MOL: 1. Japanese government or Japanese electricity projects only 2. End user to be peaceful industry. 3. Insurance with property / third party's liability coverage to be arranged by container operator 4. Required applications to Japan MLIT and Japan Coast Guard to be arranged by container operator.</p>	R	X	R
	ALL	MOL restricts class 8 commodities which originated from P.R.China. HKG is considered a part of PRC. See->"D.G. only for loading out of P. R. China (not include packed outside of PRC)"	R		
	2031	<p>Nitric Acid</p> <p>APL: 1. (Vanning survey required if stuffed in GP container) 2. Requires date of periodical inspections of Tank if Tank Container is used for US trade.</p>			R
	2032	<p>Nitric Acid-Red Fuming</p> <p>APL: 1. Vanning survey required if stuffed in GP container 2. Requires date of periodical inspections of Tank if Tank Container is used for US trade.</p>			R
	2834	<p>Phosphorous Acid</p> <p>HMM: packing certificate is required</p>		R	
8	2800 2794 2795 3028	<p>Batteries, Wet, Non-Spillable, electric storage Batteries, Wet, Filled with Acid, electric storage Batteries, Wet, Filled with Alkali, electric storage Batteries, Dry, Containing Potassium Hydroxide, Solid</p> <p>MOL: USED Batteries shall be confirmed if they are Waste. If it is waste, refer "VAR / Waste".</p> <p>APL: 1. Restriction applies to Scrap/Old Batteries ONLY. Batteries must be drained of corrosive liquid, flushed and washed. Batteries and parts must be packaged in steel drums 2. Trans-boundary documents per Basel Convention are to accompany Scrap batteries which are "Waste" shipment 3. Batteries whether declared as DG or Non-DG must come with MSDS and supporting documents when origin is from PRC. 4. Applicable for all trade lanes - Batteries whether declared as DG on Non-DG required On-Deck stowage.</p>	R R R R		R R R R
	3260	<p>CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S</p> <p>MOL: Conditions only apply to the commodity is "Oxone" 1. Prohibits "Oxone" which originated from PRC 2. Prohibits "Oxone" which originated from other countries unless shipper provide us MSDS</p> <p>Remark: aaa:This commodity is not "Pure substance" but "Mixture substance". (It's composition are Potassium Monopersulfate, Potassium Hydrogen sulfate & Potassium Sulfate.) "Oxone" is trading name of this Mixture. bbb:The commodity is classified "Corrosive Generic entry" as mentioned. However it has Oxidation potential and it's stability will be reduced by the presence of moisture and/or any other material.</p>	X/R		

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	ALL	MOL restricts class 9 commodities which originated from P.R.China. HKG is considered a part of PRC. See->"D.G. only for loading out of P. R. China (not include packed outside of PRC)"	R		
	2071	Ammonium Nitrate Based Fertilizer			X
	2211	Polystyrene Beans, Expandable/Polymeric Beads, Expandable MOL: 1. To be packed in steel or fibre drum. To be stowed on deck 2. To be used open-top container. 3. Warning sign "FLAMMABLE GAS INSIDE" to be attached on container door HMM: 1. To be stowed on deck only and away from accomodation 2. Commodity must be hermitically seal and outer packaging able to withstand the pressure release within. A test certificate of the outer packaging is required Or Vanning survey report is required to guarantee the cargo packing condition such as hermitical seal, adequate packing 3. No live reefer to be loaded athwartship, on top, forward and aft of this container	R	R	X
	2212	Blue Asbestos or Brown Asbestos	X		X
	2590	White Asbestos	X		X
	2315	Polychlorinated Biphenyls, Liquid	X	X	X/R
	3151	Polyhalogenated Biphenyls, Liquid or Polyhalogenated Terphenyls, Liquid	X	X	X/R
	3152	Polyhalogenated Biphenyls, Solid or Polyhalogenated Terphenyls, Solid	X	X	X/R
	3432	Polychlorinated Biphenyls, Solid APL: Embargo applies to US bound cargoes/Restriction applies to Europe bound waste cargoes	X	X	X/R
9	3077	Environmentally Hazardous Substance, Solid, N.O.S. (Restrictions applicable to , ONLY when the chemical/technical name is Calcium Hypochlorite) MOL: Prohibits cargoes originated from CHINA. Acceptance of Calcium Hypochlorite originated from elsewhere subject 1. Result of heat accumulation storage test by 3rd party surveyor 2. Submission of Material Safety Data Sheet (MSDS) 3. To be stowed on deck 4. Application will be reviewed on a case by case basis depending on trade lanes and ship's owners' requirements	R		
	3090	Lithium Metal Batteries (including lithium alloy batteries)	R	R	R
	3091	Lithium Metal Batteries contained in equipment or Lithium Metal Batteries Packed with Equipment (including lithium alloy batteries)	R	R	R
	3480	Lithium Ion Batteries (including lithium ion polymer batteries)	R	R	R
	3481	Lithium Ion Batteries contained in equipment or Lithium Ion Batteries Packed with Equipment (including lithium ion polymer batteries) MOL: Booking office shall keep document required by SP188 .7 for non-haz USED Batteries shall be confirmed if they are Waste. If it is waste, refer "VAR / Waste". APL & HMM: 1. Batteries whether declared as DG or Non-DG must come with MSDS and supporting documents when origin is from PRC. 2. Applicable for all trade lanes - Batteries whether declared as DG on Non-DG required On-Deck stowage.	R	R	R
	3314	Plastic Moulding Compound MOL: 1. To be packaged in steel or fibre drum. to be stowed on deck 2. To be used open-top container. 3. Warning Sign. "FLAMMABLE GAS INSIDE" to be attached on container	R		X

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	3166	Engine, Internal Combustion or Vehicle, Flammable Gas Powered or Vehicle Flammable Liquid Powered or Engine, Fuel Cell, Flammable Gas Powered, or Engine Fuel Cell, Flammable Liquid Powered or Vehicle, Fuel Cell, Flammable Gas Powered or Vehicle, Fuel Cell, Flammable Liquid Powered	R	R	R
	3171	Battery-Powered Vehicle or Battery-Powered Equipment <u>APL, HMM & MOL</u> 1. Requires only notification when shipping as non DG, under SP 961 2. Battery in equipments must be isolated with non conductive material to prevent accidental activation and short-circuit 3. The "Construction Machinery" shall be treated as Vehicle (ex. Forklift, Bulldozer, Wheel loader, Excavator)	R	R	R
	3359	Fumigated Unit <u>APL, MOL & HMM</u> (Equipment for detecting the fumigant gases other than METHYL BROMIDE and PHOSPHIN should be supplied by the cargo operator)	R	R	R
9	3496	BATTERIES, NICKEL METAL HYDRIDE ALL: shall apply cargo data to ship's operator and to be stowed on deck space <u>MOL:</u> USED Batteries shall be confirmed if they are Waste. If it is waste, refer "VAR / Waste". <u>APL&HMM:</u> 1. Batteries must come with MSDS and supporting documents when origin is from PRC.	R	R	R
VAR		Dangerous cargo in refrigerated containers <u>APL:</u> 1. Will not accept Class or subsidiary class 3, 4.1, 4.2.5.1&5.2 in live reefers. 2. Accepts all other Classes of DGs refrigerated for the sole purpose of quality control. <u>HMM:</u> 1. Will not accept class 3(PG I, FP<-18 C)/1/2.1/2.3/6.1 in live Reefers. 2. Accept all other classes of DGs in RF for the sole purpose of quality control and with no subsidiary explosive risk. <u>MOL:</u> 1. Will not accept Class 3 include Subsidiary risk as Class 3 (FP<=23 C) unless shipper can provide the following to the carrier 1-1. The certificate of explosion proof type reefer container 1-2. Instruction manual and spare parts of the reefer 1-3. A control temperature shall be set at least 10 deg. Celsius below the flashpoint 2. Will not accept Class 3 include Subsidiary risk as Class 3 (FP>23) if the reefer setting temperature is above a flash point of the cargo 3. Will not accept Class 8 if it is single packagings fitted with vents 4. Accept all other classes of DGs in Reefer Container for the sole purpose of quality control and with no subsidiary explosive risk and no requirement of "keep away from any source of ignition" .	R	R	R
		Temperature controlled DG (Organic peroxide / Self-reactive) <u>HMM:</u> 1. Only 2 units per vessel are accepted. 2. Only SOC RF container with self-sustained generator is accepted. 3. Operation manual of RF is to be provided to ship's master. 4. Basic spare parts and sufficient fuel are required against emergency case such as reefer malfunction or Problem on power sources.		R	
		Dangerous cargo in Heating tank containers <u>MOL:</u> 1. Accepts only for the sole purpose of quality control. 2. To be stowed on deck / 1st tier 3. The following data shall be provided by booking line well in advance of sailing date: a) MSDS (Material Safety Date Sheets) b) The control temperature (include max. allowable temp. for safe transportation) c) Letter of guarantee as follows is required: "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" d) Electric plug type (include required voltage)	R		
VAR		Solid bulk dangerous goods in freight container <u>MOL:</u> Pre-notice to be provided, which includes MSDS & Emerg response procedures.	R		
VAR		Nickel Sulphate <u>APL</u> Does not accept commodity with more that 50% content in any class or N.O.S entry.			R
VAR		BATTERIES <u>HMM</u> Will not accept USED/WASTE batteries		R	
VAR		<u>MOL & HMM</u> All military equipment subject to S/O management approval	R	R	

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VAR		<p>D.G. only for loading out of P. R. China (not include packed outside of PRC). HKG is considered a part of PRC.</p> <p>MOL: Will accept only following D. G. only for loading out of P. R. China subject to conditions: All legal requirements to be fully satisfied. Declaration of D.G and Container Packing Certificate to be submitted</p> <p>1. Prohibited</p> <p>i) Goods of PG I</p> <p>2. No Restrictions</p> <p>i) IMO Class 1.4S, 2.2</p> <p>ii) Goods of PG III in IMO Classes 3, 4.1,4.2,4.3,5.1,6.1,8 & 9</p> <p>iii) UN 1564, Barium Compound N.O.S. (Barium Carbonate)</p> <p>iv) UN 1446 Barium Nitrate</p> <p>3. Below mentioned, vanning survey is required</p> <p>i) 1.4G, 2.1, 2.3, 5.2</p> <p>ii) Goods of PG II in IMO Class 3, 4.1, 4.2, 4.3, 5.1, 6.1, 8 & 9.</p> <p>iii) UN3166, UN3171, used Vehicle / Engine / Equipments</p> <p>4. To be stowed on deck space.</p> <p>i) All Tank container</p> <p>ii) Blowing agent (UN3224, UN3226, UN3242, UN1325)</p>	R		
VAR		<p>Vanning survey</p> <p>MOL: Vanning survey mentioned above may be done by competent marine surveyor as the third party in order to certify following points.</p> <p>1. All packages have been properly packed, securely blocked and braced to prevent the packages from changing position, falling to the floor, or sliding into each other under shocks normally incident.</p> <p>2. The container is clean, dry and apparently fit to receive the goods.</p> <p>3. No incompatible goods has been packed into the container.</p> <p>4. All packages have been externally inspected for damage, and only sound packages have been packed.</p> <p>5. The container and packages therein were properly marked, labeled and placard.</p> <p>6. Survey report should be submitted to appropriate parties.</p> <p>i) Original to ship's master</p> <p>ii) Copy to appropriate parties</p> <p>The cargo operator should arrange and carry out survey on its account</p>	R		
VAR	ALL	<p>Vanning survey (Contd.)</p> <p>APL: Shipments for the following customers shipping out of the USA require a letter from the booking line certifying that a vanning survey was carried out and that the shipment is in complete compliance with all regulations.</p> <p>The customers are:</p> <p>b) Brennan</p> <p>c) Conterm</p> <p>d) Direct Container Line</p>			R
VAR	ALL	<p>Vanning survey</p> <p>HMM: Vanning survey mentioned below may be done by competent marine surveyor as the third party in order to certify following points.</p> <p>1. The vanning survey report is applied only for CHINA origin shipment. - Hong Kong is not considered as a part of CHINA.</p> <p>2. Below mentioned, vanning survey is required :</p> <p>i) Class 2.1/2.3/4.2/4.3/5.2</p> <p>3. All packages have been properly packed, securely blocked and braced to prevent the packages from changing position, falling to the floor, or sliding into each other under shocks normally incident.</p> <p>4. The container is clean, dry and apparently fit to receive the goods.</p> <p>5 No incompatible goods has been packed into the container.</p> <p>6. All packages have been externally inspected for damage, and only sound packages have been packed.</p> <p>7. The container and packages therein were properly marked, labeled and placard.</p> <p>8. Survey report should be submitted to appropriate parties.</p> <p>i) Original to ship's master</p> <p>ii) Copy to appropriate parties</p> <p>The cargo operator should arrange and carry out survey on its account</p>		R	

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VAR		<p>Waste</p> <p>MOL:</p> <p>1.The following documents to be passed to MOL Hazmat section in region of export 2 weeks prior to vessel's</p> <p>a) Movement document issued by the state of export</p> <p>b) Import permission by import country</p> <p>c) Transit permission in transit countries</p> <p>d) Letter of guarantee, if it is not under Basel Convention</p> <p>"the cargo does not regulated by Basel Convention at Loading / Discharging / all Transit ports / all Transship ports.</p> <p>2. Will accept wastes subject to an approval from Tokyo Head office</p> <p>3. For loading on ships chartered-in by MOL, ship's owners approval is required</p> <p>APL:</p> <p>1. Waste shipment bound for U.S. must be a U.S. Government project approved by APL's Hazmat Response Center in Oakland - hazmatpalc@apl.com</p> <p>2. For loading on ships chartered-in by APL, APL will seek clearance from the ship owners before reverting confirmation. The process of pre-clearance from owners may take up to as long as 4 working days. It is therefore important that lines submit request with complete and accurate details to APL's Regional Hazmat Response Center no later than 5 working days before vessel's arrival at the port of loading. Above notwithstanding, APL will always endeavor to chase owners to expedite reply.</p> <p>HMM:</p> <p>Accept only when:</p> <p>1. Movement document issued by authority of the export country provided</p> <p>2. Approval/Permission fm authority of import country and way-port provided.</p>	R	R	R
VAR	FLEXITANK	<p>MOL & HMM</p> <p>Not acceptable on ship carrying Dangerous goods by Flexitank</p> <p>APL:</p> <p>Inbound and Outbound NAM - Accepted Flexibag must load under deck, away from boiler/heat. Load close to centre line of vessel</p> <p>Inbound and Outbound Europe and Asia - Accepted Flexibag must load on-deck, away from heat. Load close to centre line of vessel</p> <p>Foodstuff oil products - not allowed inbound and outbound USA and Canada</p> <p>Dangerous Cargo - not allowed in any trade lanes</p> <p>Acids - not allowed in any trade lanes</p> <p>Product that solidify at ambient temperature - not allowed at any trade lanes</p> <p>Non-Foodstuff oil products - not allowed in any trade lanes</p> <p>Only accept flexibags manufactured by:</p> <p>1) Trans Ocean Distribution</p> <p>2) Braidco / Braid Logistics</p> <p>3) Mak and Williams Flexitank Supply</p> <p>4) Shanghai YunJet Plastic Packaging</p> <p>5) My Flexitank Industries Sdn Bhd</p> <p>6) Big Red Flexitank</p> <p>3) Infinity Bulk Logistics</p>	X	X	R
NON-HAZARDOUS		<p>Sodium Metabisulphite (Na₂S₂O₃)</p> <p>MOL: Prohibits cargoes originated from PR CHINA.</p>	R		