



A Member of  MMC Group

Declaration & Acceptance of Dangerous Goods in PTP 2.0

Revision: 10th July, 2017



ports & logistics

Requirements on DG Declaration

1. Dangerous Goods declaration is applicable only for DG which are **not listed** in PTP DG whitelist – *Refer to Appendix A.*
2. Declaration shall be made no later than 48 hours prior to vessel arrival.
3. **Declaration does not guarantee acceptance.** It is advisable to perform an early declaration due to possibility of the following:
 - i. DG not allowed to enter port limit
 - ii. DG not allowed for any handling or storage
 - iii. Conditional acceptance - imposition of other regulatory requirements that must be complied with prior to accepting the DG into PTP
4. Declaration shall include the following:
 - i. IMDG Class
 - ii. UN Number
 - iii. Safety Data Sheet (SDS) - *for first time declaration or if deemed necessary to facilitate approval*
 - iv. Container number - *not required for pre-booking*
 - v. Volume or weight - *if available or deemed necessary to facilitate approval*
5. Declaration shall be made via email to:
 - i. sitinorhanihidayah.ismail@ptp.com.my
 - ii. ALLHSEASSURANCE@ptp.com.my
6. By default, DG is only allowed for storage in the container yard.

IMDG Class

- Class 1 – Explosives
- Class 2 – Gases
- Class 3 – Flammable liquids
- Class 4 – Flammable solids
- Class 5 – Oxidizing substances and organic peroxides
- Class 6 – Toxic and infectious substances
- Class 7 – Radioactive material
- Class 8 – Corrosive substances
- Class 9 – Miscellaneous dangerous substances and articles

Johor Port Authority (JPA) Group

The nine (9) classes of DG are categorized into three (3) Johor Port Authority Groups based on the UN number and risk level of the commodities:

JPA Group	Acceptance Details
JPA Group I (High Risk)	<ul style="list-style-type: none">▪ Vessel carrying JPA Group 1 cargo is not allowed to berth in PTP, except with written permission from both PTP and Johor Port Authority.▪ Discharge, storage, loading or any types of handling is not allowed in PTP port limit.
JPA Group II (Medium Risk)	<ul style="list-style-type: none">▪ Only permitted for direct loading (export), direct discharge (import) and vessel-to-vessel transit within 24 hours period.▪ Not allowed for storage in PTP, except with written permission from Johor Port Authority or PTP.▪ Requirements from the relevant authorities must be complied with.▪ DG which is listed in the PTP DG whitelist is allowed to be stored for five days maximum.
JPA Group III (Low risk)	<ul style="list-style-type: none">▪ Allowed for storage in PTP, subject to availability of storage space.▪ Requirements from the relevant authorities must be complied with.

To determine the JPA Group, please visit: https://www.lpjpcs.gov.my/pcslisting/list_dg.aspx
You will need to input the UN Number that can be found in the Safety Data Sheet (SDS).

IMDG Acceptance Table

The acceptance of DG cargo is summarized as follows:

IMDG Class		Johor Port Authority (JPA) Group	Allowable types of handling			Approving or Permit Issuing Parties				
			Yard Storage	Direct Loading / Direct Discharge	Transit (Vessel-to-vessel)	PTP	Johor Port Authority (JPA)	Ministry of International Trade & Industry (MITI)	Royal Police Malaysia (RPM)	Ministry of Health (MOH)
Class 1	1.1, 1.2, 1.3, 1.5	I	X	O	O	A	A	C	P	N
	1.3, 1.4, 1.6	II	O	/	/	A	A	C	P	N
	1.4	III	/	/	/	A	A	C	P	N
Class 2	2, 2.1, 2.2, 2.3	II	O	/	/	A	A	C	N	N
	2, 2.2	III	/	/	/	A	A	C	N	N
Class 3	3	II	O	/	/	A	A	C	N	N
	3	III	/	/	/	A	A	C	N	N
Class 4	4.1, 4.2, 4.3, 4.4	II	O	/	/	A	A	C	N	N
	4.1, 4.2	III	/	/	/	A	A	C	N	N
Class 5	5.1, 5.2	II	O	/	/	A	A	C	N	N
	5.1	III	/	/	/	A	A	C	N	N
Class 6	6.1	II	O	/	/	A	A	C	N	N
	6.1	III	/	/	/	A	A	C	N	N
	6.2	II	O	/	/	A	A	C	N	P
Class 7	7	II	X	X	X	N	N	N	N	N
Class 8	8	II	O	/	/	A	A	C	N	N
	8	III	/	/	/	A	A	C	N	N
Class 9	9	II	O	/	/	A	A	C	N	N
	9	III	/	/	/	A	A	C	N	N

Legend:

/ - Allowed

O - Subject to approval by PTP and JPA upon review of the SDS.

X - Not Allowed

A - Approving Party

P - Permit Issuing Party

C - Permit Issuing Party. Permit requirement based on commodity.

N - Party is not involved.

Penalties

Johor Port Authority (JPA) By-Law 2000

Fine not exceeding one thousand ringgit and in case of the continuing offence shall be liable to a daily fine of two hundred and fifty ringgit for each day. If the breach continues, shall be liable to the Authority in respect of any loss, injury or damage occasioned to it by such contravention.

*subject to the decision by Authority

Strategic Trade Act (STA) 2010

- With Intent

1. Resulting in Death: Death sentence; or Imprisonment: natural life; (body corporate: \geq RM 30 million)
2. Other Case: Imprisonment: \geq 10 years; or Fine: \geq RM10 million; or both; (body corporate: \geq RM20 million)

- Without Intent:

Imprisonment: \geq 5 years; or Fine: \geq RM5 million; or both; (body corporate: \geq RM10 million)

Key Contacts

DG Declaration, Acceptance Request & Enquiries:

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ALL HSE ASSURANCE	+6075042222	ALLHSEASSURANCE@ptp.com.my

References

JPA Grouping

https://www.lpjpcs.gov.my/pcslisting/list_dg.aspx

Strategic Trade Act (STA) by Ministry of International Trade and Industry

<http://www.miti.gov.my/index.php/pages/view/2581>

STA Online Application

<http://www.mytradelink.gov.my/web/guest/epermitstainfo>

Johor Port Authority (Tanjung Pelepas) By-Laws 2000

<http://www.lpj.gov.my/images/maklumat-am/4-arrangement-of-by-law.pdf>

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
0105		FUSE, SAFETY	1.4S	3	Unlimited
1002		AIR, COMPRESSED	2.2	3	Unlimited
1006		ARGON, COMPRESSED	2.2	3	Unlimited
1009		BROMOTRIFLUOROMETHANE (REFRIGERANT GAS R 13B1)	2.2	3	Unlimited
1013		CARBON DIOXIDE	2.2	3	Unlimited
1018		CHLORODIFLUOROMETHANE (REFRIGERANT GAS R 22)	2.2	3	Unlimited
1020		CHLOROPENTAFLUOROETHANE (REFRIGERANT GAS R 115)	2.2	3	Unlimited
1021		1-CHLORO-1,2,2,2-TETRAFLUOROETHANE (REFRIGERANT GAS R 124)	2.2	3	Unlimited
1022		CHLOROTRIFLUOROMETHANE (REFRIGERANT GAS R 13)	2.2	3	Unlimited
1028		DICHLORODIFLUOROMETHANE (REFRIGERANT GAS R 12)	2.2	3	Unlimited
1029		DICHLOROFLUOROMETHANE (REFRIGERANT GAS R 21)	2.2	3	Unlimited
1043		FERTILIZER AMMONIATING SOLUTION with free ammonia	2.2	3	Unlimited
1044		FIRE EXTINGUISHERS with compressed or liquefied gas	2.2	3	Unlimited
1056		KRYPTON, COMPRESSED	2.2	3	Unlimited
1058		LIQUEFIED GASES non-flammable, charged with nitrogen, carbon dioxide or air	2.2	3	Unlimited
1065		NEON, COMPRESSED	2.2	3	Unlimited
1066		NITROGEN, COMPRESSED	2.2	3	Unlimited
1078		REFRIGERANT GAS, N.O.S.	2.2	3	Unlimited
1080		SULPHUR HEXAFLUORIDE	2.2	3	Unlimited
1104	III	AMYL ACETATES	3	3	Unlimited
1105	II	PENTANOLS	3	3	Unlimited
1105	III	PENTANOLS	3	3	Unlimited
1109	III	AMYL FORMATES	3	3	Unlimited
1110	III	n-AMYL METHYL KETONE	3	3	Unlimited
1112	III	AMYL NITRATE	3	3	Unlimited
1120	II	BUTANOLS	3	3	Unlimited
1120	III	BUTANOLS	3	3	Unlimited
1123	II	BUTYL ACETATES	3	3	Unlimited
1123	III	BUTYL ACETATES	3	3	Unlimited
1126	II	1-BROMOBUTANE	3	3	Unlimited
1128	II	n-BUTYL FORMATE	3	3	Unlimited
1129	II	BUTYRALDEHYDE	3	3	Unlimited
1130	III	CAMPOR OIL	3	3	Unlimited
1133	II	ADHESIVES containing flammable liquid	3	3	Unlimited
1133	III	ADHESIVES containing flammable liquid	3	3	Unlimited
1134	III	CHLOROBENZENE	3	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
1136	II	COAL TAR DISTILLATES, FLAMMABLE	3	3	Unlimited
1136	III	COAL TAR DISTILLATES, FLAMMABLE	3	3	Unlimited
1139	II	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under-coating, drum or barrel lining)	3	3	Unlimited
1139	III	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under-coating, drum or barrel lining)	3	3	Unlimited
1147	III	DECAHYDRONAPHTHALENE	3	3	Unlimited
1148	II	DIACETONE ALCOHOL	3	3	Unlimited
1148	III	DIACETONE ALCOHOL	3	3	Unlimited
1149	III	DIBUTYL ETHERS	3	3	Unlimited
1150	II	1,2-DICHLOROETHYLENE	3	3	Unlimited
1152	III	DICHLOROPENTANES	3	3	Unlimited
1153	II	ETHYLENE GLYCOL DIETHYL ETHER	3	3	Unlimited
1153	III	ETHYLENE GLYCOL DIETHYL ETHER	3	3	Unlimited
1156	II	DIETHYL KETONE	3	3	Unlimited
1157	III	DIISOBUTYL KETONE	3	3	Unlimited
1161	II	DIMETHYL CARBONATE	3	3	Unlimited
1165	II	DIOXANE	3	3	Unlimited
1166	II	DIOXOLANE	3	3	Unlimited
1169	II	EXTRACTS, AROMATIC, LIQUID	3	3	Unlimited
1169	III	EXTRACTS, AROMATIC, LIQUID	3	3	Unlimited
1170	II	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	3	3	Unlimited
1170	III	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	3	3	Unlimited
1171	III	ETHYLENE GLYCOL MONOETHYL ETHER	3	3	Unlimited
1172	III	ETHYLENE GLYCOL MONOETHYL ETHER ACETATE	3	3	Unlimited
1173	II	ETHYL ACETATE	3	3	Unlimited
1175	II	ETHYLBENZENE	3	3	Unlimited
1176	II	ETHYL BORATE	3	3	Unlimited
1177	III	2-ETHYLBUTYL ACETATE	3	3	Unlimited
1178	II	2-ETHYLBUTYRALDEHYDE	3	3	Unlimited
1179	II	ETHYL BUTYL ETHER	3	3	Unlimited
1180	III	ETHYL BUTYRATE	3	3	Unlimited
1188	III	ETHYLENE GLYCOL MONOMETHYL ETHER	3	3	Unlimited
1189	III	ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE	3	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
1191	III	OCTYL ALDEHYDES	3	3	Unlimited
1192	III	ETHYL LACTATE	3	3	Unlimited
1193	II	ETHYL METHYL KETONE (METHYL ETHYL KETONE)	3	3	Unlimited
1195	II	ETHYL PROPIONATE	3	3	Unlimited
1197	II	EXTRACTS, FLAVOURING, LIQUID	3	3	Unlimited
1197	III	EXTRACTS, FLAVOURING, LIQUID	3	3	Unlimited
1201	II	FUSEL OIL	3	3	Unlimited
1201	III	FUSEL OIL	3	3	Unlimited
1202	III	GAS OIL or DIESEL FUEL or HEATING OIL, LIGHT	3	3	Unlimited
1206	II	HEPTANES	3	3	Unlimited
1207	III	HEXALDEHYDE	3	3	Unlimited
1210	II	PRINTING INK flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable	3	3	Unlimited
1210	III	PRINTING INK flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable	3	3	Unlimited
1212	III	ISOBUTANOL (ISOBUTYL ALCOHOL)	3	3	Unlimited
1213	II	ISOBUTYL ACETATE	3	3	Unlimited
1216	II	ISOOCTENES	3	3	Unlimited
1219	II	ISOPROPANOL (ISOPROPYL ALCOHOL)	3	3	Unlimited
1220	II	ISOPROPYL ACETATE	3	3	Unlimited
1223	III	KEROSENE	3	3	Unlimited
1229	III	MESITYL OXIDE	3	3	Unlimited
1231	II	METHYL ACETATE	3	3	Unlimited
1233	III	METHYLAMYL ACETATE	3	3	Unlimited
1237	II	METHYL BUTYRATE	3	3	Unlimited
1245	II	METHYL ISOBUTYL KETONE	3	3	Unlimited
1246	II	METHYL ISOPROPENYL KETONE, STABILIZED	3	3	Unlimited
1247	II	METHYL METHACRYLATE MONOMER, STABILIZED	3	3	Unlimited
1248	II	METHYL PROPIONATE	3	3	Unlimited
1249	II	METHYL PROPYL KETONE	3	3	Unlimited
1263	II	PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)	3	3	Unlimited
1263	III	PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)	3	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
1264	III	PARALDEHYDE	3	3	Unlimited
1266	II	PERFUMERY PRODUCTS with flammable solvents	3	3	Unlimited
1266	III	PERFUMERY PRODUCTS with flammable solvents	3	3	Unlimited
1267	II	PETROLEUM CRUDE OIL	3	3	Unlimited
1267	III	PETROLEUM CRUDE OIL	3	3	Unlimited
1268	II	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	3	Unlimited
1268	III	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	3	Unlimited
1272	III	PINE OIL	3	3	Unlimited
1274	II	n-PROPANOL (PROPYL ALCOHOL, NORMAL)	3	3	Unlimited
1274	III	n-PROPANOL (PROPYL ALCOHOL, NORMAL)	3	3	Unlimited
1276	II	n-PROPYL ACETATE	3	3	Unlimited
1279	II	1,2-DICHLOROPROPANE	3	3	Unlimited
1281	II	PROPYL FORMATES	3	3	Unlimited
1282	II	PYRIDINE	3	3	Unlimited
1286	II	ROSIN OIL	3	3	Unlimited
1286	III	ROSIN OIL	3	3	Unlimited
1287	II	RUBBER SOLUTION	3	3	Unlimited
1287	III	RUBBER SOLUTION	3	3	Unlimited
1288	II	SHALE OIL	3	3	Unlimited
1288	III	SHALE OIL	3	3	Unlimited
1292	III	TETRAETHYL SILICATE	3	3	Unlimited
1293	II	TINCTURES, MEDICINAL	3	3	Unlimited
1293	III	TINCTURES, MEDICINAL	3	3	Unlimited
1294	II	TOLUENE	3	3	Unlimited
1299	III	TURPENTINE	3	3	Unlimited
1300	II	TURPENTINE SUBSTITUTE	3	3	Unlimited
1300	III	TURPENTINE SUBSTITUTE	3	3	Unlimited
1301	II	VINYL ACETATE, STABILIZED	3	3	Unlimited
1306	II	WOOD PRESERVATIVES, LIQUID	3	3	Unlimited
1306	III	WOOD PRESERVATIVES, LIQUID	3	3	Unlimited
1307	II	XYLENES	3	3	Unlimited
1307	III	XYLENES	3	3	Unlimited
1308	III	ZIRCONIUM, SUSPENDED IN A FLAMMABLE LIQUID	3	3	Unlimited
1312	III	BORNEOL	4.1	3	Unlimited
1313	III	CALCIUM RESINATE	4.1	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
1314	III	CALCIUM RESINATE, FUSED	4.1	3	Unlimited
1318	III	COBALT RESINATE, PRECIPITATED	4.1	3	Unlimited
1323	II	FERROCERIUM	4.1	3	Unlimited
1324	III	FILMS, NITROCELLULOSE BASE gelatin coated, except scrap	4.1	3	Unlimited
1327		HAY, STRAW or BHUSA	4.1	3	Unlimited
1328	III	HEXAMETHYLENETETRAMINE	4.1	3	Unlimited
1330	III	MANGANESE RESINATE	4.1	3	Unlimited
1332	III	METALDEHYDE	4.1	3	Unlimited
1334	III	NAPHTHALENE, CRUDE or NAPHTHALENE, REFINED	4.1	3	Unlimited
1345	II	RUBBER SCRAP powdered or granulated, not exceeding 840 microns and rubber content exceeding 45% or RUBBER SHODDY powdered or granulated, not exceeding 840 microns and rubber content exceeding 45%	4.1	3	Unlimited
1346	III	SILICON POWDER, AMORPHOUS	4.1	3	Unlimited
1352	II	TITANIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns	4.1	3	Unlimited
1353	III	FIBRES or FABRICS IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.	4.1	3	Unlimited
1361	II	CARBON animal or vegetable origin	4.2	3	Unlimited
1361	III	CARBON animal or vegetable origin	4.2	3	Unlimited
1362	III	CARBON, ACTIVATED	4.2	3	Unlimited
1363	III	COPRA	4.2	3	Unlimited
1364	III	COTTON WASTE, OILY	4.2	3	Unlimited
1365	III	COTTON, WET	4.2	3	Unlimited
1372	III	FIBRES ANIMAL or FIBRES VEGETABLE burnt, wet or damp	4.2	3	Unlimited
1373	III	FIBRES or FABRICS, ANIMAL or VEGETABLE or SYNTHETIC, N.O.S. with oil	4.2	3	Unlimited
1374	III	FISHMEAL, UNSTABILIZED or FISHSCRAP, UNSTABILIZED Not anti-oxidant treated. Moisture content: more than 5% but not more than 12%, by mass. Fat content: not more than 12%, by mass	4.2	3	Unlimited
1379	III	PAPER, UNSATURATED OIL TREATED incompletely dried (including carbon paper)	4.2	3	Unlimited
1386	III	SEED CAKE containing vegetable oil (a) mechanically expelled seeds, containing more than 10% oil or more than 20% oil and moisture combined	4.2	3	Unlimited
1386	III	SEED CAKE containing vegetable oil (b) solvent extractions and expelled seeds, containing not more than 10% of oil and when the amount of moisture is higher than 10%, not more than 20% of oil and moisture combined	4.2	3	Unlimited
1387	III	WOOL WASTE, WET	4.2	3	Unlimited
1438	III	ALUMINIUM NITRATE	5.1	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
1439	II	AMMONIUM DICHROMATE	5.1	3	Unlimited
1444	III	AMMONIUM PERSULPHATE	5.1	3	Unlimited
1451	III	CAESIUM NITRATE	5.1	3	Unlimited
1454	III	CALCIUM NITRATE	5.1	3	Unlimited
1465	III	DIDYMIUM NITRATE	5.1	3	Unlimited
1466	III	FERRIC NITRATE	5.1	3	Unlimited
1474	III	MAGNESIUM NITRATE	5.1	3	Unlimited
1486	III	POTASSIUM NITRATE	5.1	3	Unlimited
1488	II	POTASSIUM NITRITE	5.1	3	Unlimited
1492	III	POTASSIUM PERSULPHATE	5.1	3	Unlimited
1493	II	SILVER NITRATE	5.1	3	Unlimited
1498	III	SODIUM NITRATE	5.1	3	Unlimited
1499	III	SODIUM NITRATE AND POTASSIUM NITRATE MIXTURE	5.1	3	Unlimited
1505	III	SODIUM PERSULPHATE	5.1	3	Unlimited
1507	III	STRONTIUM NITRATE	5.1	3	Unlimited
1514	II	ZINC NITRATE	5.1	3	Unlimited
1544	III	ALKALOIDS, SOLID, N.O.S. or ALKALOIDS SALTS, SOLID, N.O.S.	6.1	3	Unlimited
1546	II	AMMONIUM ARSENATE	6.1	3	Unlimited
1547	II	ANILINE	6.1	3	Unlimited
1548	III	ANILINE HYDROCHLORIDE	6.1	3	Unlimited
1549	III	ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S.	6.1	3	Unlimited
1550	III	ANTIMONY LACTATE	6.1	3	Unlimited
1551	III	ANTIMONY POTASSIUM TARTRATE	6.1	3	Unlimited
1556	III	ARSENIC COMPOUND, LIQUID, N.O.S. inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s., and Arsenic sulphides, n.o.s.	6.1	3	Unlimited
1557	III	ARSENIC COMPOUND, SOLID, N.O.S. inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1	3	Unlimited
1559	II	ARSENIC PENTOXIDE	6.1	3	Unlimited
1564	II	BARIUM COMPOUND, N.O.S.	6.1	3	Unlimited
1564	III	BARIUM COMPOUND, N.O.S.	6.1	3	Unlimited
1572	II	CACODYLIC ACID	6.1	3	Unlimited
1573	II	CALCIUM ARSENATE	6.1	3	Unlimited
1574	II	CALCIUM ARSENATE AND CALCIUM ARSENITE MIXTURE, SOLID	6.1	3	Unlimited
1578	II	CHLORONITROBENZENES, SOLID	6.1	3	Unlimited
1579	III	4-CHLORO-o-TOLUIDINE HYDROCHLORIDE, SOLID	6.1	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
1583	III	CHLOROPICRIN MIXTURE, N.O.S.	6.1	3	Unlimited
1585	II	COPPER ACETOARSENITE	6.1	3	Unlimited
1586	II	COPPER ARSENITE	6.1	3	Unlimited
1588	III	CYANIDES, INORGANIC, SOLID, N.O.S.	6.1	3	Unlimited
1590	II	DICHLOROANILINES, LIQUID	6.1	3	Unlimited
1591	III	o-DICHLOROBENZENE	6.1	3	Unlimited
1593	III	DICHLOROMETHANE	6.1	3	Unlimited
1594	II	DIETHYL SULPHATE	6.1	3	Unlimited
1596	II	DINITROANILINES	6.1	3	Unlimited
1597	II	DINITROBENZENES, LIQUID	6.1	3	Unlimited
1597	III	DINITROBENZENES, LIQUID	6.1	3	Unlimited
1599	II	DINITROPHENOL SOLUTION	6.1	3	Unlimited
1599	III	DINITROPHENOL SOLUTION	6.1	3	Unlimited
1601	II	DISINFECTANT, SOLID, TOXIC, N.O.S.	6.1	3	Unlimited
1601	III	DISINFECTANT, SOLID, TOXIC, N.O.S.	6.1	3	Unlimited
1602	II	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.	6.1	3	Unlimited
1602	III	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.	6.1	3	Unlimited
1606	II	FERRIC ARSENATE	6.1	3	Unlimited
1607	II	FERRIC ARSENITE	6.1	3	Unlimited
1608	II	FERROUS ARSENATE	6.1	3	Unlimited
1611	II	HEXAETHYL TETRAPHOSPHATE	6.1	3	Unlimited
1616	III	LEAD ACETATE	6.1	3	Unlimited
1617	II	LEAD ARSENATES	6.1	3	Unlimited
1618	II	LEAD ARSENITES	6.1	3	Unlimited
1621	II	LONDON PURPLE	6.1	3	Unlimited
1622	II	MAGNESIUM ARSENATE	6.1	3	Unlimited
1623	II	MERCURIC ARSENATE	6.1	3	Unlimited
1624	II	MERCURIC CHLORIDE	6.1	3	Unlimited
1625	II	MERCURIC NITRATE	6.1	3	Unlimited
1627	II	MERCUROUS NITRATE	6.1	3	Unlimited
1629	II	MERCURY ACETATE	6.1	3	Unlimited
1630	II	MERCURY AMMONIUM CHLORIDE	6.1	3	Unlimited
1631	II	MERCURY BENZOATE	6.1	3	Unlimited
1634	II	MERCURY BROMIDES	6.1	3	Unlimited
1637	II	MERCURY GLUCONATE	6.1	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
1638	II	MERCURY IODIDE	6.1	3	Unlimited
1639	II	MERCURY NUCLEATE	6.1	3	Unlimited
1640	II	MERCURY OLEATE	6.1	3	Unlimited
1641	II	MERCURY OXIDE	6.1	3	Unlimited
1643	II	MERCURY POTASSIUM IODIDE	6.1	3	Unlimited
1644	II	MERCURY SALICYLATE	6.1	3	Unlimited
1645	II	MERCURY SULPHATE	6.1	3	Unlimited
1646	II	MERCURY THIOCYANATE	6.1	3	Unlimited
1650	II	beta-NAPHTHYLAMINE, SOLID	6.1	3	Unlimited
1651	II	NAPHTHYLTHIOUREA	6.1	3	Unlimited
1652	II	NAPHTHYLUREA	6.1	3	Unlimited
1654	II	NICOTINE	6.1	3	Unlimited
1655	II	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.	6.1	3	Unlimited
1655	III	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.	6.1	3	Unlimited
1656	II	NICOTINE HYDROCHLORIDE, LIQUID or SOLUTION	6.1	3	Unlimited
1656	III	NICOTINE HYDROCHLORIDE, LIQUID or SOLUTION	6.1	3	Unlimited
1657	II	NICOTINE SALICYLATE	6.1	3	Unlimited
1658	II	NICOTINE SULPHATE SOLUTION	6.1	3	Unlimited
1658	III	NICOTINE SULPHATE SOLUTION	6.1	3	Unlimited
1659	II	NICOTINE TARTRATE	6.1	3	Unlimited
1661	II	NITROANILINES (o-, m-, p-)	6.1	3	Unlimited
1662	II	NITROBENZENE	6.1	3	Unlimited
1663	III	NITROPHENOLS (o-, m-, p-)	6.1	3	Unlimited
1664	II	NITROTOLUENES, LIQUID	6.1	3	Unlimited
1665	II	NITROXYLENES, LIQUID	6.1	3	Unlimited
1669	II	PENTACHLOROETHANE	6.1	3	Unlimited
1671	II	PHENOL, SOLID	6.1	3	Unlimited
1673	III	PHENYLENEDIAMINES (o-, m-, p-)	6.1	3	Unlimited
1674	II	PHENYLMERCURIC ACETATE	6.1	3	Unlimited
1677	II	POTASSIUM ARSENATE	6.1	3	Unlimited
1678	II	POTASSIUM ARSENITE	6.1	3	Unlimited
1683	II	SILVER ARSENITE	6.1	3	Unlimited
1685	II	SODIUM ARSENATE	6.1	3	Unlimited
1686	II	SODIUM ARSENITE, AQUEOUS SOLUTION	6.1	3	Unlimited
1686	III	SODIUM ARSENITE, AQUEOUS SOLUTION	6.1	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
1688	II	SODIUM CACODYLATE	6.1	3	Unlimited
1691	II	STRONTIUM ARSENITE	6.1	3	Unlimited
1701	II	XYLYL BROMIDE, LIQUID	6.1	3	Unlimited
1702	II	1,1,2-TETRACHLOROETHANE	6.1	3	Unlimited
1708	II	TOLUIDINES, LIQUID	6.1	3	Unlimited
1709	III	2,4-TOLUYLENEDIAMINE, SOLID	6.1	3	Unlimited
1710	III	TRICHLOROETHYLENE	6.1	3	Unlimited
1711	II	XYLIDINES, LIQUID	6.1	3	Unlimited
1712	II	ZINC ARSENATE or ZINC ARSENITE or ZINC ARSENATE, ZINC ARSENITE MIXTURE	6.1	3	Unlimited
1718	III	BUTYL ACID PHOSPHATE	8	3	Unlimited
1719	II	CAUSTIC ALKALI LIQUID, N.O.S.	8	3	Unlimited
1719	III	CAUSTIC ALKALI LIQUID, N.O.S.	8	3	Unlimited
1731	II	ANTIMONY PENTACHLORIDE SOLUTION	8	3	Unlimited
1731	III	ANTIMONY PENTACHLORIDE SOLUTION	8	3	Unlimited
1733	II	ANTIMONY TRICHLORIDE	8	3	Unlimited
1742	II	BORON TRIFLUORIDE ACETIC ACID COMPLEX, LIQUID	8	3	Unlimited
1743	II	BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, LIQUID	8	3	Unlimited
1756	II	CHROMIC FLUORIDE, SOLID	8	3	Unlimited
1757	II	CHROMIC FLUORIDE SOLUTION	8	3	Unlimited
1757	III	CHROMIC FLUORIDE SOLUTION	8	3	Unlimited
1759	II	CORROSIVE SOLID, N.O.S.	8	3	Unlimited
1759	III	CORROSIVE SOLID, N.O.S.	8	3	Unlimited
1760	II	CORROSIVE LIQUID, N.O.S.	8	3	Unlimited
1760	III	CORROSIVE LIQUID, N.O.S.	8	3	Unlimited
1764	II	DICHLOROACETIC ACID	8	3	Unlimited
1768	II	DIFLUOROPHOSPHORIC ACID, ANHYDROUS	8	3	Unlimited
1770	II	DIPHENYLMETHYL BROMIDE	8	3	Unlimited
1773	III	FERRIC CHLORIDE, ANHYDROUS	8	3	Unlimited
1774	II	FIRE EXTINGUISHER CHARGES corrosive liquid	8	3	Unlimited
1775	II	FLUOROBORIC ACID	8	3	Unlimited
1776	II	FLUOROPHOSPHORIC ACID, ANHYDROUS	8	3	Unlimited
1778	II	FLUOROSILICIC ACID	8	3	Unlimited
1782	II	HEXAFLUOROPHOSPHORIC ACID	8	3	Unlimited
1783	II	HEXAMETHYLENEDIAMINE SOLUTION	8	3	Unlimited
1783	III	HEXAMETHYLENEDIAMINE SOLUTION	8	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
1787	II	HYDRIODIC ACID	8	3	Unlimited
1787	III	HYDRIODIC ACID	8	3	Unlimited
1788	II	HYDROBROMIC ACID	8	3	Unlimited
1788	III	HYDROBROMIC ACID	8	3	Unlimited
1789	II	HYDROCHLORIC ACID	8	3	Unlimited
1789	III	HYDROCHLORIC ACID	8	3	Unlimited
1791	II	HYPOCHLORITE SOLUTION	8	3	Unlimited
1791	III	HYPOCHLORITE SOLUTION	8	3	Unlimited
1793	III	ISOPROPYL ACID PHOSPHATE	8	3	Unlimited
1794	II	LEAD SULPHATE with more than 3% free acid	8	3	Unlimited
1803	II	PHENOLSULPHONIC ACID, LIQUID	8	3	Unlimited
1805	III	PHOSPHORIC ACID SOLUTION	8	3	Unlimited
1812	III	POTASSIUM FLUORIDE, SOLID	6.1	3	Unlimited
1813	II	POTASSIUM HYDROXIDE, SOLID	8	3	Unlimited
1814	II	POTASSIUM HYDROXIDE SOLUTION	8	3	Unlimited
1814	III	POTASSIUM HYDROXIDE SOLUTION	8	3	Unlimited
1819	II	SODIUM ALUMINATE SOLUTION	8	3	Unlimited
1819	III	SODIUM ALUMINATE SOLUTION	8	3	Unlimited
1823	II	SODIUM HYDROXIDE, SOLID	8	3	Unlimited
1824	II	SODIUM HYDROXIDE SOLUTION	8	3	Unlimited
1824	III	SODIUM HYDROXIDE SOLUTION	8	3	Unlimited
1827	II	STANNIC CHLORIDE, ANHYDROUS	8	3	Unlimited
1830	II	SULPHURIC ACID with more than 51% acid	8	3	Unlimited
1833	II	SULPHUROUS ACID	8	3	Unlimited
1835	II	TETRAMETHYLAMMONIUM HYDROXIDE SOLUTION	8	3	Unlimited
1835	III	TETRAMETHYLAMMONIUM HYDROXIDE SOLUTION	8	3	Unlimited
1839	II	TRICHLOROACETIC ACID, SOLID	8	3	Unlimited
1840	III	ZINC CHLORIDE SOLUTION	8	3	Unlimited
1841	III	ACETALDEHYDE AMMONIA	9	3	Unlimited
1845		CARBON DIOXIDE, SOLID (DRY ICE)	9	3	Unlimited
1846	II	CARBON TETRACHLORIDE	6.1	3	Unlimited
1847	II	POTASSIUM SULPHIDE, HYDRATED with not less than 30% water of crystallization	8	3	Unlimited
1848	III	PROPIONIC ACID with not less than 10% and less than 90% acid, by mass	8	3	Unlimited
1851	II	MEDICINE, LIQUID, TOXIC, N.O.S.	6.1	3	Unlimited
1851	III	MEDICINE, LIQUID, TOXIC, N.O.S.	6.1	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
1856		RAGS, OILY	4.2	3	Unlimited
1857	III	TEXTILE WASTE, WET	4.2	3	Unlimited
1858		HEXAFLUOROPROPYLENE (REFRIGERANT GAS R 1216)	2.2	3	Unlimited
1862	II	ETHYL CROTONATE	3	3	Unlimited
1863	II	FUEL, AVIATION, TURBINE ENGINE	3	3	Unlimited
1863	III	FUEL, AVIATION, TURBINE ENGINE	3	3	Unlimited
1866	II	RESIN SOLUTION flammable	3	3	Unlimited
1866	III	RESIN SOLUTION flammable	3	3	Unlimited
1872	III	LEAD DIOXIDE	5.1	3	Unlimited
1884	III	BARIUM OXIDE	6.1	3	Unlimited
1885	II	BENZIDINE	6.1	3	Unlimited
1886	II	BENZYLIDENE CHLORIDE	6.1	3	Unlimited
1887	III	BROMOCHLOROMETHANE	6.1	3	Unlimited
1888	III	CHLOROFORM	6.1	3	Unlimited
1894	II	PHENYLMERCURIC HYDROXIDE	6.1	3	Unlimited
1895	II	PHENYLMERCURIC NITRATE	6.1	3	Unlimited
1897	III	TETRACHLOROETHYLENE	6.1	3	Unlimited
1902	III	DIISOCTYL ACID PHOSPHATE	8	3	Unlimited
1903	II	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8	3	Unlimited
1903	III	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8	3	Unlimited
1907	III	SODA LIME with more than 4% sodium hydroxide	8	3	Unlimited
1908	II	CHLORITE SOLUTION	8	3	Unlimited
1908	III	CHLORITE SOLUTION	8	3	Unlimited
1913		NEON, REFRIGERATED LIQUID	2.2	3	Unlimited
1914	III	BUTYL PROPIONATES	3	3	Unlimited
1915	III	CYCLOHEXANONE	3	3	Unlimited
1917	II	ETHYL ACRYLATE, STABILIZED	3	3	Unlimited
1918	III	ISOPROPYLBENZENE	3	3	Unlimited
1919	II	METHYL ACRYLATE, STABILIZED	3	3	Unlimited
1920	III	NONANES	3	3	Unlimited
1931	III	ZINC DITHIONITE (ZINC HYDROSULPHITE)	9	3	Unlimited
1935	III	CYANIDE SOLUTION, N.O.S.	6.1	3	Unlimited
1938	II	BROMOACETIC ACID SOLUTION	8	3	Unlimited
1938	III	BROMOACETIC ACID SOLUTION	8	3	Unlimited
1940	II	THIOGLYCOLIC ACID	8	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
1941	III	DIBROMODIFLUOROMETHANE	9	3	Unlimited
1944	III	MATCHES, SAFETY (book, card or strike on box)	4.1	3	Unlimited
1945	III	MATCHES, WAX 'VESTA'	4.1	3	Unlimited
1950		AEROSOLS	2	3	Unlimited
1951		ARGON, REFRIGERATED LIQUID	2.2	3	Unlimited
1952		ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with not more than 9% ethylene oxide	2.2	3	Unlimited
1956		COMPRESSED GAS, N.O.S.	2.2	3	Unlimited
1958		1,2-DICHLORO-1,1,2,2-TETRAFLUROETHANE (REFRIGERANT GAS R 114)	2.2	3	Unlimited
1963		HELIUM, REFRIGERATED LIQUID	2.2	3	Unlimited
1968		INSECTICIDE GAS, N.O.S.	2.2	3	Unlimited
1970		KRYPTON, REFRIGERATED LIQUID	2.2	3	Unlimited
1973		CHLORODIFLUOROMETHANE AND CHLOROPENTAFLUROETHANE MIXTURE with a fixed boiling point, with approximately 49% chlorodifluoromethane (REFRIGERANT GAS R 502)	2.2	3	Unlimited
1974		CHLORODIFLUOROBROMOMETHANE (REFRIGERANT GAS R 12B1)	2.2	3	Unlimited
1976		OCTAFLUROCYCLOBUTANE (REFRIGERANT GAS RC 318)	2.2	3	Unlimited
1977		NITROGEN, REFRIGERATED LIQUID	2.2	3	Unlimited
1982		TETRAFLUROMETHANE (REFRIGERANT GAS R 14)	2.2	3	Unlimited
1983		1-CHLORO-2,2,2-TRIFLUOROETHANE (REFRIGERANT GAS R 133a)	2.2	3	Unlimited
1984		TRIFLUOROMETHANE (REFRIGERANT GAS R 23)	2.2	3	Unlimited
1989	II	ALDEHYDES, N.O.S.	3	3	Unlimited
1989	III	ALDEHYDES, N.O.S.	3	3	Unlimited
1990	III	BENZALDEHYDE	9	3	Unlimited
1999	II	TARS, LIQUID including road oils, and cutback bitumens	3	3	Unlimited
1999	III	TARS, LIQUID including road oils, and cutback bitumens	3	3	Unlimited
2000	III	CELLULOID in block, rods, rolls, sheets, tubes, etc., except scrap	4.1	3	Unlimited
2001	III	COBALT NAPHTHENATES, POWDER	4.1	3	Unlimited
2018	II	CHLOROANILINES, SOLID	6.1	3	Unlimited
2019	II	CHLOROANILINES, LIQUID	6.1	3	Unlimited
2020	III	CHLOROPHENOLS, SOLID	6.1	3	Unlimited
2021	III	CHLOROPHENOLS, LIQUID	6.1	3	Unlimited
2024	II	MERCURY COMPOUND, LIQUID, N.O.S.	6.1	3	Unlimited
2024	III	MERCURY COMPOUND, LIQUID, N.O.S.	6.1	3	Unlimited
2025	II	MERCURY COMPOUND, SOLID, N.O.S.	6.1	3	Unlimited
2025	III	MERCURY COMPOUND, SOLID, N.O.S.	6.1	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
2026	III	PHENYLMERCURIC COMPOUND, N.O.S.	6.1	3	Unlimited
2027	II	SODIUM ARSENITE, SOLID	6.1	3	Unlimited
2036		XENON	2.2	3	Unlimited
2037		RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non refillable	2	3	Unlimited
2038	II	DINITROTOLUENES, LIQUID	6.1	3	Unlimited
2046	III	CYMENES	3	3	Unlimited
2047	III	DICHLOROPROPENES	3	3	Unlimited
2048	III	DICYCLOPENTADIENE	3	3	Unlimited
2049	III	DIETHYLBENZENE	3	3	Unlimited
2050	II	DIISOBUTYLENES, ISOMERIC COMPOUNDS	3	3	Unlimited
2052	III	DIPENTENE	3	3	Unlimited
2053	III	METHYL ISOBUTYL CARBINOL	3	3	Unlimited
2055	III	STYRENE MONOMER, STABILIZED	3	3	Unlimited
2057	II	TRIPROPYLENE	3	3	Unlimited
2057	III	TRIPROPYLENE	3	3	Unlimited
2058	II	VALERALDEHYDE	3	3	Unlimited
2059	III	NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose	3	3	Unlimited
2071	III	AMMONIUM NITRATE BASED FERTILIZER	9	3	Unlimited
2073		AMMONIA SOLUTION relative density less than 0.880 at 15°C in water, with more than 35% but not more than 50% ammonia	2.2	3	Unlimited
2074	III	ACRYLAMIDE, SOLID	6.1	3	Unlimited
2077	III	alpha-NAPHTHYLAMINE	6.1	3	Unlimited
2079	II	DIETHYLENETRIAMINE	8	3	Unlimited
2187		CARBON DIOXIDE, REFRIGERATED LIQUID	2.2	3	Unlimited
2193		HEXAFLUOROETHANE (REFRIGERANT GAS R 116)	2.2	3	Unlimited
2205	III	ADIPONITRILE	6.1	3	Unlimited
2209	III	FORMALDEHYDE SOLUTION with not less than 25% formaldehyde	8	3	Unlimited
2212	II	ASBESTOS, AMPHIBOLE (amosite, tremolite, actinolite, anthophyllite, crocidolite)	9	3	Unlimited
2213	III	PARAFORMALDEHYDE	4.1	3	Unlimited
2214	III	PHTHALIC ANHYDRIDE with more than 0.05% of maleic anhydride	8	3	Unlimited
2215	III	MALEIC ANHYDRIDE, MOLTEN	8	3	Unlimited
2215	III	MALEIC ANHYDRIDE	8	3	Unlimited
2216	III	FISHMEAL (FISHSCRAP), STABILIZED Anti-oxidant treated. Moisture content greater than 5% but not exceeding 12%, by mass. Fat content not more than 15%	9	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
2217	III	SEED CAKE with not more than 1.5% oil and not more than 11% moisture	4.2	3	Unlimited
2219	III	ALLYL GLYCIDYL ETHER	3	3	Unlimited
2222	III	ANISOLE	3	3	Unlimited
2224	II	BENZONITRILE	6.1	3	Unlimited
2225	III	BENZENESULPHONYL CHLORIDE	8	3	Unlimited
2227	III	n-BUTYL METHACRYLATE, STABILIZED	3	3	Unlimited
2233	III	CHLOROANISIDINES	6.1	3	Unlimited
2234	III	CHLOROBENZOTRIFLUORIDES	3	3	Unlimited
2235	III	CHLOROBENZYL CHLORIDES, LIQUID	6.1	3	Unlimited
2236	II	3-CHLORO-4-METHYLPHENYLISOCYANATE, LIQUID	6.1	3	Unlimited
2237	III	CHLORONITROANILINES	6.1	3	Unlimited
2238	III	CHLOROTOLUENES	3	3	Unlimited
2239	III	CHLOROTOLUIDINES, SOLID	6.1	3	Unlimited
2241	II	CYCLOHEPTANE	3	3	Unlimited
2242	II	CYCLOHEPTENE	3	3	Unlimited
2243	III	CYCLOHEXYL ACETATE	3	3	Unlimited
2244	III	CYCLOPENTANOL	3	3	Unlimited
2245	III	CYCLOPENTANONE	3	3	Unlimited
2247	III	n-DECANE	3	3	Unlimited
2252	II	1,2-DIMETHOXYETHANE	3	3	Unlimited
2253	II	N,N-DIMETHYLANILINE	6.1	3	Unlimited
2254	III	MATCHES, FUSEE	4.1	3	Unlimited
2256	II	CYCLOHEXENE	3	3	Unlimited
2259	II	TRIETHYLENETETRAMINE	8	3	Unlimited
2261	II	XYLENOLS, SOLID	6.1	3	Unlimited
2263	II	DIMETHYLCYCLOHEXANES	3	3	Unlimited
2265	III	N,N-DIMETHYLFORMAMIDE	3	3	Unlimited
2269	III	3,3'-IMINODIPROPYLAMINE	8	3	Unlimited
2271	III	ETHYL AMYL KETONES	3	3	Unlimited
2272	III	N-ETHYLANILINE	6.1	3	Unlimited
2273	III	2-ETHYLANILINE	6.1	3	Unlimited
2274	III	N-ETHYL-N-BENZYLANILINE	6.1	3	Unlimited
2275	III	2-ETHYLBUTANOL	3	3	Unlimited
2277	II	ETHYL METHACRYLATE, STABILIZED	3	3	Unlimited
2278	II	n-HEPTENE	3	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
2279	III	HEXACHLOROBUTADIENE	6.1	3	Unlimited
2281	II	HEXAMETHYLENE DIISOCYANATE	6.1	3	Unlimited
2282	III	HEXANOLS	3	3	Unlimited
2283	III	ISOBUTYL METHACRYLATE, STABILIZED	3	3	Unlimited
2286	III	PENTAMETHYLHEPTANE	3	3	Unlimited
2289	III	ISOPHORONEDIAMINE	8	3	Unlimited
2290	III	ISOPHORONE DIISOCYANATE	6.1	3	Unlimited
2291	III	LEAD COMPOUND, SOLUBLE, N.O.S.	6.1	3	Unlimited
2293	III	4-METHOXY-4-METHYLPENTAN-2-ONE	3	3	Unlimited
2294	III	N-METHYLANILINE	6.1	3	Unlimited
2296	II	METHYLCYCLOHEXANE	3	3	Unlimited
2297	III	METHYLCYCLOHEXANONE	3	3	Unlimited
2299	III	METHYL DICHLOROACETATE	6.1	3	Unlimited
2300	III	2-METHYL-5-ETHYLPYRIDINE	6.1	3	Unlimited
2302	III	5-METHYLHEXAN-2-ONE	3	3	Unlimited
2303	III	ISOPROPENYLBENZENE	3	3	Unlimited
2305	II	NITROBENZENESULPHONIC ACID	8	3	Unlimited
2306	II	NITROBENZOTRIFLUORIDES, LIQUID	6.1	3	Unlimited
2307	II	3-NITRO-4-CHLOROBENZOTRIFLUORIDE	6.1	3	Unlimited
2309	II	OCTADIENE	3	3	Unlimited
2311	III	PHENETIDINES	6.1	3	Unlimited
2312	II	PHENOL, MOLTEN	6.1	3	Unlimited
2313	III	PICOLINES	3	3	Unlimited
2315	II	POLYCHLORINATED BIPHENYLS, LIQUID	9	3	Unlimited
2318	II	SODIUM HYDROSULPHIDE with less than 25% water of crystallization	4.2	3	Unlimited
2319	III	TERPENE HYDROCARBONS, N.O.S.	3	3	Unlimited
2320	III	TETRAETHYLENEPENTAMINE	8	3	Unlimited
2324	III	TRIIISOBTYLENE	3	3	Unlimited
2325	III	1,3,5-TRIMETHYLBENZENE	3	3	Unlimited
2326	III	TRIMETHYLCYCLOHEXYLAMINE	8	3	Unlimited
2327	III	TRIMETHYLHEXAMETHYLENEDIAMINES	8	3	Unlimited
2328	III	TRIMETHYLHEXAMETHYLENE DIISOCYANATE	6.1	3	Unlimited
2330	III	UNDECANE	3	3	Unlimited
2331	III	ZINC CHLORIDE, ANHYDROUS	8	3	Unlimited
2332	III	ACETALDEHYDE OXIME	3	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
2340	II	2-BROMOETHYL ETHYL ETHER	3	3	Unlimited
2341	III	1-BROMO-3-METHYLBUTANE	3	3	Unlimited
2344	II	BROMOPROPANES	3	3	Unlimited
2344	III	BROMOPROPANES	3	3	Unlimited
2346	II	BUTANEDIONE	3	3	Unlimited
2348	III	BUTYL ACRYLATES, STABILIZED	3	3	Unlimited
2350	II	BUTYL METHYL ETHER	3	3	Unlimited
2351	III	BUTYL NITRITES	3	3	Unlimited
2358	II	CYCLOOCTATETRAENE	3	3	Unlimited
2364	III	n-PROPYLBENZENE	3	3	Unlimited
2366	III	DIETHYL CARBONATE	3	3	Unlimited
2367	II	alpha-METHYLVALERALDEHYDE	3	3	Unlimited
2368	III	alpha-PINENE	3	3	Unlimited
2372	II	1,2-DI(DIMETHYLAMINO)ETHANE	3	3	Unlimited
2374	II	3,3-DIETHOXYPROPENE	3	3	Unlimited
2380	II	DIMETHYLDIETHOXSILANE	3	3	Unlimited
2385	II	ETHYL ISOBUTYRATE	3	3	Unlimited
2388	II	FLUOROTOLUENES	3	3	Unlimited
2390	II	2-IODOBUTANE	3	3	Unlimited
2391	II	IODOMETHYLPROPANES	3	3	Unlimited
2392	III	IODOPROPANES	3	3	Unlimited
2393	II	ISOBUTYL FORMATE	3	3	Unlimited
2394	III	ISOBUTYL PROPIONATE	3	3	Unlimited
2397	II	3-METHYLBUTAN-2-ONE	3	3	Unlimited
2400	II	METHYL ISOVALERATE	3	3	Unlimited
2403	II	ISOPROPENYL ACETATE	3	3	Unlimited
2405	III	ISOPROPYL BUTYRATE	3	3	Unlimited
2406	II	ISOPROPYL ISOBUTYRATE	3	3	Unlimited
2409	II	ISOPROPYL PROPIONATE	3	3	Unlimited
2410	II	1,2,3,6-TETRAHYDROPYRIDINE	3	3	Unlimited
2412	II	TETRAHYDROTHIOPHENE	3	3	Unlimited
2413	III	TETRAPROPYL ORTHOTITANATE	3	3	Unlimited
2414	II	THIOPHENE	3	3	Unlimited
2422		OCTAFLUOROBUT-2-ENE (REFRIGERANT GAS R 1318)	2.2	3	Unlimited
2424		OCTAFLUOROPROPANE (REFRIGERANT GAS R 218)	2.2	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
2430	II	ALKYLPHENOLS, SOLID, N.O.S. (including C2-C12 homologues)	8	3	Unlimited
2430	III	ALKYLPHENOLS, SOLID, N.O.S. (including C2-C12 homologues)	8	3	Unlimited
2431	III	ANISIDINES	6.1	3	Unlimited
2432	III	N,N-DIETHYLANILINE	6.1	3	Unlimited
2433	III	CHLORONITROTOLUENES, LIQUID	6.1	3	Unlimited
2436	II	THIOACETIC ACID	3	3	Unlimited
2440	III	STANNIC CHLORIDE PENTAHYDRATE	8	3	Unlimited
2443	II	VANADIUM OXYTRICHLORIDE	8	3	Unlimited
2446	III	NITROCRESOLS, SOLID	6.1	3	Unlimited
2448	III	SULPHUR, MOLTEN	4.1	3	Unlimited
2455		METHYL NITRITE	2.2	3	Unlimited
2470	III	PHENYLACETONITRILE, LIQUID	6.1	3	Unlimited
2473	III	SODIUM ARSANILATE	6.1	3	Unlimited
2475	III	VANADIUM TRICHLORIDE	8	3	Unlimited
2490	II	DICHLOROISOPROPYL ETHER	6.1	3	Unlimited
2491	III	ETHANOLAMINE or ETHANOLAMINE SOLUTION	8	3	Unlimited
2496	III	PROPIONIC ANHYDRIDE	8	3	Unlimited
2498	III	1,2,3,6-TETRAHYDROBENZALDEHYDE	3	3	Unlimited
2501	II	TRIS-(1-AZIRIDINYL) PHOSPHINE OXIDE SOLUTION	6.1	3	Unlimited
2501	III	TRIS-(1-AZIRIDINYL) PHOSPHINE OXIDE SOLUTION	6.1	3	Unlimited
2504	III	TETRABROMOETHANE	6.1	3	Unlimited
2505	III	AMMONIUM FLUORIDE	6.1	3	Unlimited
2506	II	AMMONIUM HYDROGEN SULPHATE	8	3	Unlimited
2507	III	CHLOROPLATINIC ACID, SOLID	8	3	Unlimited
2509	II	POTASSIUM HYDROGEN SULPHATE	8	3	Unlimited
2511	III	2-CHLOROPROPIONIC ACID	8	3	Unlimited
2512	III	AMINOPHENOLS (o-, m-, p-)	6.1	3	Unlimited
2514	III	BROMOBENZENE	3	3	Unlimited
2515	III	BROMOFORM	6.1	3	Unlimited
2516	III	CARBON TETRABROMIDE	6.1	3	Unlimited
2518	III	1,5,9-CYCLODODECATRIENE	6.1	3	Unlimited
2520	III	CYCLOOCTADIENES	3	3	Unlimited
2522	II	2-DIMETHYLAMINOETHYL METHACRYLATE	6.1	3	Unlimited
2524	III	ETHYL ORTHOFORMATE	3	3	Unlimited
2525	III	ETHYL OXALATE	6.1	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
2527	III	ISOBUTYL ACRYLATE, STABILIZED	3	3	Unlimited
2528	III	ISOBUTYL ISOBUTYRATE	3	3	Unlimited
2531	II	METHACRYLIC ACID, STABILIZED	8	3	Unlimited
2533	III	METHYL TRICHLOROACETATE	6.1	3	Unlimited
2538	III	NITRONAPHTHALENE	4.1	3	Unlimited
2541	III	TERPINOLENE	3	3	Unlimited
2542	II	TRIBUTYLAMINE	6.1	3	Unlimited
2560	III	2-METHYLPENTAN-2-OL	3	3	Unlimited
2564	II	TRICHLOROACETIC ACID SOLUTION	8	3	Unlimited
2564	III	TRICHLOROACETIC ACID SOLUTION	8	3	Unlimited
2565	III	DICYCLOHEXYLAMINE	8	3	Unlimited
2567	II	SODIUM PENTACHLOROPHENATE	6.1	3	Unlimited
2570	II	CADMIUM COMPOUND	6.1	3	Unlimited
2570	III	CADMIUM COMPOUND	6.1	3	Unlimited
2572	II	PHENYLHYDRAZINE	6.1	3	Unlimited
2574	II	TRICRESYL PHOSPHATE with more than 3% ortho-isomer	6.1	3	Unlimited
2580	III	ALUMINIUM BROMIDE SOLUTION	8	3	Unlimited
2581	III	ALUMINIUM CHLORIDE SOLUTION	8	3	Unlimited
2582	III	FERRIC CHLORIDE SOLUTION	8	3	Unlimited
2583	II	ALKYLSULPHONIC ACIDS, SOLID or ARYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid	8	3	Unlimited
2584	II	ALKYLSULPHONIC ACIDS, LIQUID or ARYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid	8	3	Unlimited
2585	III	ALKYLSULPHONIC ACIDS, SOLID or ARYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid	8	3	Unlimited
2586	III	ALKYLSULPHONIC ACIDS, LIQUID or ARYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid	8	3	Unlimited
2588	II	PESTICIDE, SOLID, TOXIC, N.O.S.	6.1	3	Unlimited
2588	III	PESTICIDE, SOLID, TOXIC, N.O.S.	6.1	3	Unlimited
2590	III	ASBESTOS, CHRYSOTILE	9	3	Unlimited
2591		XENON, REFRIGERATED LIQUID	2.2	3	Unlimited
2599		CHLOROTRIFLUOROMETHANE AND TRIFLUOROMETHANE, AZEOTROPIC MIXTURE with approximately 60% chlorotrifluoromethane (REFRIGERANT GAS R 503)	2.2	3	Unlimited
2602		DICHLORODIFLUOROMETHANE AND DIFLUOROETHANE, AZEOTROPIC MIXTURE with approximately 74% dichlorodifluoromethane (REFRIGERANT GAS R 500)	2.2	3	Unlimited
2607	III	ACROLEIN DIMER, STABILIZED	3	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
2608	III	NITROPROPANES	3	3	Unlimited
2609	III	TRIALLYL BORATE	6.1	3	Unlimited
2614	III	METHALLYL ALCOHOL	3	3	Unlimited
2616	II	TRIISOPROPYL BORATE	3	3	Unlimited
2616	III	TRIISOPROPYL BORATE	3	3	Unlimited
2617	III	METHYLCYCLOHEXANOLS flammable	3	3	Unlimited
2618	III	VINYLTOLUENES, STABILIZED	3	3	Unlimited
2620	III	AMYL BUTYRATES	3	3	Unlimited
2621	III	ACETYL METHYL CARBINOL	3	3	Unlimited
2623	III	FIRELIGHTERS, SOLID with flammable liquid	4.1	3	Unlimited
2643	II	METHYL BROMOACETATE	6.1	3	Unlimited
2645	II	PHENACYL BROMIDE	6.1	3	Unlimited
2647	II	MALONONITRILE	6.1	3	Unlimited
2648	II	1,2-DIBROMOBUTAN-3-ONE	6.1	3	Unlimited
2649	II	1,3-DICHLOROACETONE	6.1	3	Unlimited
2650	II	1,1-DICHLORO-1-NITRO-ETHANE	6.1	3	Unlimited
2651	III	4,4'-DIAMINODIPHENYLMETHANE	6.1	3	Unlimited
2655	III	POTASSIUM FLUOROSILICATE	6.1	3	Unlimited
2659	III	SODIUM CHLOROACETATE	6.1	3	Unlimited
2660	III	NITROTOLUIDINES (MONO)	6.1	3	Unlimited
2661	III	HEXACHLOROACETONE	6.1	3	Unlimited
2664	III	DIBROMOMETHANE	6.1	3	Unlimited
2667	III	BUTYLTOLUENES	6.1	3	Unlimited
2671	II	AMINOPYRIDINES (o-, m-, p-)	6.1	3	Unlimited
2672	III	AMMONIA SOLUTION relative density between 0.880 and 0.957 at 15°C in water, with more than 10% but not more than 35% ammonia	8	3	Unlimited
2673	II	2-AMINO-4-CHLOROPHENOL	6.1	3	Unlimited
2677	II	RUBIDIUM HYDROXIDE SOLUTION	8	3	Unlimited
2677	III	RUBIDIUM HYDROXIDE SOLUTION	8	3	Unlimited
2678	II	RUBIDIUM HYDROXIDE	8	3	Unlimited
2679	II	LITHIUM HYDROXIDE SOLUTION	8	3	Unlimited
2679	III	LITHIUM HYDROXIDE SOLUTION	8	3	Unlimited
2680	II	LITHIUM HYDROXIDE	8	3	Unlimited
2681	II	CAESIUM HYDROXIDE SOLUTION	8	3	Unlimited
2681	III	CAESIUM HYDROXIDE SOLUTION	8	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
2682	II	CAESIUM HYDROXIDE	8	3	Unlimited
2687	III	DICYCLOHEXYLAMMONIUM NITRITE	4.1	3	Unlimited
2688	III	1-BROMO-3-CHLOROPROPANE	6.1	3	Unlimited
2689	III	GLYCEROL- α -MONOCHLOROHYDRIN	6.1	3	Unlimited
2690	II	N-n-BUTYLIMIDAZOLE	6.1	3	Unlimited
2693	III	BISULPHITES, AQUEOUS SOLUTION, N.O.S.	8	3	Unlimited
2698	III	TETRAHYDROPHTHALIC ANHYDRIDES with more than 0.05% maleic anhydride	8	3	Unlimited
2705	II	1-PENTOL	8	3	Unlimited
2707	II	DIMETHYLDIOXANES	3	3	Unlimited
2707	III	DIMETHYLDIOXANES	3	3	Unlimited
2709	III	BUTYLBENZENES	3	3	Unlimited
2710	III	DIPROPYL KETONE	3	3	Unlimited
2713	III	ACRIDINE	6.1	3	Unlimited
2714	III	ZINC RESINATE	4.1	3	Unlimited
2715	III	ALUMINIUM RESINATE	4.1	3	Unlimited
2716	III	1,4-BUTYNEDIOL	6.1	3	Unlimited
2717	III	CAMPHOR synthetic	4.1	3	Unlimited
2720	III	CHROMIUM NITRATE	5.1	3	Unlimited
2722	III	LITHIUM NITRATE	5.1	3	Unlimited
2724	III	MANGANESE NITRATE	5.1	3	Unlimited
2725	III	NICKEL NITRATE	5.1	3	Unlimited
2728	III	ZIRCONIUM NITRATE	5.1	3	Unlimited
2729	III	HEXACHLOROBENZENE	6.1	3	Unlimited
2730	III	NITROANISOLE, LIQUID	6.1	3	Unlimited
2732	III	NITROBROMOBENZENES, LIQUID	6.1	3	Unlimited
2735	II	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	3	Unlimited
2735	III	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	3	Unlimited
2738	II	N-BUTYLANILINE	6.1	3	Unlimited
2739	III	BUTYRIC ANHYDRIDE	8	3	Unlimited
2747	III	tert-BUTYLCYCLOHEXYL CHLOROFORMATE	6.1	3	Unlimited
2751	II	DIETHYLTHIOPHOSPHORYL CHLORIDE	8	3	Unlimited
2752	III	1,2-EPOXY-3-ETHOXYPROPANE	3	3	Unlimited
2753	III	N-ETHYLBENZYL TOLUIDINES, LIQUID	6.1	3	Unlimited
2757	II	CARBAMATE PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
2757	III	CARBAMATE PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2759	III	ARSENICAL PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2761	II	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2761	III	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2763	II	TRIAZINE PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2763	III	TRIAZINE PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2771	II	THIOCARBAMATE PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2771	III	THIOCARBAMATE PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2775	II	COPPER BASED PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2775	III	COPPER BASED PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2777	II	MERCURY BASED PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2777	III	MERCURY BASED PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2779	II	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2779	III	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2781	II	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2781	III	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2783	II	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2783	III	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2785	III	4-THIAPENTANAL	6.1	3	Unlimited
2786	II	ORGANOTIN PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2786	III	ORGANOTIN PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
2788	II	ORGANOTIN COMPOUND, LIQUID, N.O.S.	6.1	3	Unlimited
2788	III	ORGANOTIN COMPOUND, LIQUID, N.O.S.	6.1	3	Unlimited
2790	II	ACETIC ACID SOLUTION more than 50% and less than 80% acid, by mass	8	3	Unlimited
2790	III	ACETIC ACID SOLUTION not less than 10% but not more than 50% acid, by mass	8	3	Unlimited
2794		BATTERIES, WET, FILLED WITH ACID electric storage	8	3	Unlimited
2795		BATTERIES, WET, FILLED WITH ALKALI electric storage	8	3	Unlimited
2796	II	SULPHURIC ACID with not more than 51% acid or BATTERY FLUID, ACID	8	3	Unlimited
2797	II	BATTERY FLUID, ALKALI	8	3	Unlimited
2798	II	PHENYLPHOSPHORUS DICHLORIDE	8	3	Unlimited
2800		BATTERIES, WET, NON-SPILLABLE electric storage	8	3	Unlimited
2801	II	DYE, LIQUID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.	8	3	Unlimited
2801	III	DYE, LIQUID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.	8	3	Unlimited
2802	III	COPPER CHLORIDE	8	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
2803	III	GALLIUM	8	3	Unlimited
2815	III	N-AMINOETHYLPIPERAZINE	8	3	Unlimited
2819	III	AMYL ACID PHOSPHATE	8	3	Unlimited
2820	III	BUTYRIC ACID	8	3	Unlimited
2821	II	PHENOL SOLUTION	6.1	3	Unlimited
2821	III	PHENOL SOLUTION	6.1	3	Unlimited
2822	II	2-CHLOROPYRIDINE	6.1	3	Unlimited
2829	III	CAPROIC ACID	8	3	Unlimited
2831	III	1,1,1-TRICHLOROETHANE	6.1	3	Unlimited
2834	III	PHOSPHOROUS ACID	8	3	Unlimited
2837	II	BISULPHATES, AQUEOUS SOLUTION	8	3	Unlimited
2837	III	BISULPHATES, AQUEOUS SOLUTION	8	3	Unlimited
2838	II	VINYL BUTYRATE, STABILIZED	3	3	Unlimited
2839	II	ALDOL	6.1	3	Unlimited
2840	III	BUTYRALDOXIME	3	3	Unlimited
2842	III	NITROETHANE	3	3	Unlimited
2849	III	3-CHLOROPROPANOL-1	6.1	3	Unlimited
2850	III	PROPYLENE TETRAMER	3	3	Unlimited
2853	III	MAGNESIUM FLUROSILICATE	6.1	3	Unlimited
2854	III	AMMONIUM FLUROSILICATE	6.1	3	Unlimited
2855	III	ZINC FLUROSILICATE	6.1	3	Unlimited
2856	III	FLUROSILICATES, N.O.S.	6.1	3	Unlimited
2857		REFRIGERATING MACHINES containing non-flammable, non-toxic gases or ammonia solutions (UN 2672)	2.2	3	Unlimited
2858	III	ZIRCONIUM, DRY coiled wire, finished metal sheets, strip (thinner than 254 microns but not thinner than 18 microns)	4.1	3	Unlimited
2859	II	AMMONIUM METAVANADATE	6.1	3	Unlimited
2861	II	AMMONIUM POLYVANADATE	6.1	3	Unlimited
2862	III	VANADIUM PENTOXIDE non-fused form	6.1	3	Unlimited
2863	II	SODIUM AMMONIUM VANADATE	6.1	3	Unlimited
2864	II	POTASSIUM METAVANADATE	6.1	3	Unlimited
2865	III	HYDROXYLAMINE SULPHATE	8	3	Unlimited
2871	III	ANTIMONY POWDER	6.1	3	Unlimited
2872	II	DIBROMOCHLOROPROPANES	6.1	3	Unlimited
2872	III	DIBROMOCHLOROPROPANES	6.1	3	Unlimited
2873	III	DIBUTYLAMINOETHANOL	6.1	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
2874	III	FURFURYL ALCOHOL	6.1	3	Unlimited
2875	III	HEXACHLOROPHENE	6.1	3	Unlimited
2876	III	RESORCINOL	6.1	3	Unlimited
2878	III	TITANIUM SPONGE GRANULES or TITANIUM SPONGE POWDERS	4.1	3	Unlimited
2902	II	PESTICIDE, LIQUID, TOXIC, N.O.S.	6.1	3	Unlimited
2902	III	PESTICIDE, LIQUID, TOXIC, N.O.S.	6.1	3	Unlimited
2904	III	CHLOROPHENOLATES, LIQUID or PHENOLATES, LIQUID	8	3	Unlimited
2905	III	CHLOROPHENOLATES, SOLID or PHENOLATES, SOLID	8	3	Unlimited
2933	III	METHYL 2-CHLOROPROPIONATE	3	3	Unlimited
2934	III	ISOPROPYL 2-CHLOROPROPIONATE	3	3	Unlimited
2935	III	ETHYL 2-CHLORO-PROPIONATE	3	3	Unlimited
2936	II	THIOLACTIC ACID	6.1	3	Unlimited
2937	III	alpha-METHYLBENZYL ALCOHOL, LIQUID	6.1	3	Unlimited
2941	III	FLUOROANILINES	6.1	3	Unlimited
2942	III	2-TRIFLUOROMETHYLANILINE	6.1	3	Unlimited
2943	III	TETRAHYDROFURFURYLAMINE	3	3	Unlimited
2946	III	2-AMINO-5-DIETHYLAMINOPENTANE	6.1	3	Unlimited
2947	III	ISOPROPYL CHLOROACETATE	3	3	Unlimited
2948	II	3-TRIFLUOROMETHYLANILINE	6.1	3	Unlimited
2949	II	SODIUM HYDROSULPHIDE, HYDRATED with not less than 25% water of crystallization	8	3	Unlimited
2966	II	THIOGLYCOL	6.1	3	Unlimited
2967	III	SULPHAMIC ACID	8	3	Unlimited
2969	II	CASTOR BEANS or CASTOR MEAL or CASTOR POMACE or CASTOR FLAKE	9	3	Unlimited
2990		LIFE-SAVING APPLIANCES, SELF-INFLATING	9	3	Unlimited
2992	II	CARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
2992	III	CARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
2994	III	ARSENICAL PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
2996	II	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
2996	III	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
2998	II	TRIAZINE PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
2998	III	TRIAZINE PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3006	II	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3006	III	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3010	II	COPPER BASED PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3010	III	COPPER BASED PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
3012	II	MERCURY BASED PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3012	III	MERCURY BASED PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3014	II	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3014	III	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3016	II	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3016	III	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3018	II	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3018	III	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3020	II	ORGANOTIN PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3020	III	ORGANOTIN PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3026	II	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3026	III	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3027	II	COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
3027	III	COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
3028	III	BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE, SOLID electric storage	8	3	Unlimited
3054	III	CYCLOHEXYL MERCAPTAN	3	3	Unlimited
3055	III	2-(2-AMINOETHOXY) ETHANOL	8	3	Unlimited
3056	III	n-HEPTALDEHYDE	3	3	Unlimited
3065	III	ALCOHOLIC BEVERAGES with more than 24% but not more than 70% alcohol by volume	3	3	Unlimited
3066	II	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)	8	3	Unlimited
3066	III	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)	8	3	Unlimited
3070		ETHYLENE OXIDE AND DICHLORODIFLUOROMETHANE MIXTURE with not more than 12.5% ethylene oxide	2.2	3	Unlimited
3072		LIFE-SAVING APPLIANCES, NOT SELF-INFLATING containing dangerous goods as equipment	9	3	Unlimited
3077	III	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	9	3	Unlimited
3090		LITHIUM METAL BATTERIES (including lithium alloy batteries)	9	3	Unlimited
3091		LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT or LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT (including lithium alloy batteries)	9	3	Unlimited
3092	III	1-METHOXY-2-PROPANOL	3	3	Unlimited
3136		TRIFLUOROMETHANE, REFRIGERATED LIQUID	2.2	3	Unlimited
3140	III	ALKALOIDS, LIQUID, N.O.S. or ALKALOIDS SALTS, LIQUID, N.O.S.	6.1	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
3141	III	ANTIMONY COMPOUND, INORGANIC, LIQUID, N.O.S.	6.1	3	Unlimited
3142	II	DISINFECTANT, LIQUID, TOXIC, N.O.S.	6.1	3	Unlimited
3142	III	DISINFECTANT, LIQUID, TOXIC, N.O.S.	6.1	3	Unlimited
3143	II	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	6.1	3	Unlimited
3143	III	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	6.1	3	Unlimited
3144	II	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.	6.1	3	Unlimited
3144	III	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.	6.1	3	Unlimited
3145	II	ALKYLPHENOLS, LIQUID, N.O.S. (including C2-C12 homologues)	8	3	Unlimited
3145	III	ALKYLPHENOLS, LIQUID, N.O.S. (including C2-C12 homologues)	8	3	Unlimited
3146	II	ORGANOTIN COMPOUND, SOLID, N.O.S.	6.1	3	Unlimited
3146	III	ORGANOTIN COMPOUND, SOLID, N.O.S.	6.1	3	Unlimited
3147	II	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	8	3	Unlimited
3147	III	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	8	3	Unlimited
3151	II	POLYHALOGENATED BIPHENYLS, LIQUID or POLYHALOGENATED TERPHENYLS, LIQUID	9	3	Unlimited
3152	II	POLYHALOGENATED BIPHENYLS, SOLID or POLYHALOGENATED TERPHENYLS, SOLID	9	3	Unlimited
3155	II	PENTACHLOROPHENOL	6.1	3	Unlimited
3158		GAS, REFRIGERATED LIQUID, N.O.S.	2.2	3	Unlimited
3159		1,1,1,2-TETRAFLUOROETHANE (REFRIGERANT GAS R 134a)	2.2	3	Unlimited
3163		LIQUEFIED GAS, N.O.S.	2.2	3	Unlimited
3164		ARTICLES, PRESSURIZED, PNEUMATIC or HYDRAULIC (containing non-flammable gas)	2.2	3	Unlimited
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	9	3	Unlimited
3171		BATTERY-POWERED VEHICLE or BATTERY-POWERED EQUIPMENT	9	3	Unlimited
3215	III	PERSULPHATES, INORGANIC, N.O.S.	5.1	3	Unlimited
3216	III	PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	3	Unlimited
3220		PENTAFLUOROETHANE (REFRIGERANT GAS R 125)	2.2	3	Unlimited
3244	II	SOLIDS CONTAINING CORROSIVE LIQUID, N.O.S.	8	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
3245		GENETICALLY MODIFIED MICROORGANISMS or GENETICALLY MODIFIED ORGANISMS	9	3	Unlimited
3247	II	SODIUM PEROXOBORATE, ANHYDROUS	5.1	3	Unlimited
3249	II	MEDICINE, SOLID, TOXIC, N.O.S.	6.1	3	Unlimited
3249	III	MEDICINE, SOLID, TOXIC, N.O.S.	6.1	3	Unlimited
3253	III	DISODIUM TRIOXOSILICATE	8	3	Unlimited
3259	II	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.	8	3	Unlimited
3259	III	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.	8	3	Unlimited
3260	II	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	8	3	Unlimited
3260	III	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	8	3	Unlimited
3261	II	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	8	3	Unlimited
3261	III	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	8	3	Unlimited
3262	II	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	8	3	Unlimited
3262	III	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	8	3	Unlimited
3264	II	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	3	Unlimited
3264	III	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	3	Unlimited
3265	II	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	3	Unlimited
3265	III	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	3	Unlimited
3266	II	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	3	Unlimited
3266	III	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	3	Unlimited
3267	II	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	3	Unlimited
3267	III	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	3	Unlimited
3268		SAFETY DEVICES, electrically initiated	9	3	Unlimited
3271	II	ETHERS, N.O.S.	3	3	Unlimited
3271	III	ETHERS, N.O.S.	3	3	Unlimited
3272	II	ESTERS, N.O.S.	3	3	Unlimited
3272	III	ESTERS, N.O.S.	3	3	Unlimited
3276	II	NITRILES, LIQUID, TOXIC, N.O.S.	6.1	3	Unlimited
3276	III	NITRILES, LIQUID, TOXIC, N.O.S.	6.1	3	Unlimited
3280	III	ORGANOARSENIC COMPOUND, LIQUID, N.O.S.	6.1	3	Unlimited
3281	II	METAL CARBONYLS, LIQUID, N.O.S.	6.1	3	Unlimited
3281	III	METAL CARBONYLS, LIQUID, N.O.S.	6.1	3	Unlimited
3282	II	ORGANOMETALLIC COMPOUND, LIQUID, TOXIC, N.O.S.	6.1	3	Unlimited
3282	III	ORGANOMETALLIC COMPOUND, LIQUID, TOXIC, N.O.S.	6.1	3	Unlimited
3283	II	SELENIUM COMPOUND, SOLID, N.O.S.	6.1	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
3283	III	SELENIUM COMPOUND, SOLID, N.O.S.	6.1	3	Unlimited
3284	II	TELLURIUM COMPOUND, N.O.S.	6.1	3	Unlimited
3284	III	TELLURIUM COMPOUND, N.O.S.	6.1	3	Unlimited
3285	II	VANADIUM COMPOUND, N.O.S.	6.1	3	Unlimited
3285	III	VANADIUM COMPOUND, N.O.S.	6.1	3	Unlimited
3287	II	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	3	Unlimited
3287	III	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	3	Unlimited
3288	II	TOXIC SOLID, INORGANIC, N.O.S.	6.1	3	Unlimited
3288	III	TOXIC SOLID, INORGANIC, N.O.S.	6.1	3	Unlimited
3293	III	HYDRAZINE, AQUEOUS SOLUTION with not more than 37% hydrazine, by mass	6.1	3	Unlimited
3295	II	HYDROCARBONS, LIQUID, N.O.S.	3	3	Unlimited
3295	III	HYDROCARBONS, LIQUID, N.O.S.	3	3	Unlimited
3296		HEPTAFLUOROPROPANE (REFRIGERANT GAS R 227)	2.2	3	Unlimited
3297		ETHYLENE OXIDE AND CHLOROTETRAFLUOROETHANE MIXTURE with not more than 8.8% ethylene oxide	2.2	3	Unlimited
3298		ETHYLENE OXIDE AND PENTAFLUOROETHANE MIXTURE with not more than 7.9% ethylene oxide	2.2	3	Unlimited
3299		ETHYLENE OXIDE AND TETRAFLUOROETHANE MIXTURE with not more than 5.6% ethylene oxide	2.2	3	Unlimited
3316	II	CHEMICAL KIT or FIRST AID KIT	9	3	Unlimited
3316	III	CHEMICAL KIT or FIRST AID KIT	9	3	Unlimited
3320	II	SODIUM BOROHYDRIDE AND SODIUM HYDROXIDE SOLUTION with not more than 12% sodium borohydride and not more than 40% sodium hydroxide, by mass	8	3	Unlimited
3320	III	SODIUM BOROHYDRIDE AND SODIUM HYDROXIDE SOLUTION with not more than 12% sodium borohydride and not more than 40% sodium hydroxide, by mass	8	3	Unlimited
3336	II	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.	3	3	Unlimited
3336	III	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.	3	3	Unlimited
3337		REFRIGERANT GAS R 404A	2.2	3	Unlimited
3338		REFRIGERANT GAS R 407A	2.2	3	Unlimited
3339		REFRIGERANT GAS R 407B	2.2	3	Unlimited
3340		REFRIGERANT GAS R 407C	2.2	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
3344	II	PENTAERYTHRITETETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN) MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass	4.1	3	Unlimited
3345	II	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
3345	III	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
3348	II	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3348	III	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3349	II	PYRETHROID PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
3349	III	PYRETHROID PESTICIDE, SOLID, TOXIC	6.1	3	Unlimited
3352	II	PYRETHROID PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3352	III	PYRETHROID PESTICIDE, LIQUID, TOXIC	6.1	3	Unlimited
3359		FUMIGATED CARGO TRANSPORT UNIT	9	3	Unlimited
3360		FIBRES, VEGETABLE, DRY	4.1	3	Unlimited
3363		DANGEROUS GOODS IN MACHINERY or DANGEROUS GOODS IN APPARATUS	9	3	Unlimited
3409	II	CHLORONITROBENZENES, LIQUID	6.1	3	Unlimited
3410	III	4-CHLORO-o-TOLUIDINE HYDROCHLORIDE SOLUTION	6.1	3	Unlimited
3411	II	beta-NAPHTHYLAMINE SOLUTION	6.1	3	Unlimited
3411	III	beta-NAPHTHYLAMINE SOLUTION	6.1	3	Unlimited
3413	III	POTASSIUM CYANIDE SOLUTION	6.1	3	Unlimited
3414	III	SODIUM CYANIDE SOLUTION	6.1	3	Unlimited
3417	II	XYLYL BROMIDE, SOLID	6.1	3	Unlimited
3418	III	2,4-TOLUYLENEDIAMINE SOLUTION	6.1	3	Unlimited
3419	II	BORON TRIFLUORIDE ACETIC ACID COMPLEX, SOLID	8	3	Unlimited
3420	II	BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, SOLID	8	3	Unlimited
3422	III	POTASSIUM FLUORIDE SOLUTION	6.1	3	Unlimited
3423	II	TETRAMETHYLAMMONIUM HYDROXIDE, SOLID	8	3	Unlimited
3425	II	BROMOACETIC ACID, SOLID	8	3	Unlimited
3426	III	ACRYLAMIDE SOLUTION	6.1	3	Unlimited
3427	III	CHLOROBENZYL CHLORIDES, SOLID	6.1	3	Unlimited
3429	III	CHLOROTOLUIDINES, LIQUID	6.1	3	Unlimited
3430	II	XYLENOLS, LIQUID	6.1	3	Unlimited
3431	II	NITROBENZOTRIFLUORIDES, SOLID	6.1	3	Unlimited
3432	II	POLYCHLORINATED BIPHENYLS, SOLID	9	3	Unlimited
3434	III	NITROCRESOLS, LIQUID	6.1	3	Unlimited
3436	II	HEXAFLUOROACETONE HYDRATE, SOLID	6.1	3	Unlimited
3438	III	alpha-METHYLBENZYL ALCOHOL, SOLID	6.1	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
3439	II	NITRILES, SOLID, TOXIC, N.O.S.	6.1	3	Unlimited
3439	III	NITRILES, SOLID, TOXIC, N.O.S.	6.1	3	Unlimited
3440	II	SELENIUM COMPOUND, LIQUID, N.O.S.	6.1	3	Unlimited
3440	III	SELENIUM COMPOUND, LIQUID, N.O.S.	6.1	3	Unlimited
3441	II	CHLORODINITROBENZENES, SOLID	6.1	3	Unlimited
3442	II	DICHLOROANILINES, SOLID	6.1	3	Unlimited
3444	II	NICOTINE HYDROCHLORIDE, SOLID	6.1	3	Unlimited
3445	II	NICOTINE SULPHATE, SOLID	6.1	3	Unlimited
3446	II	NITROTOLUENES, SOLID	6.1	3	Unlimited
3447	II	NITROXYLENES, SOLID	6.1	3	Unlimited
3451	II	TOLUIDINES, SOLID	6.1	3	Unlimited
3452	II	XYLIDINES, SOLID	6.1	3	Unlimited
3453	III	PHOSPHORIC ACID, SOLID	8	3	Unlimited
3454	II	DINITROTOLUENES, SOLID	6.1	3	Unlimited
3456	II	NITROSYLSULPHURIC ACID, SOLID	8	3	Unlimited
3457	III	CHLORONITROTOLUENES, SOLID	6.1	3	Unlimited
3458	III	NITROANISOLES, SOLID	6.1	3	Unlimited
3459	III	NITROBROMOBENZENES, SOLID	6.1	3	Unlimited
3460	III	N-ETHYLBENZYL TOLUIDINES, SOLID	6.1	3	Unlimited
3464	II	ORGANOPHOSPHORUS COMPOUND, SOLID, TOXIC, N.O.S.	6.1	3	Unlimited
3464	III	ORGANOPHOSPHORUS COMPOUND, SOLID, TOXIC, N.O.S.	6.1	3	Unlimited
3465	III	ORGANOARSENIC COMPOUND, SOLID, N.O.S.	6.1	3	Unlimited
3466	II	METAL CARBONYLS, SOLID, N.O.S.	6.1	3	Unlimited
3466	III	METAL CARBONYLS, SOLID, N.O.S.	6.1	3	Unlimited
3467	II	ORGANOMETALLIC COMPOUND, SOLID, TOXIC, N.O.S.	6.1	3	Unlimited
3467	III	ORGANOMETALLIC COMPOUND, SOLID, TOXIC, N.O.S.	6.1	3	Unlimited
3472	III	CROTONIC ACID, LIQUID	8	3	Unlimited
3473		FUEL CELL CARTRIDGES or FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT containing flammable liquids	3	3	Unlimited
3477		FUEL CELL CARTRIDGES or FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT containing corrosive substances	8	3	Unlimited
3480		LITHIUM ION BATTERIES (including lithium ion polymer batteries)	9	3	Unlimited
3481		LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT or LITHIUM ION BATTERIES PACKED WITH EQUIPMENT (including lithium ion polymer batteries)	9	3	Unlimited
3496		BATTERIES, NICKEL-METAL HYDRIDE	9	3	Unlimited

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
3497	II	KRILL MEAL	4.2	3	Unlimited
3497	III	KRILL MEAL	4.2	3	Unlimited
3499		CAPACITOR, ELECTRIC DOUBLE LAYER (with an energy storage capacity greater than 0.3 Wh)	9	3	Unlimited
3500		CHEMICAL UNDER PRESSURE, N.O.S.	2.2	3	Unlimited
3501		CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.	2.1	3	Unlimited
3508		CAPACITOR, ASYMMETRIC (with an energy storage capacity greater than 0.3Wh)	9	3	Unlimited
3511		ADSORBED GAS, N.O.S.	2.2	3	Unlimited
1005		AMMONIA, ANHYDROUS	2.3	2	5 days
1039		ETHYL METHYL ETHER	2.1	2	5 days
1040		ETHYLENE OXIDE or ETHYLENE OXIDE WITH NITROGEN up to a total pressure of 1 MPa (10 bar) at 50°C	2.3	2	5 days
1049		HYDROGEN, COMPRESSED	2.1	2	5 days
1090	II	ACETONE	3	2	5 days
1114	II	BENZENE	3	2	5 days
1131	I	CARBON DISULPHIDE	3	2	5 days
1133	I	ADHESIVES containing flammable liquid	3	2	5 days
1218	I	ISOPRENE, STABILIZED	3	2	5 days
1230	II	METHANOL	3	2	5 days
1263	I	PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)	3	2	5 days
1289	II	SODIUM METHYLATE SOLUTION in alcohol	3	2	5 days
1289	III	SODIUM METHYLATE SOLUTION in alcohol	3	2	5 days
1309	II	ALUMINIUM POWDER, COATED	4.1	2	5 days
1309	III	ALUMINIUM POWDER, COATED	4.1	2	5 days
1325	II	FLAMMABLE SOLID, ORGANIC, N.O.S.	4.1	2	5 days
1325	III	FLAMMABLE SOLID, ORGANIC, N.O.S.	4.1	2	5 days
1350	III	SULPHUR	4.1	2	5 days
1384	II	SODIUM DITHIONITE (SODIUM HYDROSULPHITE)	4.2	2	5 days
1397	I	ALUMINIUM PHOSPHIDE	4.3	2	5 days
1402	I	CALCIUM CARBIDE	4.3	2	5 days
1402	II	CALCIUM CARBIDE	4.3	2	5 days
1496	II	SODIUM CHLORITE	5.1	2	5 days
1561	II	ARSENIC TRIOXIDE	6.1	2	5 days
1604	II	ETHYLENEDIAMINE	8	2	5 days

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
1744	I	BROMINE or BROMINE SOLUTION	8	2	5 days
1755	II	CHROMIC ACID SOLUTION	8	2	5 days
1755	III	CHROMIC ACID SOLUTION	8	2	5 days
1779	II	FORMIC ACID with more than 85% acid, by mass	8	2	5 days
1838	I	TITANIUM TETRACHLORIDE	6.1	2	5 days
1866	I	RESIN SOLUTION flammable	3	2	5 days
1903	I	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8	2	5 days
1992	I	FLAMMABLE LIQUID, TOXIC, N.O.S.	3	2	5 days
1992	II	FLAMMABLE LIQUID, TOXIC, N.O.S.	3	2	5 days
1992	III	FLAMMABLE LIQUID, TOXIC, N.O.S.	3	2	5 days
1993	I	FLAMMABLE LIQUID, N.O.S.	3	2	5 days
1993	II	FLAMMABLE LIQUID, N.O.S.	3	2	5 days
2011	I	MAGNESIUM PHOSPHIDE	4.3	2	5 days
2014	II	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	5.1	2	5 days
2015	I	HYDROGEN PEROXIDE, STABILIZED or HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED with more than 60% hydrogen peroxide	5.1	2	5 days
2031	II	NITRIC ACID other than red fuming, with at least 65% but with not more than 70% nitric acid	8	2	5 days
2031	II	NITRIC ACID other than red fuming, with less than 65% nitric acid	8	2	5 days
2031	I	NITRIC ACID other than red fuming, with more than 70% nitric acid	8	2	5 days
2078	II	TOLUENE DIISOCYANATE	6.1	2	5 days
2211	III	POLYMERIC BEADS, EXPANDABLE evolving flammable vapour	9	2	5 days
2218	II	ACRYLIC ACID, STABILIZED	8	2	5 days
2357	II	CYCLOHEXYLAMINE	8	2	5 days
2468	II	TRICHLOROISOCYANURIC ACID, DRY	5.1	2	5 days
2556	II	NITROCELLULOSE WITH ALCOHOL (not less than 25% alcohol, by mass, and not more than 12.6% nitrogen, by dry mass)	4.1	2	5 days
2733	I	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	3	2	5 days
2733	II	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	3	2	5 days
2733	III	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	3	2	5 days
2734	I	AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	8	2	5 days

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
2734	II	AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	8	2	5 days
2809	III	MERCURY	8	2	5 days
2810	I	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	2	5 days
2920	I	CORROSIVE LIQUID, FLAMMABLE, N.O.S.	8	2	5 days
2920	II	CORROSIVE LIQUID, FLAMMABLE, N.O.S.	8	2	5 days
2922	I	CORROSIVE LIQUID, TOXIC, N.O.S.	8	2	5 days
2922	II	CORROSIVE LIQUID, TOXIC, N.O.S.	8	2	5 days
2922	III	CORROSIVE LIQUID, TOXIC, N.O.S.	8	2	5 days
2924	I	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	2	5 days
2924	II	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	2	5 days
2924	III	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	2	5 days
2929	I	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1	2	5 days
2929	II	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1	2	5 days
3017	I	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	2	5 days
3017	II	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	2	5 days
3017	III	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	2	5 days
3089	II	METAL POWDER, FLAMMABLE, N.O.S.	4.1	2	5 days
3089	III	METAL POWDER, FLAMMABLE, N.O.S.	4.1	2	5 days
3108		ORGANIC PEROXIDE TYPE E, SOLID	5.2	2	5 days
3113		ORGANIC PEROXIDE TYPE C, LIQUID, TEMPERATURE CONTROLLED	5.2	2	5 days
3115		ORGANIC PEROXIDE TYPE D, LIQUID, TEMPERATURE CONTROLLED	5.2	2	5 days
3116		ORGANIC PEROXIDE TYPE D, SOLID, TEMPERATURE CONTROLLED	5.2	2	5 days
3119		ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED	5.2	2	5 days
3170	II	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM RE-MELTING BY-PRODUCTS	4.3	2	5 days
3170	III	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM RE-MELTING BY-PRODUCTS	4.3	2	5 days
3175	II	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	4.1	2	5 days
3224		SELF-REACTIVE SOLID TYPE C	4.1	2	5 days
3242	II	AZODICARBONAMIDE	4.1	2	5 days

Appendix A:

UN NO	PACKING GROUP	PROPER SHIPPING NAME (PSN)	IMO CLASS	JPA Group	Storage Period
3300		ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 87% ethylene oxide	2.3	2	5 days
3394	I	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATER-REACTIVE	4.2	2	5 days
3469	I	PAINT, FLAMMABLE, CORROSIVE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint thinning or reducing compound)	3	2	5 days
3469	II	PAINT, FLAMMABLE, CORROSIVE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint thinning or reducing compound)	3	2	5 days
3469	III	PAINT, FLAMMABLE, CORROSIVE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint thinning or reducing compound)	3	2	5 days