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STEAMSHIP

**DANGEROUS**  
**GOOD**  
**LABELS**




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As of 1st January 2004, the IMDG Code will become a mandatory requirement for all modes of transport (sea, air, rail, road and inland waterways) the classification (grouping) of dangerous goods, by type of risk involved.

1: EXPLOSIVES

Class / Division		Code	Description	Label / Mark	Example	Emergency Action
1	1.3	REX RCX RGX	Explosives		<b>Signals, distress.</b> Articles and substances which have a fire hazard. (Cargo Aircraft only)	<b>Leakage:</b>  Reposition container to minimize leakage or contact with other cargo if you can do it without risk.
	1.4	RXB RXC RXD RXE RXG	Explosives		<b>Squibs, fuse.</b> Articles and substances which present no significant hazard.  (Cargo Aircraft only)	
	1.4S	RXS	Explosives		<b>Fuse safety, Revets, explosive.</b>  Articles and substances which present very small hazard.	




2: GAS

Class / Division		Code	Description	Label / Mark	Example	Emergency Action
2	2.1	RFG	Flammable Gas		<p>Butane, Acetylene, dissolved. Lighters (cigarettes), Aero sols flammable nos.</p> <p>Hazard of high pressure and ignitable by ignition. source if leaking.</p>	<p><b>Leakage:</b></p> <p>Reposition container to minimize leakage or contact with other cargo if you can do it without risk.</p>
	2.2	RNG	Non-Flammable, Non-Toxic Gas		<p>Compressed gass, Fire extinguishers, oxygen (gaseous).</p> <p>Hazard of high-pressure cylinder.</p>	
	2.3	RPG	Toxic Gas		<p>Hexafluoroacet one.</p> <p>(Cargo Aircraft only)</p>	<p><b>In case of leakage of contents or heavy damage to the container,</b></p> <p>Leave the damaged packages intact and keep away from them.</p>



**3: FLAMMABLE LIQUIDS**

Class / Division	Code	Description	Label / Mark	Example	Emergency Action
3	RFL	Flammable Liquid		<b>Alcohol, Gasoline.</b> Ignitable by ignition source if leaking.	<b>Leakage:</b> Reposition container to minimize leakage or contact with other cargo if you can do it without risk.


**4: FLAMMABLE SOLIDS**


Class / Division	Code	Description	Label / Mark	Example	Emergency Action
4	4.1	RFS Flammable Solid		<b>Manganese resinate, Naphthalene crude, Matches safety.</b>  Burns vigorously if ignited.	<b>Leakage:</b> Reposition container to minimize leakage or contact with other cargo if you can do it without risk.
	4.2	RSC Spontaneously Combustible		<b>Titanium powder, Sodium sulphide, Carbon activated.</b>	
	4.3	RFW Dangerous when Wet		<b>Potassium borohydride, Sodium methylate, Calcium carbide, Barium.</b>	

**5: OXIDIZING AGENTS AND ORGANIC PEROXIDES**


Class / Division		Code	Description	Label / Mark	Example	Emergency Action
5	5.1	ROX	Oxidizer		<p><b>Calcium hypochlorite, Sodium permanganate.</b></p> <p>May ignite combustibles on contact.</p>	<p><b>Leakage:</b></p> <p>Reposition container to minimize leakage or contact with other cargo if you can do it without risk.</p>
	5.2	ROP	Organic Peroxide		<p><b>Methyl ethyl ketone peroxide (used as catalyst for resins or sealants).</b></p> <p>May undergo self-accelerating decomposition or react violently with other substances.</p>	




**6: TOXIC AND INFECTIOUS SUBSTANCES**

Class / Division		Code	Description	Label / Mark	Example	Emergency Action
6	6.1	RPB	Toxic (Poison) Substances		<p><b>Arsenic, Phenol, solid, Cyanides, inorganic nos Dinitroanilines, Mercuric chloride, Nicotine. Sodium fluoride, Magnesium fluorosilicate.</b></p>	<p><b>Leakage:</b></p> <p>Reposition container to minimize leakage or contact with other cargo if you can do it without risk.</p>


Class/Division	Code	Description	Label / Mark	Example	Emergency Action	
	6.2	RIS	Infections Substances		<p><b>Infections substances such as hepatitis or polio virucs (not vaccine).</b></p>	<p><b>In case of leakage of contents or heavy damage to the container,</b></p> <ol style="list-style-type: none"> <li>1. Leave them damaged package intact and keep away from them until assistance of qualified personnel is available.</li> <li>2. Notify public health authority, etc. through the airport authority, flight operation and cargo traffic sections of the company at the landing airport.</li> </ol>

**7: RADIOACTIVE SUBSTANCES**

Class/Division	Code	Description	Label / Mark	Example	Emergency Action
7	RRE	Excepted Package of Radioactive Materials		<p>Radioactive materials in limited quantities, instruments, manufactured articles etc.</p> <p>This category has little external radiation and does not require distance separation from persons and animals.</p>	<p>In case of leakage of contents or heavy damage to the container,</p> <ol style="list-style-type: none"> <li>1. Leave them damaged package intact and keep away from them until assistance of qualified personnel is available.</li> </ol>




Class/ Division	Code	Description	Label / Mark	Example	Emergency Action
	RRW	Radioactive Material Category-I White		<p><b>Varied isotopes.</b></p> <p>Category I has no significant external radiation and does not require distance separation from persons and animals.</p>	<p>2. Notify the airport authority, flight operation and cargo traffic sections of the company at the landing airport.</p> <p>3. A person who gets in touch with the damaged package must wash hands with the neutral soap or water. Clothing which get in touch with the damaged package must be removed and disposed into the plastic bag.</p>
	RRY	Radioactive Material Category-II Yellow		<p><b>Varied isotopes.</b></p> <p>Category II has slight external radiation (up to 1.0 Transport Index) and requires at least 1 foot separation from persons and animals</p>	
	RRY	Radioactive Material Category-III Yellow		<p><b>Varied isotopes.</b></p> <p>Category III has moderate external radiation (up to 10 Transport Indexes) and requires more separation, according to the IATA Dangerous Goods Regulations.</p>	







8: CORROSIVE SUBSTANCES


Class/Division	Code	Description	Label/Mark	Example	Emergency Action
8	RCM	Corrosive Material		<p><b>Hydrochloric acid solution, sodium hydroxide solution.</b></p> <p>Corrosive to human skins or metals.</p>	<p><b>Leakage:</b></p> <p>Corrosive liquid leakage is not catastrophic, and cleanup and neutralization is best accomplished on the ground. Avoid contact with the skin.</p>



9: MISCELLANEOUS

Class/Division	Code	Description	Label / Mark	Example	Emergency Action
9	RMD ICE RSB	Miscellaneous Dangerous Goods		<p><b>Formaldehyde solutions, Polychlorinated biphenyls, Polystyrene beads, Carbon dioxide solid.</b></p> <p>Substances which during air transport present a danger not covered by other classes.</p>	<p><b>Leakage:</b></p> <p>Reposition container to minimize leakage or contact with other cargo.</p>
	RBI RBM RLI RLM	Lithium Battery		<p>Lithium metal battery, Lithium ion battery</p>	-
	MAG	Magnetized Material		<p><b>Magnetrons, magnets (large unshielded).</b></p> <p>May affect airplane compass system unless isolated.</p>	-

Class/Division	Code	Description	Label / Mark	Example	Emergency Action
-	-	Limited Quantities		The gross weight of a package must not exceed 30kg (66lb).	Take action in accordance with the procedure established for each category of Dangerous Goods.
-	-	Dangerous Goods in Excepted Quantities		Very small quantities of Dangerous Goods (except Explosions, Magnetized Materials etc)	Take action in accordance with the procedure established for each category of Dangerous Goods.
-	-	Environmentally Hazardous Substances		UN3077(Solid) and UN3082(Liquid)	-
-	RBI RBM EBI EBM ELI ELM	Lithium Battery		Lithium metal battery, Lithium ion battery	-
-	-	This side up		It is used on at least two opposite sides of combination packagings and overpacks containing liquid dangerous goods.	-
-	CAO	Cargo Aircraft Only		Cargo Aircraft only Label	-

Class/Division	Code	Description	Label / Mark	Example	Emergency Action
-	RCL	Cryogenic Liquids		Substances (Non-Flammable gas/Division 2.2) containing Cryogenic liquids.	-
-	-	Keep Away from Heat		Must be used in addition to the applicable hazard label on packages and overpacks containing self-reactive substances in Division 4.1 and Division 5.2, Organic Peroxides.	-



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**WHAT WE CAN DO  
FOR YOU?**