

GHS hazards addressed in transport regulations	Model Regulations	IMDG Code ^a	ICAO TI ^b	RID/ADR/ADN ^c
	Rev.16	Amend 35-10	(2011-2012 edition)	2011 Edition
Chapter 2.1: Explosives	(Class 1)	(Class 1)	(Class 1)	(Class 1)
Divisions 1.1 to 1.6	Done (Divisions 1.1 to 1.6)	Already applicable	Already applicable	Already applicable
Chapter 2.2: Flammable gases	(Class 2, Division 2.1)	(Class 2, Division 2.1)	(Class 2, Division 2.1)	(Class 2, Division 2.1)
Category 1	Done	Already applicable	Already applicable	Already applicable
Category 2	<i>Not applicable</i>	<i>Not applicable</i>	<i>Not applicable</i>	<i>Not applicable</i>
Chapter 2.3: Flammable aerosols	(Class 2)	(Class 2)	(Class 2)	(Class 2)
Category 1	Done	Already applicable	Already applicable	Already applicable
Category 2	Done	Already applicable	Already applicable	Already applicable
Chapter 2.4: Oxidizing gases	(Division 2.2 gases)	(Division 2.2 gases)	(Division 2.2 gases)	(Division 2.2 gases)
Category 1	Done	Already applicable	Already applicable	Already applicable
Chapter 2.5: Gases under pressure	(Class 2)	(Class 2)	(Class 2)	(Class 2)
Compressed gases	Done	Already applicable	Already applicable	Already applicable
Liquefied gases	Done	Already applicable	Already applicable	Already applicable
Refrigerated liquefied gases	Done	Already applicable	Already applicable	Already applicable
Dissolved gases	Done	Already applicable	Already applicable	Already applicable
Chapter 2.6: Flammable liquids	(Class 3)	(Class 3)	(Class 3)	(Class 3)
Category 1	Done (PGI)	Already applicable	Already applicable	Already applicable
Category 2	Done (PGII)	Already applicable	Already applicable	Already applicable
Category 3	Done	Done	Done	Done
Category 4	<i>Not applicable</i>	<i>Not applicable</i>	<i>Not applicable</i>	<i>Not applicable</i>
Chapter 2.7: Flammable solids	(Class 4, Division 4.1)	(Class 4, Division 4.1)	(Class 4, Division 4.1)	(Class 4, Division 4.1)
Category 1	Done (PGII)	Already applicable	Already applicable	Already applicable
Category 2	Done (PGIII)	Already applicable	Already applicable	Already applicable

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Chapter 2.8: Self-reactive substances	(Class 4, Division 4.1)	(Class 4, Division 4.1)	(Class 4, Division 4.1)	(Class 4, Division 4.1)
Types A to G	Done	Already applicable	Already applicable	Already applicable
Chapter 2.9: Pyrophoric liquids	(Class 4, Division 4.2)	(Class 4, Division 4.2)	(Class 4, Division 4.2)	(Class 4, Division 4.2)
Category 1	Done (PGI)	Already applicable	Already applicable	Already applicable
Chapter 2.10: Pyrophoric solids	(Class 4, Division 4.2)	(Class 4, Division 4.2)	(Class 4, Division 4.2)	(Class 4, Division 4.2)
Category 1	Done (PGI)	Already applicable	Already applicable	Already applicable
Chapter 2.11: Self-heating substances	(Class 4, Division 4.2)	(Class 4, Division 4.2)	(Class 4, Division 4.2)	(Class 4, Division 4.2)
Category 1	Done (PGII)	Already applicable	Already applicable	Already applicable
Category 2	Done (PGIII)	Already applicable	Already applicable	Already applicable
Chapter 2.12: Substances which, in contact with water, emit flammable gases	(Class 4, Division 4.3)	(Class 4, Division 4.3)	(Class 4, Division 4.3)	(Class 4, Division 4.3)
Category 1	Done (PGI)	Already applicable	Already applicable	Already applicable
Category 2	Done (PGII)	Already applicable	Already applicable	Already applicable
Category 3	Done (PGIII)	Already applicable	Already applicable	Already applicable
Chapter 2.13: Oxidizing liquids	(Class 5, Division 5.1)	(Class 5, Division 5.1)	(Class 5, Division 5.1)	(Class 5, Division 5.1)
Category 1	Done (PGI)	Already applicable	Already applicable	Already applicable
Category 2	Done (PGII)	Already applicable	Already applicable	Already applicable
Category 3	Done (PGIII)	Already applicable	Already applicable	Already applicable
Chapter 2.14: Oxidizing solids	(Class 5, Division 5.1)	(Class 5, Division 5.1)	(Class 5, Division 5.1)	(Class 5, Division 5.1)
Category 1	Done (PGI)	Already applicable	Already applicable	Already applicable
Category 2	Done (PGII)	Already applicable	Already applicable	Already applicable
Category 3	Done (PGIII)	Already applicable	Already applicable	Already applicable

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Chapter 2.15: Organic peroxides		(Class 5, Division 5.2)	(Class 5, Division 5.2)		(Class 5, Division 5.2)		(Class 5, Division 5.2)
	Types A to G	Done	Already applicable		Already applicable		Already applicable
Chapter 2.16: Corrosive to metals		Class 8	Class 8		Class 8		Class 8
	Category 1	Done (PGIII if not corrosive to skin)	Already applicable		Already applicable		Already applicable
Chapter 3.2: Skin corrosion		Class 8	Class 8		Class 8		Class 8
Category 1	Subcategory: 1A	Done (PGI)	Already applicable		Already applicable		Already applicable
	Subcategory: 1B	Done (PGII)	Already applicable		Already applicable		Already applicable
	Subcategory: 1C	Done (PGIII)	Already applicable		Already applicable		Already applicable
Chapter 3.1: Acute toxicity (Liquids and solids)		Class 6 (Division 6.1)	Class 6 (Division 6.1)		Class 6 (Division 6.1)		Class 6 (Division 6.1)
	Category 1	Done	Done		Done		Done
	Category 2	Done	Done		Done		Done
	Category 3	Done	Done		Done		Done
	Category 4	<i>Not applicable</i>	<i>Not applicable</i>		<i>Not applicable</i>		<i>Not applicable</i>
	Category 5	<i>Not applicable</i>	<i>Not applicable</i>		<i>Not applicable</i>		<i>Not applicable</i>
Chapter 3.1: Acute toxicity (Gases)		Division 2.3	Division 2.3	Division 2.3	Division 2.3	Division 2.3	Class 2 (Groups T, TF, TC TO, TFC, TOC)
	Category 1	Done	Done		Done		Done
	Category 2	Done	Done		Done		Done
	Category 3	Done	Done		Done		Done
	Category 4	<i>Not applicable</i>	<i>Not applicable</i>		<i>Not applicable</i>		<i>Not applicable</i>
	Category 5	<i>Not applicable</i>	<i>Not applicable</i>		<i>Not applicable</i>		<i>Not applicable</i>

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Chapter 4.1: Environmental hazards		Class 9	Class 9	Class 9	Class 9	Class 9
Acute toxicity	Acute 1	Done ^d	Done		Done ^d , but optional	Done (RID/ADR/ADN) ^e
	Acute 2	<i>Not applicable</i> ^f	<i>Not applicable</i> ^g		<i>Not applicable</i>	<i>RID/ADR: not applicable</i> <i>ADN: (tank-vessels only)</i> ^h
	Acute 3	<i>Not applicable</i> ^g	<i>Not applicable</i> ^h		<i>Not applicable</i>	<i>RID/ADR: not applicable</i> <i>ADN: (tank-vessels only)</i> ⁱ
Chronic toxicity	Chronic 1	Done ^d	Done ^e		Done ^d , but optional	Done (RID/ADR/ADN) ^f
	Chronic 2	Done ^d	Done ^e		Done ^d , but optional	Done (RID/ADR/ADN) ^f
	Chronic 3	<i>Not applicable</i> ^g	<i>Not applicable</i> ^h		<i>Not applicable</i>	<i>RID/ADR: not applicable</i> <i>ADN: (tank-vessels only)</i> ⁱ
	Chronic 4	<i>Not applicable</i> ^g	<i>Not applicable</i> ^h		<i>Not applicable</i>	<i>Not applicable</i>

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^d Labelling required only if no other danger.

^e Classification as hazardous to the aquatic environment of substances which belong to classes 1 to 8 or are classified under class 9 entries (other than UN Nos.3077 or 3082) and related marking, became mandatory as from 1 January 2011.

^f Categories addressed only for carriage in very large quantities (sea-going chemical tankers or inland navigation tank-vessels). See also footnotes h and i.

^g Categories addressed only for carriage in very large quantities (sea-going chemical tankers). The GHS criteria have been taken into account in the IMO criteria for the evaluation of safety and pollution hazards of chemicals in the context of the International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code) and Annex II to the MARPOL 73/78 Convention (See also GESAMP Report and Studies No.64, available on the IMO public website <http://gesamp.imo.org/publicat.htm>).

^h Categories addressed only for carriage in very large quantities (inland navigation tank-vessels). See also footnote f.