

GHS hazards addressed in transport regulations		Model Regulations	IMDG Code	ICAO TI	RID/ADR/ADN
Chapter 2.1: Explosives		(Class 1)	(Class 1)	(Class 1)	(Class 1)
	Divisions 1.1 to 1.6	Done (Div.1.1 to 1.6)	Done	Done	Done
Chapter 2.2: Flammable gases		(Class 2, Division 2.1)	(Class 2, Division 2.1)	(Class 2, Division 2.1)	(Class 2, Group F)
	Category 1	Done	Done	Done	Done
	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	Done	Done	Done
	Category 2	Done	Done	Done	Done
Chapter 2.4: Oxidizing gases		(Division 2.2 gases)	(Division 2.2 gases)	(Division 2.2 gases)	(Class 2, Group O)
	Category 1	Done	Done	Done	Done
Chapter 2.5: Gases under pressure		(Class 2)	(Class 2)	(Class 2)	(Class 2)
	Compressed gases	Done	Done	Done	Done
	Liquefied gases	Done	Done	Done	Done
	Refrigerated liquefied gases	Done	Done	Done	Done
	Dissolved gases	Done	Done	Done	Done
Chapter 2.6: Flammable liquids		(Class 3)	(Class 3)	(Class 3)	(Class 3)
	Category 1	Done (PGI)	Done	Done	Done
	Category 2	Done (PGII)	Done	Done	Done
	Category 3	Done (PGIII)	Done	Done	Done
	Category 4	Not applicable	<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 4.1)
	Category 1	Done (PGII)	Done	Done	Done
	Category 2	Done (PGIII)	Done	Done	Done
Chapter 2.8: Self-reactive substances		(Class 4, Division 4.1)	(Class 4, Division 4.1)	(Class 4, Division 4.1)	(Class 4.1)
	Types A to G	Done	Done	Done	Done

GHS hazards addressed in transport regulations		Model Regulations	IMDG Code	ICAO TI	RID/ADR/ADN
Chapter 2.9: Pyrophoric liquids		(Class 4, Division 4.2)	(Class 4, Division 4.2)	(Class 4, Division 4.2)	(Class 4.2)
	Category 1	Done (PGI)	Done	Done	Done
Chapter 2.10: Pyrophoric solids		(Class 4, Division 4.2)	(Class 4, Division 4.2)	(Class 4, Division 4.2)	(Class 4.2)
	Category 1	Done (PGI)	Done	Done	Done
Chapter 2.11: Self-heating substances		(Class 4, Division 4.2)	(Class 4, Division 4.2)	(Class 4, Division 4.2)	(Class 4.2)
	Category 1	Done (PGII)	Done	Done	Done
	Category 2	Done (PGIII)	Done	Done	Done
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 4.3)
	Category 1	Done (PGI)	Done	Done	Done
	Category 2	Done (PGII)	Done	Done	Done
	Category 3	Done (PGIII)	Done	Done	Done
Chapter 2.13: Oxidizing liquids		(Class 5, Division 5.1)	(Class 5, Division 5.1)	(Class 5, Division 5.1)	(Class 5.1)
	Category 1	Done (PGI)	Done	Done	Done
	Category 2	Done (PGII)	Done	Done	Done
	Category 3	Done (PGIII)	Done	Done	Done
Chapter 2.14: Oxidizing solids		(Class 5, Division 5.1)	(Class 5, Division 5.1)	(Class 5, Division 5.1)	(Class 5.1)
	Category 1	Done (PGI)	Done	Done	Done
	Category 2	Done (PGII)	Done	Done	Done
	Category 3	Done (PGIII)	Done	Done	Done
Chapter 2.15: Organic peroxides		(Class 5, Division 5.2)	(Class 5, Division 5.2)	(Class 5, Division 5.2)	(Class 5.2)
	Types A to G	Done	Done	Done	Done
Chapter 2.16: Corrosive to metals		Class 8	Class 8	Class 8	Class 8
	Category 1	Done (PGIII if not corrosive to skin)	Done	Done	Done

GHS hazards addressed in transport regulations		Model Regulations	IMDG Code	ICAO TI	RID/ADR/ADN
Chapter 2.17: Desensitized explosives^a					
	Solid desensitized explosives	Class 4, division 4.1	Class 4, division 4.1	Class 4, division 4.1	Class 4.1
	Liquid desensitized explosives	Class 3	Class 3	Class 3	Class 3
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	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>
Chapter 3.2: Skin corrosion		Class 8	Class 8	Class 8	Class 8
	Category 1	Done	Done	Done	Done
	Category 2	<i>Not applicable</i>	<i>Not applicable</i>	<i>Not applicable</i>	<i>Not applicable</i>
	Category 3	<i>Not applicable</i>	<i>Not applicable</i>	<i>Not applicable</i>	<i>Not applicable</i>

^a This hazard class was first introduced for the first time in the 6th revised edition of the GHS.

GHS hazards addressed in transport regulations		Model Regulations	IMDG Code	ICAO TI	RID/ADR/ADN
Chapter 4.1: Environmental hazards		Class 9	Class 9	Class 9	Class 9
Acute toxicity	Acute 1	Done ^b	Done ^c	Done ^b , but optional	Done (RID/ADR/ADN) ^d
	Acute 2	Not applicable ^e	<i>Not applicable</i> ^f	<i>Not applicable</i>	<i>RID/ADR: not applicable</i> <i>ADN: (tank-vessels only)</i> ^g
	Acute 3	<i>Not applicable</i> ^e	<i>Not applicable</i> ^f	<i>Not applicable</i>	<i>RID/ADR: not applicable</i> <i>ADN: (tank-vessels only)</i> ^g
Chronic toxicity	Chronic 1	Done ^b	Done ^c	Done ^b , but optional	Done (RID/ADR/ADN) ^d
	Chronic 2	Done ^b	Done ^c	Done ^b , but optional	Done (RID/ADR/ADN) ^d
	Chronic 3	<i>Not applicable</i> ^e	<i>Not applicable</i> ^f	<i>Not applicable</i>	<i>RID/ADR: not applicable</i> <i>ADN: (tank-vessels only)</i> ^g
	Chronic 4	<i>Not applicable</i> ^e	<i>Not applicable</i> ^f	<i>Not applicable</i>	<i>Not applicable</i>

^b Labelling required only if no other danger.

^c Done through Amdt.34-08 (of mandatory application as from 1 January 2010).

^d 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.

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

^f 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>).

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