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## Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals

### Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals

#### Thirty-ninth session

Geneva, 9-11 December 2020

Item 2 of the provisional agenda

#### Recommendations made by the Sub-Committee at its thirty-seventh and thirty-eight sessions

## Consolidated list of draft amendments adopted by the Sub-Committee at its thirty-seventh and thirty-eighth sessions

### Note by the secretariat\*

This document contains a consolidated list of draft amendments to the eighth revised edition of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) (ST/SG/AC.10/30/Rev.8) adopted by the Sub-Committee at its thirty-seventh and thirty-eighth sessions.

### Chapter 1.2

Amend the definition of “*Recommendations on the Transport of Dangerous Goods, Model Regulations*” to read as follows:

“*UN Model Regulations* means the Model Regulations annexed to the latest revised edition of the Recommendations on the Transport of Dangerous Goods published by the United Nations”.

*Consequential amendment:* In the GHS, replace all references to “*UN Recommendations on the Transport of Dangerous Goods, Model Regulations*”, “*Recommendations on the Transport of Dangerous Goods, Model Regulations*” and “*UN Recommendations for the Transport of Dangerous Goods*” with “*UN Model Regulations*”.

(Ref. doc: ST/SG/AC.10/C.4/76)

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\* 2020 (A/74/6 (Sect.20) and Supplementary, Subprogramme 2).

## Chapter 1.5

1.5.3.2.1 In item 9, delete “and safety characteristics”.

(Ref. doc: ST/SG/AC.10/C.4/76)

## Chapter 2.3

In table 2.3.1, under “Criteria”:

- Replace “(1)”, “(2)” and “(3)” with “(a)”, “(b)” and “(c)”;
- Replace “(a)”, “(b)”, “(c)” with “(i)”, “(ii)” and “(iii)”.

(Ref. doc: ST/SG/AC.10/C.4/76)

## Chapter 3.2

In table 3.2.2, under “Criteria”, replace “(1)”, “(2)” and “(3)” with “(a)”, “(b)” and “(c)”.

(Ref. doc: ST/SG/AC.10/C.4/76)

In Table 3.2.6:

- In the heading of the third column, amend the list of methods to read: “...Methods 1, 2, 3, 4 and 5”.
- In the row for category 1, on the third cell of the table, insert “, 5” in the list of methods before “< 50 %”
- In the row for category 1A, on the fifth cell of the table, insert “, 5” in the list of methods before “< 15 %”

(Ref. doc: ST/SG/AC.10/C.4/76)

## Chapter 3.5

3.5.2.7 (a) At the end of the current list, add: “Transgenic Rodent Somatic and Germ Cell Gene Mutation Assays (OECD 488)”.

3.5.2.8 Insert the following references after the introductory sentence, before the current examples (“Liver...”):

“In vivo Mammalian Alkaline Comet Assay (OECD 489)  
Transgenic Rodent Somatic and Germ Cell Gene Mutation Assays  
(OECD 488)”

3.5.2.9 Amend the end of the second example to read as follows: “OECD 476 and 490”.

(Ref. doc: ST/SG/AC.10/C.4/76)

## Annex 1

Replace current Annex 1 with the following:

### “Annex 1

#### Classification and labelling summary tables

**NOTE 1:** *The codification of hazard statements is further explained in Annex 3 (Section 1). The hazard statement codes are intended to be used for reference purposes only. They are not part of the hazard statement text and should not be used to replace it.*

**NOTE 2:** *To provide clarity, assist labelling practitioners and enable comparison between equivalent classification and labelling systems under the GHS and the UN Model Regulations, transport hazard classes, divisions and pictograms are included in Tables A1.1 to A1.30. However, it should be noted that in these tables the UN Model Regulations classification and labelling entries are provided for indicative purposes only. For transport purposes, the classification and labelling provisions prescribed by the UN Model Regulations shall be used (see also Chapter 1.4, section 1.4.10 of the GHS).*

**NOTE 3:** *GHS hazard pictograms are displayed in the shape of a square set at a point with a black symbol on a white background with a red frame. The transport pictograms (commonly referred to as labels in the UN Model Regulations) shall be displayed on a background of contrasting colour or, where appropriate, shall have either a dotted or solid boundary line as provided in Chapter 5.2, section 5.2.2.2 of the UN Model Regulations and in Tables A1.1 to A1.30 below. For some hazard categories, the symbol, number and border line of the transport pictogram may be shown in white instead of black. Where such an alternative is available it is shown in the relevant tables below (see tables A1.2, A1.3, A1.5, A1.6, A1.12, A1.15, A1.17).*

## A1.1 Explosives (see Chapter 2.1 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram <sup>a</sup>	GHS signal word	GHS hazard statement	
Explosives	Unstable explosive			(Transport not allowed)	Danger	Unstable explosive	H200
	1.1			Explosive; mass explosion hazard		H201	
	1.2			Explosive; severe projection hazard		H202	
	1.3			Explosive; fire, blast or projection hazard		H203	
	1.4			Warning	Fire or projection hazard	H204	
	1.5			Danger	May mass explode in fire	H205	
	1.6	No pictogram			No signal word	No hazard statement	None













<sup>a</sup> Under the UN Model Regulations, (\*) indicates the place for compatibility group and (\*\*) indicates the place for division - to be left blank if explosive is the subsidiary hazard.

## A1.2 Flammable gases (see Chapter 2.2 for classification criteria)



Classification			Labelling				GHS hazard statement codes	
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram <sup>a</sup>	GHS signal word	GHS hazard statement		
Flammable gases	1A	Flammable gas			Danger	Extremely flammable gas	H220	
		Pyrophoric gas				Extremely flammable gas	H220	
						May ignite spontaneously if exposed to air	H232	
		Chemically unstable gas				A	Extremely flammable gas	H220
						May react explosively even in the absence of air	H230	
		B				Extremely flammable gas	H220	
	May react explosively even in the absence of air at elevated pressure and/or temperature	H231						
1B						Flammable gas	H221	
2	Not applicable		No pictogram	Not applicable	Warning			

<sup>a</sup> Under the UN Model Regulations, pyrophoric gases and chemically unstable gases (A and B) are classified based on their flammability in Class 2, Division 2.1.

### A1.3 Aerosols and chemicals under pressure (see Chapter 2.3 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Aerosols (section 2.3.1)	1	2.1			<b>Danger</b>	Extremely flammable aerosol Pressurized container: may burst if heated	H222 H229
	2			or 			Flammable aerosol Pressurized container: may burst if heated
	3	2.2	No pictogram	 or 	<b>Warning</b>	Pressurized container: may burst if heated	H229
Chemicals under pressure (section 2.3.2)	1	2.1			<b>Danger</b>	Extremely flammable chemical under pressure: may explode if heated	H282
	2		and 	or 			Flammable chemical under pressure: may explode if heated
	3	2.2		 or 	<b>Warning</b>	Chemical under pressure: may explode if heated	H284

### A1.4 Oxidizing gases (see Chapter 2.4 for classification criteria)

Classification			Labelling				GHS hazard statement code
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram <sup>a</sup>	GHS signal word	GHS hazard statement	
Oxidizing gases	1	2 <sup>a</sup>			<b>Danger</b>	May cause or intensify fire; oxidizer	H270

<sup>a</sup> Under the UN Model Regulations, oxidising gases are classified under the applicable Class 2 division according to their primary gas hazard and will display the applicable Class 2 transport pictogram. In addition, they are assigned a Division 5.1 (flame over circle) transport pictogram due to their oxidizing subsidiary hazard.

### A1.5 Gases under pressure (see Chapter 2.5 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram <sup>a</sup>	GHS signal word	GHS hazard statement	
Gases under pressure	Compressed gas	2.2			Warning	Contains gas under pressure; may explode if heated	H280
	Liquefied gas					Contains gas under pressure; may explode if heated	
	Refrigerated liquefied gas					Contains refrigerated gas; may cause cryogenic burns or injury	H281
	Dissolved gas					Contains gas under pressure; may explode if heated	H280

<sup>a</sup> Under the Model Regulations, this pictogram is not required for gases under pressure that are also toxic or flammable gases. In those cases, the applicable toxic or flammable gas hazard class pictogram is used instead.









### A1.6 Flammable liquids (see Chapter 2.6 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Flammable liquids	1	3			Danger	Extremely flammable liquid and vapour	H224
	2					Highly flammable liquid and vapour	H225
	3				Warning	Flammable liquid and vapour	H226
	4	Not applicable	No pictogram	Not applicable		Combustible liquid	H227

### A1.7 Flammable solids (see Chapter 2.7 for classification criteria)

Classification			Labelling				GHS hazard statement code
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Flammable solids	1	4.1			Danger	Flammable solid	H228
	2				Warning		



### A1.8 Self-reactive substances and mixtures (see Chapter 2.8 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram <sup>a</sup>	GHS signal word	GHS hazard statement	
Self-reactive substances and mixtures	Type A	4.1 Type A		(Transport may not be allowed) <sup>b</sup>	<b>Danger</b>	Heating may cause an explosion	H240
	Type B	4.1 Type B	 and  and 	and if applicable <sup>a</sup> :	<b>Danger</b>	Heating may cause a fire or explosion	H241
	Types C and D	4.1 Types C and D			<b>Danger</b>	Heating may cause a fire	H242
	Types E and F	4.1 Types E and F			<b>Warning</b>		
	Type G	Type G	No pictogram	Not applicable	No signal word	No hazard statement	None



<sup>a</sup> Under the UN Model Regulations, where a Type B substance or mixture has an explosive subsidiary hazard, then the transport pictogram for Divisions 1.1, 1.2 or 1.3 shall also be used without the indication of the division number or the compatibility group. For a substance or mixture of hazard category Type B, special provision 181 may apply (Exemption of explosive label with competent authority approval. See Chapter 3.3 of the UN Model Regulations for more details).

<sup>b</sup> May not be acceptable for transport in the packaging in which it is tested (See 2.4.2.3.2.1 of the UN Model Regulations).



### A1.9 Pyrophoric liquids (see Chapter 2.9 for classification criteria)

Classification			Labelling				GHS hazard statement code
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Pyrophoric liquids	1	4.2			<b>Danger</b>	Catches fire spontaneously if exposed to air	H250



**A1.10 Pyrophoric solids** (see Chapter 2.10 for classification criteria)

Classification			Labelling				GHS hazard statement code
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Pyrophoric solids	1	4.2			Danger	Catches fire spontaneously if exposed to air	H250



**A1.11 Self-heating substances and mixtures** (see Chapter 2.11 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Self-heating substances and mixtures	1	4.2			Danger	Self-heating; may catch fire	H251
	2				Warning	Self-heating in large quantities; may catch fire	H252

**A1.12 Substances and mixtures, which in contact with water, emit flammable gases** (see Chapter 2.12 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Substances and mixtures, which in contact with water, emit flammable gases	1	4.3			Danger	In contact with water releases flammable gases which may ignite spontaneously	H260
	2				Danger	In contact with water releases flammable gases	H261
	3				Warning		

**A1.13 Oxidizing liquids** (see Chapter 2.13 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Oxidizing liquids	1	5.1			Danger	May cause fire or explosion; strong oxidizer	H271
	2				Danger	May intensify fire; oxidizer	H272
	3				Warning		



**A1.14 Oxidizing solids** (see Chapter 2.14 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Oxidizing solids	1	5.1			Danger	May cause fire or explosion; strong oxidizer	H271
	2				Danger	May intensify fire; oxidizer	H272
	3				Warning		



**A1.15 Organic peroxides** (see Chapter 2.15 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram <sup>a</sup>	GHS signal word	GHS hazard statement	
Organic peroxides	Type A	5.2 Type A		(Transport may not be allowed) <sup>b</sup>	Danger	Heating may cause an explosion	H240
	Type B	5.2 Type B	 and 	or and if applicable <sup>a</sup> : 	Danger	Heating may cause a fire or explosion	H241
	Types C and D	5.2 Types C and D		or	Danger	Heating may cause a fire	H242
	Types E and F	5.2 Types E and F			Warning		
	Type G	Type G	No pictogram	Not applicable	No signal word	No hazard statement	None





<sup>a</sup> Under the UN Model Regulations, where a Type B substance or mixture has an explosive subsidiary hazard, then the transport pictogram for Divisions 1.1, 1.2 or 1.3 shall also be used without the indication of the division number or the compatibility group. For a substance or mixture of hazard category Type B, special provision 181 may apply (Exemption of explosive label with competent authority approval. See Chapter 3.3 of the UN Model Regulations for more details).

<sup>b</sup> May not be acceptable for transport in the packaging in which it is tested (See 2.5.3.2.2 of the UN Model Regulations).

**A1.16 Corrosive to metals** (see Chapter 2.16 for classification criteria)






Classification			Labelling				GHS hazard statement code
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Corrosive to metals	1	8			Warning	May be corrosive to metals	H290

**A1.17 Desensitized explosives** (see Chapter 2.17 for classification criteria)

Classification			Labelling				GHS hazard statement codes		
GHS hazard class	GHS hazard category	UN Model Regulations class or division <sup>a</sup>	GHS pictogram	UN Model Regulations pictogram <sup>a</sup>	GHS signal word	GHS hazard statement			
Desensitized explosives	1	3			or		Danger	Fire, blast or projection hazard; increased risk of explosion if desensitizing agent is reduced	H206
	2						or		Danger
	3	Warning							
	4	4.1		Warning	Fire hazard; increased risk of explosion if desensitizing agent is reduced	H208			




<sup>a</sup> Under the UN Model Regulations, liquid desensitized explosives are classified in Class 3 and solid desensitized explosives are classified in Division 4.1.

**A1.18 Acute toxicity** (see Chapter 3.1 for classification criteria)



Classification			Labelling				GHS hazard statement codes				
GHS hazard class	GHS hazard category	UN Model Regulations class or division <sup>a</sup>	GHS pictogram	UN Model Regulations pictogram <sup>a</sup>	GHS signal word	GHS hazard statement					
Acute toxicity	1, 2	Oral			<b>Danger</b>	Fatal if swallowed	H300				
		Dermal				2.3	Fatal in contact with skin	H310			
		Inhalation				2.3	Fatal if inhaled	H330			
	3	Oral			or			<b>Danger</b>	Toxic if swallowed	H301	
		Dermal			6.1				Toxic in contact with skin	H311	
		Inhalation			6.1				Toxic if inhaled	H331	
	4	Oral	<i>Not applicable</i>		<i>Not applicable</i>			<b>Warning</b>	Harmful if swallowed	H302	
		Dermal							Harmful in contact with skin	H312	
		Inhalation							Harmful if inhaled	H332	
	5	Oral				<i>Not applicable</i>	<i>No pictogram</i>	<i>Not applicable</i>	<b>Warning</b>	May be harmful if swallowed	H303
		Dermal								May be harmful in contact with skin	H313
		Inhalation								May be harmful if inhaled	H333

<sup>a</sup> Under the UN Model Regulations, toxic gases are classified in Division 2.3 and toxic substances (as defined in the UN Model Regulations) are classified in Division 6.1.


**A1.19 Skin corrosion/irritation** (see Chapter 3.2 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Skin corrosion/irritation	1, 1A, 1B, 1C	8			<b>Danger</b>	Causes severe skin burns and eye damage	H314
	2	<i>Not applicable</i>		<i>Not applicable</i>	<b>Warning</b>	Causes skin irritation	H315
	3				<b>Warning</b>	Causes mild skin irritation	H316


**A1.20 Serious eye damage/eye irritation** (see Chapter 3.3 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Serious eye damage/eye irritation	1	<i>Not applicable</i>		<i>Not applicable</i>	<b>Danger</b>	Causes serious eye damage	H318
	2/2A				<b>Warning</b>	Causes serious eye irritation	H319
	2B		<i>No pictogram</i>		<b>Warning</b>	Causes eye irritation	H320


**A1.21 Respiratory sensitization** (see Chapter 3.4 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Respiratory sensitization	1, 1A, 1B	<i>Not applicable</i>		<i>Not applicable</i>	<b>Danger</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled	H334


**A1.22 Skin sensitization** (see Chapter 3.4 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Skin sensitization	1, 1A, 1B	<i>Not applicable</i>		<i>Not applicable</i>	<b>Warning</b>	May cause an allergic skin reaction	H317


**A1.23 Germ cell mutagenicity** (see Chapter 3.5 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Germ cell mutagenicity	1, 1A, 1B	<i>Not applicable</i>		<i>Not applicable</i>	<b>Danger</b>	May cause genetic defects ( <i>state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard</i> )	H340
	2				<b>Warning</b>	Suspected of causing genetic defects ( <i>state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard</i> )	H341


**A1.24 Carcinogenicity** (see Chapter 3.6 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Carcinogenicity	1, 1A, 1B	Not applicable		Not applicable	<b>Danger</b>	May cause cancer ( <i>state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard</i> )	H350
	<b>Warning</b>				Suspected of causing cancer ( <i>state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard</i> )	H351	


**A1.25 Reproductive toxicity** (see Chapter 3.7 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Reproductive toxicity	1, 1A, 1B	Not applicable		Not applicable	<b>Danger</b>	May damage fertility or the unborn child ( <i>state specific effect if known</i> ) ( <i>state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard</i> )	H360
	<b>Warning</b>				Suspected of damaging fertility or the unborn child ( <i>state specific effect if known</i> ) ( <i>state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard</i> )	H361	
	Additional category for effects on or via lactation		No pictogram		No signal word	May cause harm to breast-fed children	H362


**A1.26 Specific target organ toxicity - single exposure** (see Chapter 3.8 for classification criteria)

Classification			Labelling				GHS hazard statement codes	
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement		
Specific target organ toxicity – single exposure	1	Not applicable		Not applicable	Danger	Causes damage to organs (or state all organs affected, if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)	H370	
	2					Warning	May cause damage to organs (or state all organs affected, if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)	H371
	3					Warning	May cause respiratory irritation	H335
	or	May cause drowsiness or dizziness	H336					


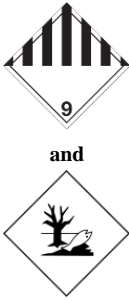
**A1.27 Specific target organ toxicity - repeated exposure** (see Chapter 3.9 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Specific target organ toxicity – repeated exposure	1	Not applicable		Not applicable	Danger	Causes damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)	H372
	2					Warning	May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

**A1.28 Aspiration hazard** (See chapter 3.10 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Aspiration hazard	1	Not applicable		Not applicable	Danger	May be fatal if swallowed and enters airways	H304
	2				Warning	May be harmful if swallowed and enters airways	H305

**A1.29 (a) Hazardous to the aquatic environment, short-term (acute)** (see Chapter 4.1 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division <sup>a</sup>	GHS pictogram	UN Model Regulations pictogram <sup>a</sup>	GHS signal word	GHS hazard statement	
Hazardous to the aquatic environment, short-term (Acute)	Acute 1	9			Warning	Very toxic to aquatic life	H400
	Acute 2	Not applicable	No pictogram	Not applicable	No signal word	Toxic to aquatic life	H401
	Acute 3					Harmful to aquatic life	H402

<sup>a</sup> Under the UN Model Regulations, for category Acute 1, environmentally hazardous substances are classified under Class 9 and shall bear both the Class 9 transport pictogram and the environmentally hazardous substance transport mark (see Chapter 5.2, section 5.2.1.6 and Chapter 5.3, section 5.3.2.3, of the UN Model Regulations). However, if the environmentally hazardous substance presents any other hazards covered by UN Model Regulations, the Class 9 transport pictogram shall be replaced by the transport pictogram(s) applicable to the hazard(s) present and the environmentally hazardous substance pictogram is not required.

**A1.29 (b) Hazardous to the aquatic environment, long-term (chronic)** (see Chapter 4.1 for classification criteria)

Classification			Labelling				GHS hazard statement codes
GHS hazard class	GHS hazard category	UN Model Regulations class or division <sup>a</sup>	GHS pictogram	UN Model Regulations pictogram <sup>a</sup>	GHS signal word	GHS hazard statement	
Hazardous to the aquatic environment, long-term (Chronic)	Chronic 1	9			Warning	Very toxic to aquatic life with long lasting effects	H410
	Chronic 2					No signal word	Toxic to aquatic life with long lasting effects
	Chronic 3	Not applicable	No pictogram	Not applicable	No signal word	Harmful to aquatic life with long lasting effects	H412
	Chronic 4					May cause long lasting harmful effects to aquatic life	H413

<sup>a</sup> Under the UN Model Regulations, for categories Chronic 1 and 2, environmentally hazardous substances are classified under Class 9 and shall bear both the Class 9 transport pictogram and the environmentally hazardous substance transport mark (see Chapter 5.2, section 5.2.1.6 and Chapter 5.3, section 5.3.2.3, of the UN Model Regulations). However, if the environmentally hazardous substance presents any other hazards covered by UN Model Regulations, the Class 9 transport pictogram shall be replaced by the transport pictogram(s) applicable to the hazard(s) present and the environmentally hazardous substance pictogram is not required.

**A1.30 Hazardous to the ozone layer** (see Chapter 4.2 for classification criteria)

Classification			Labelling				GHS hazard statement code
GHS hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	GHS signal word	GHS hazard statement	
Hazardous to the ozone layer	1	Not applicable		Not applicable	Warning	Harms public health and the environment by destroying ozone in the upper atmosphere	H420

”



### Annex 3, Section 2, table A3.2.2

#### P203, hazard class “Flammable gases”, column (4)

Replace by:

1A	Chemically unstable gas A
	Chemically unstable gas B

(Reference document: ST/SG/AC.10/C.4/74)

#### P210, P377, P381 and P403, hazard class “Flammable gases”, column (4)

Replace by:

1A	Flammable gas
	Pyrophoric gas
	Chemically unstable gas A
	Chemically unstable gas B
1B, 2	

(Reference document: ST/SG/AC.10/C.4/74)

#### P222 and P280, hazard class “Flammable gases”, column (4)

Before “Pyrophoric gas”, insert “1A,”.

(Reference document: ST/SG/AC.10/C.4/74)

#### P230

- In column (2), replace: “Keep wetted with...” by “Keep diluted with...”
- For the explosives hazard class (divisions 1.1, 1.2, 1.3 and 1.5), replace the “Conditions for use” in column (5) with the following:

*“- for explosive substances and mixtures that are diluted with solids or liquids, or wetted with, dissolved or suspended in water or other liquids to reduce their explosive properties.*

...Manufacturer/supplier or competent authority to specify appropriate material. ”

(Reference document: ST/SG/AC.10/C.4/76)

### Annex 3, Section 3, matrix of precautionary statements

#### Explosives (divisions 1.1, 1.2, 1.3 and 1.5) and desensitized explosives (categories 1, 2, 3 and 4), under “Prevention”, wording of precautionary statement P230

Replace with:

**“Keep diluted with...**

*- for explosive substances and mixtures that are diluted with solids or liquids, or wetted with, dissolved or suspended in water or other liquids to reduce their explosive properties.*

...Manufacturer/supplier or competent authority to specify appropriate material. ”

(Reference document: ST/SG/AC.10/C.4/76)

### Annex 4

A4.3.9 Amend the heading of section 9 to read “Physical and chemical properties”.

(Reference document: ST/SG/AC.10/C.4/76)