

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

5 July 2019

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

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Item 3(b) of the provisional agenda

Hazard communication:

**improvement of annexes 1 to 3 and further
rationalization of precautionary statements**

Proposed changes to Annex 1

Transmitted by the expert from the United Kingdom on behalf of the informal working group on improving Annexes 1, 2 and 3 of the GHS

This informal document sets out the changes proposed in working document ST/SG/AC.10/C.4/2019/2. New text is shown in **red**, and deleted text is shown in **red strikethrough**. As it is difficult to clearly display the changes between existing adjacent table entries to the proposed merged table entries, only the merged entries are displayed in this document.

The differences in the proposed text presented in this document (INF.3 Rev.1) as compared to that presented in UN/SCEGHS/37/INF3 are shown in **red underlined** for new text and deleted text is shown in **red strikethrough**.

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 Recommendations on the Transport of Dangerous Goods Model Regulations (UN Model Regulations), ~~UN Model Regulation~~transport hazard classes, or 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. and for For the definitive transport purposes, the classification and labelling provisions prescribed by UN Model Regulations shall be used (see also Chapter 1.4, section 1.4.10 of the GHS) classification and labelling under these Regulations please refer to the UN Model Regulations.*

NOTE 3: *GHS hazard pictograms are displayed with a black symbol on a white background within a diamond shaped red border. The ~~UN Model Regulations~~transport pictograms (commonly referred to as labels in the 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 Volume II 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 ~~UN Model Regulations~~transport pictogram may be shown in white instead of black. Where such an alternative ~~UN Model Regulations~~pictogram is available it is provided shown in the relevant Tables below (see Tables A1.2, A1.3, A1.4; A1.5, A1.6, A1.12, A1.15, A1.17).*

* see UN Recommendations on the Transport of Dangerous Goods, Model Regulations, ~~Volume II, Chapter 5.2, Section 5.2.2.2~~ 'Provisions for labels'.

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

Classification			Labelling				Hazard statement codes
Hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram ^a	Signal word	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	No pictogram		Warning	Fire or projection hazard	H204	
	1.5			Danger	May mass explode in fire	H205	
	1.6			No signal word	No hazard statement	None	













^a Under the UN Model Regulations, (*) signifies indicates the place for compatibility group. The pictogram for Divisions 1.1, 1.2 and 1.3 is also assigned to substances which have an explosive subsidiary risk, but without the indication of the division number and the compatibility group (see also "Self reactive substances and mixtures" and "Organic peroxides").

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

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





^a Under the UN Recommendations on the Transport of Dangerous Goods, Model Regulations, the symbol, number and border line may be shown in black instead of white. The background colour stays red in both cases. pyrophoric gases and chemically unstable gases (A and B) are classified based on their flammability in Class 2, Division 2.1 do not have a specific UN Model Regulations classification. However, as these hazard subcategories are also flammable gases, by default they are classified under this hazard class and bear the Division 2.1 UN Model pictogram.

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

Classification			Labelling				Hazard statement codes
Hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram ^a	Signal word	Hazard statement	
Aerosols (section 2.3.1)	1	2.1		 or 	Danger	Extremely flammable aerosol Pressurized container: may burst if heated	H222 H229
	2					Flammable aerosol Pressurized container: may burst if heated	H223 H229
	3	2.2	No pictogram	 or 	Warning	Pressurized container: may burst if heated	H229
Chemicals under pressure (section 2.3.2)	1	2.1	 and 	 or 	Danger	Extremely flammable chemical under pressure: may explode if heated	H282
	2					Flammable chemical under pressure: may explode if heated	H283
	3	2.2		 or 	Warning	Chemical under pressure: may explode if heated	H284

^a Under the UN Recommendations on the Transport of Dangerous Goods, Model Regulations, the symbol, number and border line may be shown in black or white. The background colour is red for categories 1 and 2 and green for category 3.

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

Classification			Labelling				Hazard statement code
Hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram ^a	Signal word	Hazard statement	
Oxidizing gases	1	2.2		 or  and 	Danger	May cause or intensify fire; oxidizer	H270

^a Under the UN Model Regulations, oxidising gases are classified under Division 2.2 (non-flammable, non-toxic gases) according to their primary hazard. However, under the UN Model Regulations as these substances also have an oxidizing

subsidiary hazard of being oxidising substances, they are assigned ~~both~~ a Division 2.2 (gas cylinder) and ~~the~~ Division 5.1 (flame over circle) UN Model pictogram ~~transport~~ pictogram.

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

Classification			Labelling				Hazard statement codes
Hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram ^a	Signal word	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



^a *Under the UN Recommendations on the Transport of Dangerous Goods, Model Regulations, the symbol, number and border line may be shown in white instead of black. The background colour stays green in both cases. This pictogram is not required for gases under pressure that are also toxic or flammable gases. In those cases, ~~as~~ the applicable toxic or flammable hazard class pictogram for these hazard classes is used instead (see also note "a" to tables A1.18 and A1.2).*

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








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

^a *Under the UN Recommendations on the Transport of Dangerous Goods, Model Regulations, the symbol, number and border line may be shown in black instead of white. The background colour stays red in both cases. flammable liquids are classified under Class 3 without any Division or Category.*

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

Classification			Labelling				Hazard statement codes
Hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	Signal word	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				Hazard statement codes
Hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram ^a	Signal word	Hazard statement	
Self-reactive substances and mixtures	Type A	4.1 <u>Type A</u>		(Transport not may not be allowed) ^b	Danger	Heating may cause an explosion	H240
	Type B	4.1 <u>Type B</u>	 and 	 and if applicable ^a : 	Danger	Heating may cause a fire or explosion	H241
	Types C and D	4.1 <u>Types C and D</u>			Danger	Heating may cause a fire	H242
	Types E and F	4.1 <u>Types E and F</u>			Warning		
	Type G	Not applicable <u>Type G</u>	No pictogram	No pictogram	Not applicable <i>Not required</i>	No signal word	No hazard statement

^a ~~For Type B, under the UN Recommendations on the Transport of Dangerous Goods, Model Regulations, where a Type B substance or mixture has an explosive subsidiary hazard, then the transport pictogram for Divisions 1.1, 1.2 and 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). Where a Type B substance or mixture has an explosive subsidiary~~



risk, then the orange pictogram assigned to Divisions 1.1, 1.2 and 1.3 is also used but without the indication of the division number or the compatibility group.

^b *May not be acceptable for transport in the packaging in which it is tested (See Chapter 2.5, para 2.5.3.2.2 of the UN Model Regulations).*



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

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




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

Classification			Labelling				Hazard statement code
Hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	Signal word	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				Hazard statement codes
Hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	Signal word	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				Hazard statement codes
Hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram*	Signal word	Hazard statement	
Substances and mixtures, which in contact with water, emit flammable gases	1	4.3		 or 	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		

*—Under the UN Recommendations on the Transport of Dangerous Goods, Model Regulations, the symbol, number and border line may be shown in black instead of white. The background colour stays blue in both cases.










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

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





^a ~~For Type B, under the UN Recommendations on the Transport of Dangerous Goods, Model Regulations, where a Type B substance or mixture has an explosive subsidiary hazard, then the transport pictogram for Divisions 1.1, 1.2 and 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). Where a Type B substance has an explosive subsidiary risk, then the orange pictogram assigned to Divisions 1.1, 1.2 and 1.3 is also used, but without the indication of the division number or the compatibility group.~~

^b ~~May not be acceptable for transport in the packaging in which it is tested (See Chapter 2.5, para 2.5.3.2.2 of the UN Model Regulations).~~

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

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





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

Classification			Labelling				Hazard statement codes
Hazard class	GHS hazard category	UN Model Regulations class or division ^a	GHS pictogram	UN Model Regulations pictogram ^a	Signal word	Hazard statement	
Desensitized explosives	1	Class 3 (for liquids)		<p><i>Not applicable</i></p> <p>For liquids:</p>  <p>or</p>  <p>For solids:</p> 	Danger	Fire, blast projection hazard; increased risk of explosion if desensitizing agent is reduced	H206
	2				Danger	Fire or projection hazard; increased risk of explosion if desensitizing agent is reduced	H207
	3	Warning			Fire hazard; increased risk of explosion if desensitizing agent is reduced		
	4	Warning			Fire hazard; increased risk of explosion if desensitizing agent is reduced	H208	

^a— *Under the UN Model Regulations, classification and labelling of desensitized explosives are addressed in transport regulations in a different way to that under the GHS. In transport:*

- *Liquid desensitized explosives are classified in Class 3 (flammable liquids) for transport purposes without any Division or Category and shall bear a Class 3 label UN Model Regulation transport pictogram (see Chapter 2.3, section 2.3.1.4 of the UN Model Regulations).*
- *Solid desensitized explosives are classified in Division 4.1 (flammable solids, self reactive substances, solid desensitized explosives and polymerising substances) and shall bear a Division 4.1 label UN Model Regulation transport pictogram (see Chapter 2.4, section 2.4.2.4 of the UN Recommendations on the Transport of Dangerous Goods, Model Regulations).*

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




Classification			Labelling				Hazard statement codes			
Hazard class	GHS hazard category		UN Model Regulations class or division #	GHS pictogram	UN Model Regulations pictogram*	Signal word		Hazard statement		
Acute toxicity	1, 2	Oral	2.3 (for toxic gases) or 6.1 (for toxic substances ^{ba})			Danger	Fatal if swallowed	H300		
		Dermal					Fatal in contact with skin	H310		
		Inhalation					Fatal if inhaled	H330		
	3	Oral				6.1 (for toxic substances ^{ba})		Danger	Toxic if swallowed	H301
		Dermal							Toxic in contact with skin	H311
		Inhalation							Toxic if inhaled	H331
	4	Oral	Not applicable		Not applicable Not required			Warning	Harmful if swallowed	H302
		Dermal							Harmful in contact with skin	H312
		Inhalation							Harmful if inhaled	H332
	5	Oral				No pictogram		Warning	May be harmful if swallowed	H303
		Dermal							May be harmful in contact with skin	H313
		Inhalation							May be harmful if inhaled	H333

^a For gases, under the UN Recommendations on the Transport of Dangerous Goods, Model Regulations, replace the number "6" in the bottom corner of the pictogram by "2".

- Toxic gases are classified in Division 2.3 and the number "2" must be displayed at the bottom corner of the UN Model Regulations pictogram.
- Toxic substances are classified in Division 6.1 and the number "6" must be displayed at the bottom corner of the UN Model Regulations pictogram.

^{ba} The term 'substance(s)' has a slightly different meaning under the UN Model Regulations (see Chapter 2.0 section 2.0.1.1 'Definitions') than under the GHS (see Chapter 1.2 'Definitions and Abbreviations'). As defined in the UN Model Regulations (see Chapter 2.6, paragraph 2.6.1 (a)). The term "substances" in the Model Regulations covers substances and mixtures.



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

Classification			Labelling				Hazard statement codes
Hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	Signal word	Hazard statement	
Skin corrosion/irritation	1, 1A ^a , 1B ^a , 1C ^a	Class 8			Danger	Causes severe skin burns and eye damage	H314
	2	<i>Not applicable</i>		<i>Not applicable</i> <i>Not required</i>	Warning	Causes skin irritation	H315
	3 ^{ab}		No pictogram		Warning	Causes mild skin irritation	H316

^a *Hazard sub-categories may be applied where data are sufficient and where required by a competent authority. In accordance with the criteria, classification into sub-categories 1A, 1B and 1C may be required by some competent authorities. Others may only require classification in category 1 (see Section 3.2.2.2.1.2).*


^{ab} *Available for those some competent authorities that want more than one skin irritation category (see Section 3.2.2.2.2). Applies to some authorities.*

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

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


^a *In accordance with the criteria, classification into sub-categories 2A and 2B may be required by some competent authorities. Others may only require classification in category 2 (see Section 3.3.2.1.2.1). Hazard sub-categories may be applied where data are sufficient and where required by a competent authority.*

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

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


^a *In accordance with the criteria, classification into sub-categories 1A and 1B may be required by some competent authorities. Others may only require classification in category 1 (see Section 3.4.2.1.1.1). Hazard statement codes may be applied where data are sufficient and where required by a competent authority.*

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


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

^a *In accordance with the criteria, classification into sub-categories 1A and 1B may be required by some competent authorities. Others may only require classification in category 1 (see Section 3.4.2.1.1.1). Hazard statement codes may be applied where data are sufficient and where required by a competent authority.*


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

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



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

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


A1.25 Reproductive toxicity ~~Toxic to reproduction~~ (see Chapter 3.7 for classification criteria)

Classification			Labelling				Hazard statement codes
Hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	Signal word	Hazard statement	
Reproductive toxicity	1, 1A, 1B	Not applicable		Not applicable Not required	Danger	May damage fertility or the unborn child (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)	H360
	2				Warning	Suspected of damaging fertility or the unborn child (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)	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 following single exposure (see Chapter 3.8 for classification criteria)

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




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

Classification			Labelling				Hazard statement codes
Hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	Signal word	Hazard statement	
Specific target organ toxicity – repeated exposure	1	<i>Not applicable</i>		<i>Not applicable</i> <i>Not required</i>	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)	H373

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


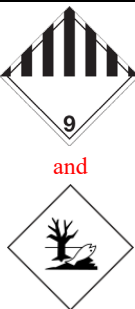
Classification			Labelling				Hazard statement codes
Hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram	Signal word	Hazard statement	
Aspiration hazard	1	<i>Not applicable</i>		<i>Not applicable</i> <i>Not required</i>	Danger	May be fatal 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				Hazard statement codes
Hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram ^a	Signal word	Hazard statement	
Hazardous to the aquatic environment, short-term (Acute)	Acute 1	Class 9 ^a		 9 and 	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		No pictogram	Not required		Harmful to aquatic life	H402


^a For Category 1, ~~Under the UN Recommendations on the Transport of Dangerous Goods, 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 UN Model Regulations pictogram/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). the pictogram is not required if the substance presents any other hazards covered by UN Model Regulations. If no other hazard is presented, this pictogram is required as a mark in addition to the UN Model Regulations Class 9 label. However, if the environmentally hazardous substance presents any other hazards covered by UN Model Regulations, then the Class 9 pictogram-transport pictogram would not be applicable and would shall be replaced by the transport pictogram(s) applicable to of the other hazard(s) represented.~~

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

Classification			Labelling				Hazard statement codes
Hazard class	GHS hazard category	UN Model Regulations class or division	GHS pictogram	UN Model Regulations pictogram ^a	Signal word	Hazard statement	
Hazardous to the aquatic environment, long-term (Chronic)	Chronic 1	Class 9 ^a			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 Not required	No signal word	Harmful to aquatic life with long lasting effects	H412
	Chronic 4					May cause long lasting harmful effects to aquatic life	H413

^a For categories 1 and 2, ~~u~~Under the UN Recommendations on the Transport of Dangerous Goods, 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 ~~UN Model Regulations pictogram~~ 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). ~~the pictogram is not required if the substance presents any other hazards covered by UN Model Regulations. If no other hazard is presented, this pictogram is required as a mark in addition to the UN Model Regulations Class 9 label. However, if the environmentally hazardous substance presents any other hazards covered by UN Model Regulations, then the Class 9 transport pictogram would not be applicable and would shall be replaced by the transport pictogram(s) applicable to of the other hazard(s) represented.~~

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

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