

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**

12 December 2012

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Geneva, 12 – 14 December 2012

Item 2 (d) of the provisional agenda

**Updating of the Globally Harmonized System of
Classification and Labelling of Chemicals (GHS):**

Annexes

Comment on ST/SG/AC.10/C.4/2012/22

Transmitted by the expert from Canada

Issue

1. The proposals set out in ST/SG/AC.10/C.4/2012/22 were reviewed and a number of minor editorial amendments were identified as required to ensure consistency with terminology used elsewhere in the GHS and within the proposed merged annexes 1 and 2 of the GHS.

Proposal




2. It is proposed to make amendments to A1.18, A1.19, A1.24, A1.25, A1.26, A1.28(a), A1.28(b) and A1.29 as outlined in the tables below. Text to be deleted is struck out and text to be added is underlined.

“Annex 1

CLASSIFICATION AND LABELLING SUMMARY TABLES



NOTE: 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.

A1.18 Skin corrosion/irritation (see Chapter 3.2 for classification criteria)



Classification		Labelling				
Hazard class	Hazard category	Pictogram		Signal word	Hazard statement	Code
		GHS	UN Model Regulations			
Skin corrosion/irritation	1 Corrosive (including A, B and C)			Danger	Causes severe skin burns and eye damage	H314
	2 Irritant		<i>Not required</i>	Warning	Causes skin irritation	H315
	3 ^a Mild irritant^a	<i>No pictogram</i>	<i>Not required</i>	Warning	Causes mild skin irritation	H316

^a Applies to some authorities.




A1.19 Serious eye damage/eye irritation (see Chapter 3.3 for classification criteria)

Classification		Labelling				
Hazard class	Hazard category	Pictogram		Signal word	Hazard statement	Code
		GHS	UN Model Regulations			
Serious eye damage/eye irritation	1 Irreversible effects		<i>Not required</i>	Danger	Causes serious eye damage	H318
	2/2A Irritant		<i>Not required</i>	Warning	Causes serious eye irritation	H319
	2B Mild irritant	<i>No pictogram</i>	<i>Not required</i>	Warning	Causes eye irritation	H320

A1.24 **Toxic to reproduction Reproductive toxicity** (see Chapter 3.7 for classification criteria)

Classification		Labelling				
Hazard class	Hazard category	Pictogram		Signal word	Hazard statement	Code
		GHS	UN Model Regulations			
Toxic to reproduction Reproductive toxicity	1 (both 1A and 1B)		<i>Not required</i>	Danger	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
	2		<i>Not required</i>	Warning	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	<i>No pictogram</i>	<i>Not required</i>	<i>No signal word</i>	May cause harm to breast-fed children	H362

A1.25 **Specific target organ toxicity following - single exposure** (see Chapter 3.8 for classification criteria)

Classification		Labelling				
Hazard class	Hazard category	Pictogram		Signal word	Hazard statement	Code
		GHS	UN Model Regulations			
Specific target organ toxicity following - single exposure	1		<i>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
	2		<i>Not required</i>	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		<i>Not required</i>	Warning	May cause respiratory irritation or May cause dizziness or drowsiness	H335 H336

A1.26 Specific target organ toxicity following - repeated exposure (see Chapter 3.9 for classification criteria)





Classification		Labelling				
Hazard class	Hazard category	Pictogram		Signal word	Hazard statement	Code
		GHS	UN Model Regulations			
Specific target organ toxicity following - repeated exposure	1		Not required	Danger	Causes damage to organs (<i>state all organs affected, if known</i>) through prolonged or repeated exposure (<i>state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard</i>)	H372
	2		Not required	Warning	May cause damage to organs (<i>state all organs affected, if known</i>) through prolonged or repeated exposure (<i>state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard</i>)	H373

A1.28 (a) Short-term (acute) hazards to the aquatic environment Hazardous to the aquatic environment
Short-term (acute) (see Chapter 4.1 for classification criteria)

Classification		Labelling				
Hazard class	Hazard category	Pictogram		Signal word	Hazard statement	Code
		GHS	UN Model Regulations ^a			
Short-term (Acute) hazards to the aquatic environment Hazardous to the aquatic environment Short-term (acute)	Acute 1			Warning	Very toxic to aquatic life	H400
	Acute 2	No pictogram	Not required	No signal word	Toxic to aquatic life	H401
	Acute 3	No pictogram	Not required	No signal word	Harmful to aquatic life	H402


^a For category 1, under the UN Recommendations on the Transport of Dangerous Goods, 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.

A1.28 (b) Long-term (chronic) hazards to the aquatic environment Hazardous to the aquatic environment Long-term (chronic) (see Chapter 4.1 for classification criteria)

Classification		Labelling				
Hazard class	Hazard category	Pictogram		Signal word	Hazard statement	Code
		GHS	UN Model Regulations ^a			
Long-term (Chronic) hazards to the aquatic environment Hazardous to the aquatic environment Long-term (chronic)	Chronic 1			Warning	Very toxic to aquatic life with long lasting effects	H410
	Chronic 2			<i>No signal word</i>	Toxic to aquatic life with long lasting effects	H411
	Chronic 3	<i>No pictogram</i>	<i>Not required</i>	<i>No signal word</i>	Harmful to aquatic life with long lasting effects	H412
	Chronic 4	<i>No pictogram</i>	<i>Not required</i>	<i>No signal word</i>	May cause long lasting harmful effects to aquatic life	H413

^a For categories 1 and 2, under the UN Recommendations on the Transport of Dangerous Goods, 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.

A1.29 Hazardous to the ozone layer (see Chapter 4.2 for classification criteria)

Classification		Labelling				
Hazard class	Hazard category	Pictogram		Signal word	Hazard statement	Code
		GHS	UN Model Regulations			
Hazardous to the ozone layer	1		<i>Not required</i>	Warning	Harms public health and the environment by destroying ozone in the upper atmosphere	H420