

## 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-second session

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Item 3 (b) of the provisional agenda

**Hazard communication issues: Improvement of annexes 1 to 3 and  
further rationalization of precautionary statements**

### **Addendum to document ST/SG/AC.10/C.4/2016/17: Proposed changes to section 2 (Precautionary statement tables) of Annex 3 of the GHS**

**Transmitted by the expert from the United Kingdom on behalf of  
the correspondence group on improving annexes 1, 2 and 3 of the  
GHS**

#### **Background**

1. This document shows marked up changes to the tables in Section of Annex 3 of the GHS, as listed in document ST/SG/AC.10/2016/17, paragraph 7.
2. New proposed wording is shown in underlined italics, *thus*, and text to be deleted is shown in strike-through, ~~thus~~.

**Table A3.2.1: Codification of general precautionary statements**

Code (1)	General precautionary statements (2)	Hazard class (3)	Hazard category (4)	Conditions for use (5)
P101	<b>If medical advice is needed, have product container or label at hand.</b>	as appropriate		Consumer products
P102	<b>Keep out of reach of children.</b>	as appropriate		Consumer products
P103	<del>Read label before use.</del> <u>Read carefully and follow all instructions.</u>	as appropriate		Consumer products <u>– omit where P202 is used.</u>

**Table A3.2.2: Codification of prevention precautionary statements**

Code (1)	Prevention precautionary statements (2)	Hazard class (3)	Hazard category (4)	Conditions for use (5)
P201	<b>Obtain special instructions before use.</b>	Explosives (chapter 2.1)	Unstable explosive	<i>– omit for consumer products where P202 is used.</i>
		Germ cell mutagenicity (chapter 3.5)	1A, 1B, 2	
		Carcinogenicity (chapter 3.6)	1A, 1B, 2	
		Reproductive toxicity (chapter 3.7)	1A, 1B, 2	
		Reproductive toxicity, effects on or via lactation (chapter 3.7)	Additional category	
P202	<b>Do not handle until all safety precautions have been read and understood.</b>	Flammable gases (chapter 2.2)	A, B (chemically unstable gases)	
		Germ cell mutagenicity (chapter 3.5)	1A, 1B, 2	
		Carcinogenicity (chapter 3.6)	1A, 1B, 2	
		Reproductive toxicity (chapter 3.7)	1A, 1B, 2	
		<i>Reproductive toxicity, effects on or via lactation (chapter 3.7)</i>	<i>Additional category</i>	
P231 + P232	<b>Handle and store contents under inert gas/... Protect from moisture.</b>	Pyrophoric liquids (chapter 2.9)	+	<i>...Manufacturer/supplier or the competent authority to specify appropriate liquid or gas if “inert gas” is not appropriate.</i>
		Pyrophoric solids (chapter 2.10)	+	
		Substances and mixtures which, in contact with water, emit flammable gases (chapter 2.12)	1, 2, 3	

**Table A3.2.3: Codification of response precautionary statements**

Code (1)	Response precautionary statements (2)	Hazard class (3)	Hazard category (4)	Conditions for use (5)
P301	<b>IF SWALLOWED:</b>	Acute toxicity, oral (chapter 3.1)	1, 2, 3, 4, 5	
		Skin corrosion (chapter 3.2)	1A, 1B, 1C	
		Aspiration hazard (chapter 3.10)	1, 2	
P302	<b>IF ON SKIN:</b>	Pyrophoric liquids (chapter 2.9)	1	
		Pyrophoric solids (chapter 2.10)	1	
		Substances and mixtures which, in contact with water, emit flammable gases (chapter 2.12)	1, 2	
		Acute toxicity, dermal (chapter 3.1)	1, 2, 3, 4, 5	
		Skin irritation (chapter 3.2)	2	
		Skin sensitization (chapter 3.4)	1, 1A, 1B	
P312	<b>Call a POISON CENTER/doctor/...if you feel unwell.</b>	Acute toxicity, oral (chapter 3.1)	4, 5	... Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.
		<del>Acute toxicity, oral (chapter 3.1)</del>	<del>5</del>	
		Acute toxicity, dermal (chapter 3.1)	3, 4, 5	
		Acute toxicity, inhalation (chapter 3.1)	4, 5	
		<del>Acute toxicity, inhalation (chapter 3.1)</del>	<del>5</del>	
		Specific target organ toxicity, single exposure; respiratory tract irritation (chapter 3.8)	3	
		Specific target organ toxicity, single exposure; narcotic effects (chapter 3.8)	3	
P332	<b>If skin irritation occurs:</b>	Skin irritation (chapter 3.2)	2, 3	<i>– may be omitted if P333 is given on the label</i>
P375	<b>Fight fire remotely due to the risk of explosion.</b>	Explosives (chapter 2.1)	Division 1.4	<i>– for explosives of division 1.4 (compatibility group S) in transport packaging.</i>
		Self-reactive substances and mixtures (chapter 2.8)	Type B	
		Oxidizing liquids (chapter 2.13)	1	
		Oxidizing solids (chapter 2.14)	1	
		Organic peroxides (chapter 2.15)	Type B	
		Desensitized explosives (chapter 2.17)	1, 2, 3, 4	

**Table A3.2.5: Codification of disposal precautionary statements**

Code (1)	Disposal precautionary statements (2)	Hazard class (3)	Hazard category (4)	Conditions for use (5)
P501	Dispose of contents/container to...	Explosives (chapter 2.1)	Unstable explosives and Divisions 1.1, 1.2, 1.3, 1.4, 1.5	...in accordance with local/regional/national/international regulation (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.
		Flammable liquids (chapter 2.6)	1, 2, 3, 4	
		Self-reactive substances and mixtures (chapter 2.8)	Types A, B, C, D, E, F	
		Substances and mixtures which, in contact with water, emit flammable gases (chapter 2.12)	1, 2, 3	
		Oxidizing liquids (chapter 2.13)	1, 2, 3	
		Oxidizing solids (chapter 2.14)	1, 2, 3	
		Organic peroxides (chapter 2.15)	Types A, B, C, D, E, F	
		Desensitized explosives (chapter 2.17)	1, 2, 3, 4	
		Acute toxicity, oral (chapter 3.1)	1, 2, 3, 4	
		Acute toxicity, dermal (chapter 3.1)	1, 2, 3, 4	
		Acute toxicity, inhalation (chapter 3.1)	1, 2, 3	
		Skin corrosion (chapter 3.2)	1A, 1B, 1C	
		Respiratory sensitization (chapter 3.4)	1, 1A, 1B	
		Skin sensitization (chapter 3.4)	1, 1A, 1B	
		Germ cell mutagenicity (chapter 3.5)	1A, 1B, 2	
		Carcinogenicity (chapter 3.6)	1A, 1B, 2	
		Reproductive toxicity (chapter 3.7)	1A, 1B, 2	
Specific target organ toxicity, single exposure (chapter 3.8)	1, 2			
Specific target organ toxicity, single exposure; respiratory tract irritation (chapter 3.8)	3			

Code (1)	Disposal precautionary statements (2)	Hazard class (3)	Hazard category (4)	Conditions for use (5)
		Specific target organ toxicity, single exposure; narcotic effects (chapter 3.8)	3	
		Specific target organ toxicity, repeated exposure (chapter 3.9)	1, 2	
		Aspiration hazard (chapter 3.10)	1, 2	
		Hazardous to the aquatic environment, acute hazard (chapter 4.1)	1, 2, 3	
		Hazardous to the aquatic environment, long- term hazard (chapter 4.1)	1, 2, 3, 4	

