

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

20 September 2018

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

Thirty- sixth session

Geneva, 5-7 December 2018

Item 4 (b) of the provisional agenda

Hazard communication:

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

Proposed changes to P201 and P202

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.4/2018/31. New text is shown in red, and deleted text is shown in ~~strikethrough~~.

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Annex 3

Section 2

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)
P103	Read carefully and follow all instructions.	as appropriate		Consumer products - omit where P202 P203 is used.


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 Deleted	Obtain special instructions before use.	Explosives (chapter 2.1)	Unstable explosive	omit for consumer products where P202 is used.
		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 Deleted	Do not handle until all safety precautions have been read and understood.	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	
		Reproductive toxicity, effects on or via lactation (chapter 3.7)	Additional category	
P203	Read and follow all safety instructions before use.	Explosives (chapter 2.1)	Unstable explosive	
		Flammable gases (chapter 2.2)	A, B (chemically unstable gases)	
		Germ cell mutagenicity (chapter 3.5)	1, 1A, 1B, 2	
		Carcinogenicity (chapter 3.6)	1, 1A, 1B, 2	
		Reproductive toxicity (chapter 3.7)	1, 1A, 1B, 2	
		Reproductive toxicity, effects on or via lactation (chapter 3.7)	Additional category	

Annex 3

Section 3

EXPLOSIVES (Chapter 2.1)


Hazard category	Symbol		Signal word	Hazard statement
Unstable explosive	Exploding bomb		Danger	H200 Unstable explosive

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P201 Obtain special instructions before use.</p> <p>P203 Read and follow all safety instructions before use.</p> <p>P250 Do not subject to grinding/shock/friction/... <i>– if the explosive is mechanically sensitive.</i> ...Manufacturer/supplier or the competent authority to specify applicable rough handling.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/... Manufacturer/supplier or the competent authority to specify the appropriate personal protective equipment.</p>	<p>P370 + P372 + P380 + P373 In case of fire: Explosion risk. Evacuate area. DO NOT fight fire when fire reaches explosives.</p>	<p>P401 Store in accordance with... ... Manufacturer/supplier or the competent authority to specify local/regional/national/international regulations as applicable.</p>	<p>P503 Refer to manufacturer/supplier/...for information on disposal/recovery/recycling. ... Manufacturer/supplier or the competent authority to specify appropriate source of information in accordance with local/regional/national/international regulations as applicable.</p>

FLAMMABLE GASES

(Chapter 2.2)

(Chemically unstable gases)


Hazard category	Symbol	Signal word	Hazard statement
1A, chemically unstable gas A	Flame 	Danger	H220 Extremely flammable gas H230 May react explosively even in the absence of air
1A, chemically unstable gas B	Flame	Danger	H220 Extremely flammable gas H231 May react explosively even in the absence of air at elevated pressure and/or temperature

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P202P203 Do not handle until all safety precautions have been read and understood. Read and follow all safety instructions before use.</p> <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p>	<p>P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely.</p> <p>P381 In case of leakage, eliminate all ignition sources.</p>	<p>P403 Store in a well-ventilated place.</p>	

Note: This table lists only the precautionary statement that is assigned due to the flammability and the chemical instability of the gas. For the other precautionary statements that are assigned based on the pyrophoricity see the respective table for pyrophoric gas.

GERM CELL MUTAGENICITY


(CHAPTER 3.5)

Hazard category	Symbol	Signal word	Hazard statement
1, 1A, 1B		Danger	H340 May cause genetic defects <...>
2		Warning	H341 Suspected of causing genetic defects <...>

<...> (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P201 Obtain special instructions before use. —omit for consumer products where P202 is used.</p> <p>P202P203 Do not handle until all safety precautions have been read and understood Read and follow all safety instructions before use.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/... Manufacturer/supplier or the competent authority to specify the appropriate personal protective equipment.</p>	<p>P308 + P313 IF exposed or concerned: Get medical advice/attention. Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</p>	<p>P405 Store locked up</p>	<p>P501 Dispose of contents/container to... ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

CARCINOGENICITY (CHAPTER 3.6)

Hazard category	Symbol	Signal word	Hazard statement
1, 1A, 1B		Danger	H350 May cause cancer <...>
2		Warning	H351 Suspected of causing cancer <...>

<...> (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P201 Obtain special instructions before use. —omit for consumer products where P202 is used.</p> <p>P202P203 Do not handle until all safety precautions have been read and understood Read and follow all safety instructions before use.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/... Manufacturer/supplier or the competent authority to specify the appropriate personal protective equipment.</p>	<p>P308 + P313 IF exposed or concerned: Get medical advice/attention. Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</p>	<p>P405 Store locked up.</p>	<p>P501 Dispose of contents/container to... ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

REPRODUCTIVE TOXICITY (CHAPTER 3.7)

Hazard category	Symbol	Signal word	Hazard statement
1, 1A, 1B	Health hazard	Danger	H360 May damage fertility or the unborn child <...> <<...>>
2	Health hazard	Warning	H361 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)



Precautionary statements			
Prevention	Response	Storage	Disposal
<p>P201 Obtain special instructions before use. —omit for consumer products where P202 is used.</p> <p>P202P203 Do not handle until all safety precautions have been read and understood. Read and follow all safety instructions before use.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/... Manufacturer/supplier or the competent authority to specify the appropriate personal protective equipment.</p>	<p>P308 + P313 IF exposed or concerned: Get medical advice/attention. Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</p>	<p>P405 Store locked up.</p>	<p>P501 Dispose of contents/container to... ... in accordance with local/regional/national/international regulations (to be specified). Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.</p>

REPRODUCTIVE TOXICITY
(CHAPTER 3.7)
(effects on or via lactation)

Hazard category <i>(additional)</i>	Symbol <i>No symbol</i>	Signal word <i>No signal word</i>	Hazard statement H362 May cause harm to breast-fed children	
Precautionary statements				
Prevention	Response	Storage	Disposal	
<p>P201 Obtain special instructions before use. —omit for consumer products where P202 is used.</p> <p>P202P203 Do not handle until all safety precautions have been read and understood. Read and follow all safety instructions before use.</p> <p>P260 Do not breathe dusts or mists. — if inhalable particles of dusts or mists may occur during use.</p> <p>P263 Avoid contact during pregnancy and while nursing.</p> <p>P264 Wash ... thoroughly after handling. ...Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p>	<p>P308 + P313 IF exposed or concerned: Get medical advice/attention. Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.</p>			