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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 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~~.

New text is shown in red. Deleted text is shown in ~~strikethrough.~~

2

UN/SCEGHS/36/INF.8

Annex 3

Section 2

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

| **Code** | **General precautionary statements** | **Hazard class** | **Hazard category** | **Conditions for use** |
| --- | --- | --- | --- | --- |
| **(1)** | **(2)** | **(3)** | **(4)** | **(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** | **Prevention precautionary statements** | **Hazard class** | **Hazard category** | **Conditions for use** |
| --- | --- | --- | --- | --- |
| **(1)** | **(2)** | **(3)** | **(4)** | **(5)** |
| ~~P201~~  Deleted | ~~Obtain special instructions before use.~~ | ~~Explosives (chapter 2.1)~~ | ~~Unstable explosive~~ |  |
| ~~Germ cell mutagenicity (chapter 3.5)~~ | ~~1A, 1B, 2~~ | ~~-~~ *~~omit for consumer products where P202 is used.~~* |
| ~~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

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| **EXPLOSIVES****(Chapter 2.1)** | | | | | |
| **Hazard category** | **Symbol** |  | **Signal word** | **Hazard statement** | |
| Unstable explosive | Exploding bomb | Danger | H200 | Unstable explosive |

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| --- | --- | --- | --- |
| **Precautionary statements** | | | |
| **Prevention** | **Response** | **Storage** | **Disposal** |
| ~~P201~~ **~~Obtain special instructions before use.~~**  P203 Read and follow all safety instructions before use.  P250 **Do not subject to grinding/shock/friction/…** – *if the explosive is mechanically sensitive*. …Manufacturer/supplier or the competent authority to specify applicable rough handling.  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. | P370 + P372 + P380 + P373 **In case of fire: Explosion risk.** **Evacuate area. DO NOT fight fire when fire reaches explosives.** | P401 **Store in accordance with...** … Manufacturer/supplier or the competent authority to specify local/regional/ national/international regulations as applicable. | 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. |

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| **FLAMMABLE GASES****(Chapter 2.2)****(Chemically unstable gases)** | | | | | | | | | |
|  | | | | | | | | | | |
| **Hazard category** | **Symbol** | | | **Signal word** | **Hazard statement** | | | | | |
| 1A, chemically unstable gas A | Flame |  | | Danger | H220 H230 | Extremely flammable gas May react explosively even in the absence of air | | | | |
| 1A, chemically unstable gas B | Flame |  | | Danger | H220 H231 | Extremely flammable gas May react explosively even in the absence of air at elevated pressure and/or temperature | | | | |
| **Precautionary statements** | | | | | | | | | |
| **Prevention** | | | **Response** | | | | **Storage** | **Disposal** | |
| ~~P202~~P203 **~~Do not handle until all safety precautions have been read and understood.~~** Read and follow all safety instructions before use.  P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.** | | | P377 **Leaking gas fire: Do not extinguish, unless leak can be stopped safely.**  P381 **In case of leakage, eliminate all ignition sources.** | | | | P403  **Store in a well-ventilated place.** |  | |

***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.*

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| **GERM CELL MUTAGENICITY**  **(CHAPTER 3.5)** | | | | | | | | |
| **Hazard category** | **Symbol** |  | | **Signal word** | **Hazard statement** | | | |
| 1, 1A, 1B | Health hazard | Danger | H340 | May cause genetic defects <...> | | |
| 2 | Health hazard | 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** |
| ~~P201~~ **~~Obtain special instructions before use.~~** ~~-~~ *~~omit for consumer products where P202 is used.~~*  ~~P202~~P203 **~~Do not handle until all safety precautions have been read and understood~~**  Read and follow all safety instructions before use.  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. | | | P308 + P313 **IF exposed or concerned: Get medical advice/attention.**  Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate. | | | | P405 **Store locked up** | 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. |

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| **CARCINOGENICITY**  **(CHAPTER 3.6)** | | | | | | | | | |
|  | | | | | | | | | |
| **Hazard category** | **Symbol** |  | | **Signal word** | **Hazard statement** | | | | |
| 1, 1A, 1B | Health hazard | Danger | H350 | May cause cancer <...> | | | |
| 2 | Health hazard | 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** |
| ~~P201~~ **~~Obtain special instructions before use.~~** ~~-~~ *~~omit for consumer products where P202 is used.~~*  ~~P202~~P203 **~~Do not handle until all safety precautions have been read and understood~~** Read and follow all safety instructions before use.  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. | | | | P308 + P313 **IF exposed or concerned: Get medical advice/attention.** Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate. | | | | P405 **Store locked up.** | 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. |

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| **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** |
| ~~P201~~ **~~Obtain special instructions before use.~~** ~~-~~ *~~omit for consumer products where P202 is used.~~*  ~~P202~~P203 **~~Do not handle until all safety precautions have been read and understood.~~** Read and follow all safety instructions before use.  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. | | | | P308 + P313 **IF exposed or concerned: Get medical advice/attention.** Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate. | | | | P405 **Store locked up.** | 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. |

UN/SCEGHS/36/INF.8

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| **REPRODUCTIVE TOXICITY**  **(CHAPTER 3.7)**  **(effects on or via lactation)** | | | | | | | | |
|  | | | | | | | | |
| **Hazard category** | **Symbol** | | **Signal word** | **Hazard statement** | | | | |
| *(additional)* | *No symbol* | | *No signal word* | H362 | | May cause harm to breast-fed children | | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | | **Response** | | | **Storage** | | **Disposal** |
| ~~P201~~ **~~Obtain special instructions before use.~~** ~~-~~ *~~omit for consumer products where P202 is used.~~*  ~~P202~~P203 **~~Do not handle until all safety precautions have been read and understood.~~** Read and follow all safety instructions before use.  P260 **Do not breathe dusts or mists.** *– if inhalable particles of dusts or mists may occur during use.*  P263 **Avoid contact during pregnancy and while nursing.**  P264 **Wash … thoroughly after handling.** …Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.  P270 **Do not eat, drink or smoke when using this product.** | | | P308 + P313 **IF exposed or concerned: Get medical advice/attention.** Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate. | | |  | |  |