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| **UN/SCEGHS/32/INF.3** |
| **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** 15 September 2016  **Thirty-second session**  Geneva, 7– 9 (morning) December 2016  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** | **General precautionary statements** | **Hazard class** | **Hazard category** | **Conditions for use** |
| --- | --- | --- | --- | --- |
| **(1)** | **(2)** | **(3)** | **(4)** | **(5)** |
| P101 | **If medical advice is needed, have product container or label at hand.** | as appropriate |  | Consumer products |
| P102 | Keep out of reach of children. | as appropriate |  | Consumer products |
| P103 | ~~Read label before use.~~  *Read carefully and follow all instructions.* | as appropriate |  | Consumer products  *– omit where P202 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 | 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 | 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* |

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| --- | --- | --- | --- | --- |
| P231 + P232 | Handle and store contents under inert gas/.... **Protect from moisture.** | ~~Pyrophoric liquids (chapter 2.9)~~ | ~~1~~ | *~~…Manufacturer/supplier or the competent authority to specify appropriate liquid or gas if “inert gas” is not appropriate.~~* |
| ~~Pyrophoric solids (chapter 2.10)~~ | ~~1~~ |
| Substances and mixtures which, in contact with water, emit flammable gases (chapter 2.12) | 1, 2, 3 | *– if the substance or mixture reacts readily with moisture in air.*  …Manufacturer/supplier or the competent authority to specify appropriate liquid or gas if “inert gas” is not appropriate. |

Table A3.2.3: Codification of response precautionary statements

| **Code** | **Response precautionary statements** | **Hazard class** | **Hazard category** | **Conditions for use** | |
| --- | --- | --- | --- | --- | --- |
| **(1)** | **(2)** | **(3)** | **(4)** | **(5)** | |
| P301 | IF SWALLOWED: | 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 | IF ON SKIN: | 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 | **Call a POISON CENTER/doctor/…if you feel unwell.** | Acute toxicity, oral (chapter 3.1) | 4*, 5* | | …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice. |
| ~~Acute toxicity, oral (chapter 3.1)~~ | ~~5~~ | |
| Acute toxicity, dermal (chapter 3.1) | 3, 4, 5 | |
| Acute toxicity, inhalation (chapter 3.1) | 4*, 5* | |
| ~~Acute toxicity, inhalation (chapter 3.1)~~ | ~~5~~ | |
| 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 | If skin irritation occurs: | Skin irritation (chapter 3.2) | 2, 3 | | *– may be omitted if P333 is given on the label* |
| P375 | Fight fire remotely due to the risk of explosion. | Explosives (chapter 2.1) | Division 1.4 | | *– for explosives of division 1.4 (compatibility group S) in transport packaging.* |
| 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** | | **Disposal precautionary statements** | | **Hazard class** | | **Hazard category** | | **Conditions for use** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **(1)** | | **(2)** | | **(3)** | | **(4)** | | **(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 |
| 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 |