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

<table>
<thead>
<tr>
<th>Code</th>
<th>General precautionary statements</th>
<th>Hazard class</th>
<th>Hazard category</th>
<th>Conditions for use</th>
</tr>
</thead>
<tbody>
<tr>
<td>P101</td>
<td>If medical advice is needed, have product container or label at hand.</td>
<td>as appropriate</td>
<td>as appropriate</td>
<td>Consumer products</td>
</tr>
<tr>
<td>P102</td>
<td>Keep out of reach of children.</td>
<td>as appropriate</td>
<td>as appropriate</td>
<td>Consumer products</td>
</tr>
<tr>
<td>P103</td>
<td>Read label before use. &lt;br&gt; <em>Read carefully and follow all instructions.</em></td>
<td>as appropriate</td>
<td>as appropriate</td>
<td>Consumer products &lt;br&gt;– omit where P202 is used.</td>
</tr>
</tbody>
</table>
**Table A3.2.2: Codification of prevention precautionary statements**

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Response precautionary statements</th>
<th>Hazard class (1)</th>
<th>Hazard category (2)</th>
<th>Conditions for use (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>P301</td>
<td>IF SWALLOWED:</td>
<td>Acute toxicity, oral (chapter 3.1)</td>
<td>1, 2, 3, 4, 5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin corrosion (chapter 3.2)</td>
<td>IA, IB, IC</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aspiration hazard (chapter 3.10)</td>
<td>1, 2</td>
<td></td>
</tr>
<tr>
<td>P302</td>
<td>IF ON SKIN:</td>
<td>Pyrophoric liquids (chapter 2.9)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pyrophoric solids (chapter 2.10)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Substances and mixtures which, in contact with water, emit flammable gases (chapter 2.12)</td>
<td>1, 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute toxicity, dermal (chapter 3.1)</td>
<td>1, 2, 3, 4, 5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin irritation (chapter 3.2)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin sensitization (chapter 3.4)</td>
<td>1, 1A, 1B</td>
<td></td>
</tr>
<tr>
<td>P312</td>
<td>Call a POISON CENTER/doctor/…if you feel unwell.</td>
<td>Acute toxicity, oral (chapter 3.1)</td>
<td>4, 5</td>
<td>…Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute toxicity, oral (chapter 3.1)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute toxicity, dermal (chapter 3.1)</td>
<td>3, 4, 5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute toxicity, inhalation (chapter 3.1)</td>
<td>4, 5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute toxicity, inhalation (chapter 3.1)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Specific target organ toxicity, single exposure; respiratory tract irritation (chapter 3.8)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Specific target organ toxicity, single exposure; narcotic effects (chapter 3.8)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>P332</td>
<td>If skin irritation occurs:</td>
<td>Skin irritation (chapter 3.2)</td>
<td>2, 3</td>
<td>– may be omitted if P333 is given on the label</td>
</tr>
<tr>
<td>P375</td>
<td>Fight fire remotely due to the risk of explosion.</td>
<td>Explosives (chapter 2.1)</td>
<td>Division 1.4</td>
<td>– for explosives of division 1.4 (compatibility group S) in transport packaging.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Self-reactive substances and mixtures (chapter 2.8)</td>
<td>Type B</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oxidizing liquids (chapter 2.13)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oxidizing solids (chapter 2.14)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Organic peroxides (chapter 2.15)</td>
<td>Type B</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Desensitized explosives (chapter 2.17)</td>
<td>1, 2, 3, 4</td>
<td></td>
</tr>
</tbody>
</table>
Table A3.2.5: Codification of disposal precautionary statements

<table>
<thead>
<tr>
<th>Code (1)</th>
<th>Disposal precautionary statements (2)</th>
<th>Hazard class (3)</th>
<th>Hazard category (4)</th>
<th>Conditions for use (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>P501</td>
<td>Dispose of contents/container to...</td>
<td>Explosives (chapter 2.1)</td>
<td>Unstable explosives and Divisions 1.1, 1.2, 1.3, 1.4, 1.5</td>
<td>…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.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Flammable liquids (chapter 2.6)</td>
<td>1, 2, 3, 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Self-reactive substances and mixtures (chapter 2.8)</td>
<td>Types A, B, C, D, E, F</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Substances and mixtures which, in contact with water, emit flammable gases (chapter 2.12)</td>
<td>1, 2, 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oxidizing liquids (chapter 2.13)</td>
<td>1, 2, 3</td>
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</tr>
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<td></td>
<td></td>
<td>Oxidizing solids (chapter 2.14)</td>
<td>1, 2, 3</td>
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<td></td>
<td>Organic peroxides (chapter 2.15)</td>
<td>Types A, B, C, D, E, F</td>
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<td>Desensitized explosives (chapter 2.17)</td>
<td>1, 2, 3, 4</td>
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<td></td>
<td>Acute toxicity, dermal (chapter 3.1)</td>
<td>1, 2, 3, 4</td>
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<td>Acute toxicity, inhalation (chapter 3.1)</td>
<td>1, 2, 3</td>
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<td></td>
<td></td>
<td>Skin corrosion (chapter 3.2)</td>
<td>1A, 1B, 1C</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Respiratory sensitization (chapter 3.4)</td>
<td>1, 1A, 1B</td>
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<tr>
<td></td>
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<td>Skin sensitization (chapter 3.4)</td>
<td>1, 1A, 1B</td>
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<tr>
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<td></td>
<td>Germ cell mutagenicity (chapter 3.5)</td>
<td>1A, 1B, 2</td>
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<td></td>
<td></td>
<td>Carcinogenicity (chapter 3.6)</td>
<td>1A, 1B, 2</td>
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<tr>
<td></td>
<td></td>
<td>Reproductive toxicity (chapter 3.7)</td>
<td>1A, 1B, 2</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Specific target organ toxicity, single exposure (chapter 3.8)</td>
<td>1, 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Specific target organ toxicity, single exposure; respiratory tract irritation (chapter 3.8)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>Disposal precautionary statements</td>
<td>Hazard class</td>
<td>Hazard category</td>
<td>Conditions for use</td>
</tr>
<tr>
<td>-------</td>
<td>---------------------------------------------------------------------------------------------------</td>
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<td>-------------------</td>
</tr>
<tr>
<td>(1)</td>
<td>Specific target organ toxicity, single exposure; narcotic effects (chapter 3.8)</td>
<td>(2)</td>
<td>(3)</td>
<td>(4)</td>
</tr>
<tr>
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<td>Specific target organ toxicity, repeated exposure (chapter 3.9)</td>
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<td>Aspiration hazard (chapter 3.10)</td>
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</tr>
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<td>Hazardous to the aquatic environment, acute hazard (chapter 4.1)</td>
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<td></td>
<td>Hazardous to the aquatic environment, long-term hazard (chapter 4.1)</td>
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</table>