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| **UN/SCEGHS/32/INF.3/Add.2** |
| **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 3 (matrix 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 addendum shows marked up changes to table A3.3.5 in Section 3 of Annex 3 of the GHS “Matrix of precautionary statements by hazard class category”, as indicated in document ST/SG/AC.10/2016/17, paragraph 9.

2. New proposed wording is shown in underlined italics, *thus*.

3. The symbol and accompanying description have been moved from the right of the page to be included in the columns, this is not shown in the mark up.

4. Where a new line has been included in its entirety (e.g. Explosives Division 1.5 on page 3) this has been moved from a previously separate page. These formerly separate pages are not shown.

Changes to the matrix tables in Section 3 of Annex 3 of the GHS “Matrix of precautionary statements by hazard class category”,

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| **EXPLOSIVES** **(Chapter 2.1)** | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word(s)** | | **Hazard statement (s)** | |
| Unstable explosive | *Exploding bomb* | |  | Danger | | H200 | Unstable explosive |
| **Precautionary statements** | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | **Disposal** |
| P201 **Obtain special 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.** Manufacturer/supplier or the competent authority to specify the appropriate type of 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. | | 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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| **EXPLOSIVES**  **(Chapter 2.1)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| Division 1.1 | *Exploding bomb* |  | | Danger | | H200 | Explosive; mass explosion hazard | |
| Division 1.2 | *Exploding bomb* | Danger | | H202 | Explosive; severe projection hazard | |
| Division 1.3 | *Exploding bomb* | Danger | | H203 | Explosive; fire, blast or projection hazard | |
| *Division 1.5* | *No symbol* | *No symbol* | | *Danger* | | *H205* | *May mass explode in fire* | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | | **Response** | | **Storage** | | | **Disposal** |
| P210 **Keep away from** **heat, hot surfaces, sparks, open flames and other ignition sources.** **No smoking.**  P230 **Keep wetted with...** *– for substances and mixtures which are wetted, diluted, dissolved or suspended with a phlegmatizer in order to reduce or suppress their explosive properties (desensitized explosives).* … Manufacturer/supplier or the competent authority to specify appropriate material.  P234 **Keep only in original packaging.**  P240 **Ground and bond container and receiving equipment.** *– if the explosive is electrostatically sensitive.*  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.** Manufacturer/supplier or the competent authority to specify the appropriate type of 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. | | | 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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| **EXPLOSIVES**  **(Chapter 2.1)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| Division 1.4 | *Exploding bomb* | |  | Warning | | H204 | Fire or projection hazard | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P210 **Keep away from** **heat, hot surfaces, sparks, open flames and other ignition sources**. **No smoking**.  P234 **Keep only in original packaging.**  P240 **Ground and bond container and receiving equipment.** *– if the explosive is electrostatically sensitive.*  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.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | | P370 + P372 + P380 **+** P373 **In case of fire: Explosion risk. Evacuate area. DO NOT fight fire when fire reaches explosives.** *– except for explosives of division 1.4 (compatibility group S) in transport packaging.*  P370 + P380 + P375 **In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.** *– for explosives of division 1.4 (compatibility group S) in transport packaging.* | | | P401 **Store in accordance with…** … Manufacturer/supplier or the competent authority to specify local/regional/ national/international regulations as applicable. | | | 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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| **FLAMMABLE GASES**  **(Chapter 2.2)**  **(Flammable gases)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Flame* | |  | Danger | | H220 | Extremely flammable gas | |
| 2 | *No symbol* | | *No symbol* | *Warning* | | *H221* | *Flammable gas* | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| 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.** | | |  |

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| **FLAMMABLE GASES**  **(Chapter 2.2)**  **(Pyrophoric gases)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| Pyrophoric gas | *Flame* | |  | Danger | | H232 | May ignite spontaneously if exposed to air | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P222 **Do not allow contact with air. –** *if emphasis of the hazard statement is deemed necessary.*  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | |  | | |  | | |  |

***Note****: This table lists only precautionary statements that are assigned due to the pyrophoricity of the gas. For the other precautionary statements that are assigned based on the flammability, see the respective tables for flammable gases.*

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| **FLAMMABLE GASES**  **(Chapter 2.2)**  **(Chemically unstable gases)** | | | | | | | |
| **Hazard category** | ***Symbol*** | | **Signal word** | | **Hazard statement** | | |
| A | *No additional symbol* | | *No additional signal word* | | H230 | May react explosively even in the absence of air | |
| B | *No additional symbol* | | *No additional signal word* | | H231 | May react explosively even in the absence of air at elevated pressure and/or temperature | |
| **Precautionary statements** | | | | | | | |
| **Prevention** | | **Response** | | **Storage** | | | **Disposal** |
| P202 **Do not handle until all safety precautions have been read and understood.** | |  | |  | | |  |

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

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| **AEROSOLS**  **(Chapter 2.3)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Flame* | |  | Danger | | H222 | Extremely flammable aerosol | |
| H229 | Pressurized container: may burst if heated | |
| 2 | *Flame* | | Warning | | H223 | Flammable aerosol | |
| H229 | Pressurized container: may burst if heated | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**  P211 **Do not spray on an open flame or other ignition source.**  P251 **Do not pierce or burn, even after use.** | |  | | | P410 + P412 **Protect from sunlight. Do not expose to temperatures exceeding 50 ºC/122 ºF.**  Manufacturer/supplier or the competent authority to use applicable temperature scale. | | |  |

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| **AEROSOLS**  **(Chapter 2.3)** | | | | | | | |
| **Hazard category** | ***Symbol*** | | **Signal word** | | **Hazard statement** | | |
| 3 | *No symbol* | | Warning | | H229 | Pressurized container: may burst if heated | |
| **Precautionary statements** | | | | | | | |
| **Prevention** | | **Response** | | **Storage** | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**  P251 **Do not pierce or burn, even after use.** | |  | | P410 + P412 **Protect from sunlight. Do not expose to temperatures exceeding 50 ºC/122 ºF.**  Manufacturer/supplier or the competent authority to use applicable temperature scale. | | |  |

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| **OXIDIZING GASES**  **(Chapter 2.4)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Flame over circle* | |  | Danger | | H270 | May cause or intensify fire; oxidizer | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P220 **Keep away from clothing and other combustible materials.**  P244 **Keep valves and fittings free from oil and grease.** | | P370 + P376 **In case of fire: Stop leak if safe to do so.** | | | P403 **Store in a well-ventilated place.** | | |  |

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| **GASES UNDER PRESSURE**  **(Chapter 2.5)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | | **Signal word** | **Hazard statement** | | |
| Compressed gas | *Gas cylinder* | |  | | Warning | H280 | Contains gas under pressure; may explode if heated | |
| Liquefied gas | *Gas cylinder* | | Warning | H280 | Contains gas under pressure; may explode if heated | |
| Dissolved gas | *Gas cylinder* | | Warning | H280 | Contains gas under pressure; may explode if heated | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | **Storage** | | | | **Disposal** |
|  | |  | | P410 + P403 **Protect from sunlight. Store in a well-ventilated place.** *– P410 may be omitted for gases filled in transportable gas cylinders in accordance with packing instruction P200 of the UN Recommendations on the Transport of Dangerous Goods, Model Regulations, unless those gases are subject to (slow) decomposition or polymerisation, or the competent authority provides otherwise.* | | | |  |

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| **GASES UNDER PRESSURE**  **(Chapter 2.5)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | **Hazard statement** | | | |
| Refrigerated liquefied gas | *Gas cylinder* | |  | Warning | H281 | | Contains refrigerated gas; may cause cryogenic burns or injury | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | | **Storage** | | **Disposal** |
| P282 **Wear cold insulating gloves and either face shield or eye protection.** | | P336 + P315 **Thaw frosted parts with lukewarm water. Do not rub affected area. Get immediate medical advice/attention.** Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate. | | | | P403 **Store** **in a well-ventilated place.** | |  |

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| **FLAMMABLE LIQUIDS**  **(Chapter 2.6)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | **Hazard statement** | | | |
| 1 | *Flame* |  | | Danger | H224 | | Extremely flammable liquid and vapour | |
| 2 | *Flame* | Danger | H225 | | Highly flammable liquid and vapour | |
| 3 | *Flame* | Warning | H226 | | Flammable liquid and vapour | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | | **Response** | | | **Storage** | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**  P233 **Keep container** **tightly** **closed.**  *– if the liquid is volatile and may generate an explosive atmosphere.*  P240 **Ground and bond container and receiving equipment.**  *– if the liquid is volatile and may generate an explosive atmosphere.*  P241 **Use explosion-proof [electrical/ventilating/lighting/...] equipment.** *– if the liquid is volatile and may generate an explosive atmosphere.*  *– text in square brackets may be used to specify specific electrical, ventilating, lighting or other equipment if necessary and as appropriate.*  *– precautionary statement may be omitted where local or national legislation introduces more specific provisions.*.  P242 **Use non-sparking tools.**  *– if the liquid is volatile and may generate an explosive atmosphere and if the minimum ignition energy is very low. (This applies to substances and mixtures where the minimum ignition energy is <0.1mJ, e.g. carbon disulphide).*  P243 **Take action to prevent static discharges.**  *– if the liquid is volatile and may generate an explosive atmosphere.*  *– may be omitted where local or national legislation introduces more specific provisions.*  P280  **Wear protective gloves/protective clothing/eye protection/face protection** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | | | P303 + P361 + P353 **IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].** *– text in square brackets to be included where the manufacturer/supplier or the competent authority considers it appropriate for the specific chemical.*  P370 + P378 **In case of fire: Use ... to extinguish.** *– if water increases risk.* ... Manufacturer/supplier or the competent authority to specify appropriate media. | | | P403 + P235 **Store in a well-ventilated place. Keep cool.** – *for flammable liquids Category 1 and other flammable liquids that are volatile and may generate an explosive atmosphere.* | | 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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| **FLAMMABLE LIQUIDS**  **(Chapter 2.6)** | | | | | | | |
| **Hazard category** | ***Symbol*** | | **Signal word** | | **Hazard statement** | | |
| 4 | *No symbol* | | Warning | | H227 | Combustible liquid | |
| **Precautionary statements** | | | | | | | |
| **Prevention** | | **Response** | | **Storage** | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**  P280 **Wear protective gloves/protective clothing/eye protection/face protection** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | | P370 + P378 **In case of fire: Use ... to extinguish.** – *if water increases risk.* ... Manufacturer/supplier or the competent authority to specify appropriate media. | | P403  **Store in a well-ventilated place.** – *for flammable liquids Category 1 and other flammable liquids that are volatile and may generate an explosive atmosphere.* | | | 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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| **FLAMMABLE SOLIDS**  **(Chapter 2.7)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Flame* | |  | Danger | | H228 | Flammable solid | |
| 2 | *Flame* | | Warning | | H228 | Flammable solid | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.** **No smoking.**  P240 **Ground and bond container and receiving equipment.** *– if the solid is electrostatically sensitive.*  P241 **Use explosion-proof [electrical/ventilating/ lighting/...]equipment. –** *if dust clouds can occur*. *– text in square brackets may be used to specify specific electrical, ventilating, lighting or other equipment if necessary and as appropriate. – precautionary statement may be omitted where local or national legislation introduces more specific provisions.*  P280 **Wear protective gloves/ protective clothing/eye protection/face protection** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | | P370 + P378 **In case of fire: Use ... to extinguish** – *if water increases risk.* ... Manufacturer/supplier or the competent authority to specify appropriate media. | | |  | | |  |

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| **SELF-REACTIVE SUBSTANCES AND MIXTURES**  **(Chapter 2.8)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| Type A | *Exploding bomb* | |  | Danger | | H240 | Heating may cause an explosion | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.** **No smoking.**  P234 **Keep** **only** **in original packaging.**  P235 **Keep cool.** – *may be omitted if P411 is given on the label.*  P240 **Ground and bond container and receiving equipment.** *– if electrostatically sensitive and able to generate an explosive atmosphere.*  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | | P370 + P372 + P380 + P373 **In case of fire: Explosion risk. Evacuate area. DO NOT fight fire when fire reaches explosives.** | | | P403  **Store in a well-ventilated place.** *– except for temperature controlled self-reactive substances and mixtures or organic peroxides because condensation and consequent freezing may take place.*  P411 **Store at temperatures not exceeding …°C/…°F.** *– if temperature control is required (according to section 2.8.2.3 or 2.15.2.3 of the GHS) or if otherwise deemed necessary.* ... Manufacturer/supplier or the competent authority to specify temperature using applicable temperature scale.  P420 **Store separately.** | | | 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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| **SELF-REACTIVE SUBSTANCES AND MIXTURES**  **(Chapter 2.8)** | | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | | | **Signal word** | **Hazard statement** | | |
| Type B | *Exploding bomb and Flame* | |  |  | | Danger | H241 | Heating may cause a fire or explosion | |
| **Precautionary statements** | | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.** **No smoking.**  P234 **Keep** **only** **in original packaging.**  P235 **Keep cool** – *may be omitted if P411 is given on the label.*  P240 **Ground and bond container and receiving equipment.** *– if electrostatically sensitive and able to generate an explosive atmosphere.*  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | | P370 + P380 + P375 [+ P378] **In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. [Use…to extinguish]** – *text in square brackets to be included if water increases risk.* ... Manufacturer/supplier or the competent authority to specify appropriate media. | | | P403  **Store in a well-ventilated place.** *– except for temperature controlled self-reactive substances and mixtures or organic peroxides because condensation and consequent freezing may take place.*  P411 **Store at temperatures not exceeding …°C/…°F.** *– if temperature control is required (according to section 2.8.2.3 or 2.15.2.3 of the GHS) or if otherwise deemed necessary.* ... Manufacturer/supplier or the competent authority to specify temperature using applicable temperature scale.  P420 **Store separately.** | | | | 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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| **SELF-REACTIVE SUBSTANCES AND MIXTURES**  **(Chapter 2.8)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| Type C | *Flame* | |  | Danger | | H242 | Heating may cause a fire | |
| Type D | *Flame* | | Danger | | H242 | Heating may cause a fire | |
| Type E | *Flame* | | Warning | | H242 | Heating may cause a fire | |
| Type F | *Flame* | | Warning | | H242 | Heating may cause a fire | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.** **No smoking.**  P234 **Keep** **only** **in original packaging.**  P235 **Keep cool** – *may be omitted if P411 is given on the label.*  P240 **Ground and bond container and receiving equipment.** *– if electrostatically sensitive and able to generate an explosive atmosphere.*  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | | P370 + P378 **In case of fire: Use ... to extinguish** – *if water increases risk.* ... Manufacturer/supplier or the competent authority to specify appropriate media. | | | P403  **Store in a well-ventilated place.** *– except for temperature controlled self-reactive substances and mixtures or organic peroxides because condensation and consequent freezing may take place.*  P411 **Store at temperatures not exceeding …°C/…°F.** *– if temperature control is required (according to section 2.8.2.3 or 2.15.2.3 of the GHS) or if otherwise deemed necessary.* ...Manufacturer/supplier or the competent authority to specify temperature using applicable temperature scale.  P420 **Store separately.** | | | 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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| **PYROPHORIC LIQUIDS**  **(Chapter 2.9)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Flame* | |  | Danger | | H250 | Catches fire spontaneously if exposed to air | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**  P222 **Do not allow contact with air. –** *if emphasis of the hazard statement is deemed necessary.*  P231 + P232 **Handle and store contents under inert gas/…. Protect from moisture.** …Manufacturer/supplier or the competent authority to specify appropriate liquid or gas if “inert gas” is not appropriate.  P233 **Keep container** **tightly** **closed.**  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | | P302 + P334 **IF ON SKIN: Immerse in cool water or wrap in wet bandages.**  P370 + P378 **In case of fire: Use ... to extinguish** – *if water increases risk.* ...Manufacturer/supplier or the competent authority to specify appropriate media. | | |  | | |  |

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| **PYROPHORIC SOLIDS**  **(Chapter 2.10)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Flame* | |  | Danger | | H250 | Catches fire spontaneously if exposed to air | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**  P222 **Do not allow contact with air.** *– if emphasis of the hazard statement is deemed necessary.*  P231 + P232 **Handle and store contents under inert gas/… Protect from moisture.** …Manufacturer/supplier or the competent authority to specify appropriate liquid or gas if “inert gas” is not appropriate.  P233 **Keep container** **tightly** **closed.**  P280 **Wear protective gloves/protective clothing/eye protection/face protection** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | | P302 + P335 + P334 **IF ON SKIN: Brush off loose particles from skin. Immerse in cool water or wrap in wet bandages.**  P370 + P378 **In case of fire: Use ... to extinguish** *– if water increases risk.* ... Manufacturer/supplier or the competent authority to specify appropriate media. | | |  | | |  |

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| **SELF-HEATING SUBSTANCES AND MIXTURES**  **(Chapter 2.11)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Flame* | |  | Danger | | H251 | Self-heating; may catch fire | |
| 2 | *Flame* | | Warning | | H252 | Self-heating in large quantities; may catch fire | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P235  **Keep cool.** *– may be omitted if P413 is given on the label.*  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | |  | | | P407 **Maintain air gap between stacks or pallets.**  P413 **Store bulk masses greater than … kg/…lbs at temperatures not exceeding …°C/…°F.** ... Manufacturer/supplier or the competent authority to specify mass and temperature using applicable scale.  P420 **Store separately.** | | |  |

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| **substances and mixtures WHICH, IN CONTACT WITH WATER, EMIT FLAMMABLE GASES**  **(Chapter 2.12)** | | | | | | | |
| **Hazard category** | ***Symbol*** | | **Signal word** | | **Hazard statement** | | |
| 1 | *Flame* |  | Danger | | H260 | In contact with water releases flammable gases, which may ignite spontaneously | |
| 2 | *Flame* | Danger | | H261 | In contact with water releases flammable gas | |
| **Precautionary statements** | | | | | | | |
| **Prevention** | **Response** | | | **Storage** | | | **Disposal** |
| P223 **Do not allow contact with water.** *– if emphasis of the hazard statement is deemed necessary.*  P231 + P232 **Handle and store contents under inert gas/... Protect from moisture.** *– 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.  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | P302 + P335 + P334 **IF ON SKIN: Brush off loose particles from skin and immerse in cool water.**  P370 + P378 **In case of fire: Use ... to extinguish** *– if water increases risk.* ... Manufacturer/supplier or the competent authority to specify appropriate media. | | | P402 + P404 **Store in a dry place. Store in a closed container.** | | | 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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| **substances and mixtures WHICH, IN CONTACT WITH WATER, EMIT FLAMMABLE GASES**  **(Chapter 2.12)** | | | | | | | | |
| **Hazard category** | | ***Symbol*** | | **Signal word** | | **Hazard statement** | | |
| 3 | | *Flame* |  | Warning | | H261 | In contact with water releases flammable gas | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | **Response** | | | | **Storage** | | | **Disposal** |
| P231 + P232 **Handle and store contents under inert gas/... Protect from moisture.** *– 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.  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | P370 + P378 **In case of fire: Use ... to extinguish.** *– if water increases risk.* ... Manufacturer/supplier or the competent authority to specify appropriate media. | | | | P402 + P404 **Store in a dry place. Store in a closed container.** | | | 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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| **OXIDIZING LIQUIDS**  **(Chapter 2.13)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Flame over circle* | |  | Danger | | H271 | May cause fire or explosion; strong oxidizer | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**  P220 **Keep away from clothing and other combustible materials.**  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment.  P283 **Wear fire resistant or flame retardant clothing.** | | P306 + P360 **IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.**  P371 + P380 + P375 **In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.**  P370 + P378 **In case of fire: Use ... to extinguish.** *– if water increases risk.*... Manufacturer/supplier or the competent authority to specify appropriate media. | | | P420 **Store separately.** | | | 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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| **OXIDIZING LIQUIDS**  **(Chapter 2.13)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 2 | *Flame over circle* | |  | Danger | | H272 | May intensify fire; oxidizer | |
| 3 | *Flame over circle* | | Warning | | H272 | May intensify fire; oxidizer | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**  P220 **Keep away from clothing and other combustible materials.**  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | | P370 + P378 **In case of fire: Use ... to extinguish.** *– if water increases risk.* ... Manufacturer/supplier or the competent authority to specify appropriate media. | | |  | | | 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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| **OXIDIZING SOLIDS**  **(Chapter 2.14)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Flame over circle* | |  | Danger | | H271 | May cause fire or explosion; strong oxidizer | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**  P220 **Keep away from clothing and other combustible materials.**  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment.  P283 **Wear fire resistant or flame retardant clothing.** | | P306 + P360 **IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.**  P371 + P380 + P375 **In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.**  P370 + P378 **In case of fire: Use ... to extinguish.** *– if water increases risk.* ... Manufacturer/supplier or the competent authority to specify appropriate media. | | | P420 **Store separately.** | | | 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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| **OXIDIZING SOLIDS**  **(Chapter 2.14)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 2 | *Flame over circle* | |  | Danger | | H272 | May intensify fire; oxidizer | |
| 3 | *Flame over circle* | | Warning | | H272 | May intensify fire; oxidizer | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**  P220 **Keep away from clothing and other combustible materials.**  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | | P370 + P378 **In case of fire: Use ... to extinguish.** *– if water increases risk.* ... Manufacturer/supplier or the competent authority to specify appropriate media. | | |  | | | 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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| **ORGANIC PEROXIDES**  **(Chapter 2.15)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| Type A | *Exploding bomb* | |  | Danger | | H240 | Heating may cause an explosion | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.** **No smoking.**  P234 **Keep only in original container.**  P235 **Keep cool.** *– may be omitted if P411 is given on the label.*  P240  **Ground and bond container and receiving equipment.** *– if electrostatically sensitive and able to generate an explosive atmosphere.*  P280 **Wear protective gloves/ protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | | P370 + P372 + P380 + P373 **In case of fire: Explosion risk. Evacuate area. DO NOT fight fire when fire reaches explosives.** | | | P403  **Store in a well-ventilated place.**  *– except for temperature controlled self-reactive substances and mixtures or organic peroxides because condensation and consequent freezing may take place.*  P410 **Protect from sunlight.**  P411  **Store at temperatures not exceeding …°C/…°F.** *– if temperature control is required (according to section 2.8.2.3 or 2.15.2.3 of the GHS) or if otherwise deemed necessary.*  ... Manufacturer/supplier or the competent authority to specify temperature using applicable temperature scale  P420 **Store separately.** | | | 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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| **ORGANIC PEROXIDES**  **(Chapter 2.15)** | | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | | | **Signal word** | **Hazard statement** | | |
| Type B | *Exploding bomb and Flame* | |  |  | | Danger | H241 | Heating may cause a fire or explosion | |
| **Precautionary statements** | | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.** **No smoking.**  P234 **Keep** **only** **in original packaging.**  P235 **Keep cool.** *– may be omitted if P411 is given on the label.*  P240 **Ground and bond container and receiving equipment.** *– if electrostatically sensitive and able to generate an explosive atmosphere.*  P280 **Wear protective gloves/ protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | | P370 + P380 + P375 [+ P378] **In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. [Use…to extinguish]** *– text in square brackets to be used if water increases risk.* …Manufacturer/supplier or the competent authority to specify appropriate media. | | | P403 **Store in a well-ventilated place.** *– except for temperature controlled self-reactive substances and mixtures or organic peroxides because condensation and consequent freezing may take place.*  P410 **Protect from sunlight.**  P411  **Store at temperatures not exceeding …°C/…°F.** *– if temperature control is required (according to section 2.8.2.3 or 2.15.2.3 of the GHS) or if otherwise deemed necessary.* …Manufacturer/supplier or the competent authority to specify temperature using applicable temperature scale.  P420 **Store separately.** | | | | 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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| **ORGANIC PEROXIDES**  **(Chapter 2.15)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| Type C | *Flame* | |  | Danger | | H242 | Heating may cause a fire | |
| Type D | *Flame* | | Danger | | H242 | Heating may cause a fire | |
| Type E | *Flame* | | Warning | | H242 | Heating may cause a fire | |
| Type F | *Flame* | | Warning | | H242 | Heating may cause a fire | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.** **No smoking.**  P234 **Keep** **only** **in original packaging.**  P235 **Keep cool.** *– may be omitted if P411 is given on the label.*  P240 **Ground and bond container and receiving equipment.** *– if electrostatically sensitive and able to generate an explosive atmosphere.*  P280 **Wear protective gloves/ protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of equipment. | | P370 + P378 **In case of fire: Use ... to extinguish.** *– if water increases risk.* ... Manufacturer/supplier or the competent authority to specify appropriate media. | | | P403  **Store in a well-ventilated place.** *– except for temperature controlled self-reactive substances and mixtures or organic peroxides because condensation and consequent freezing may take place.*  P410 **Protect from sunlight.**  P411  **Store at temperatures not exceeding …°C/…°F.** *– if temperature control is required (according to section 2.8.2.3 or 2.15.2.3 of the GHS) or if otherwise deemed necessary.*... Manufacturer/supplier or the competent authority to specify temperature using applicable temperature scale.  P420 **Store separately.** | | | 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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| **CORROSIVE TO METALS**  **(Chapter 2.16)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Corrosion* | |  | Warning | | H290 | May be corrosive to metals | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P234 **Keep** **only** **in original packaging.** | | P390 **Absorb** **spillage to prevent materialdamage.** | | | P406 **Store in a corrosion resistant/... container with a resistant inner liner.** *– may be omitted if P234 is given on the label* ...Manufacturer/supplier or the competent authority to specify other compatible materials. | | |  |

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| **Desensitized explosives**  **(Chapter 2.17)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | **Hazard statement** | | | |
| 1 | *Flame* |  | | Danger | H206 | | Fire, blast or projection hazard; increased risk of explosion if desensitizing agent is reduced | |
| 2 | *Flame* | Danger | H207 | | Fire or projection hazard; increased risk of explosion if desensitizing agent is reduced | |
| 3 | *Flame* | Warning | H207 | | Fire or projection hazard; increased risk of explosion if desensitizing agent is reduced | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | | **Response** | | | **Storage** | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**  P212 **Avoid heating under confinement or reduction of the desensitizing agent.**  P230 **Keep wetted with…** ...Manufacturer/supplier or the competent authority to specify appropriate material.  P233 **Keep container tightly closed.**  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** | | | P370+P380+P375 **In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.** | | | P401 **Store in accordance with…** …Manufacturer/supplier or the competent authority to specify local/regional/ national/international regulations as applicable. | | P501 **Dispose of contents/containers 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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| **Desensitized explosives**  **(Chapter 2.17)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | **Hazard statement** | | | |
| 4 | *Flame* |  | | Warning | H208 | | Fire hazard; increased risk of explosion if desensitizing agent is reduced | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | | **Response** | | | **Storage** | | **Disposal** |
| P210 **Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**  P212 **Avoid heating under confinement or reduction of the desensitizing agent.**  P230 **Keep wetted with…** ...Manufacturer/supplier or the competent authority to specify appropriate material.  P233 **Keep container tightly closed.**  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** | | | P371+P380+P375 **In case of major fire and large quantities: Evacuatearea. Fight fire remotely due to the risk of explosion.** | | | P401 **Store in accordance with…** …Manufacturer/supplier or the competent authority to specify local/regional/ national/international regulations as applicable. | | P501 **Dispose of contents/containers 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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| **ACUTE TOXICITY – ORAL**  **(Chapter 3.1)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Skull and crossbones* | |  | Danger | | H300 | Fatal if swallowed | |
| 2 | *Skull and crossbones* | | Danger | | H300 | Fatal if swallowed | |
| *3* | *Skull and crossbones* | | *Danger* | | *H301* | *Toxic if swallowed* | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| 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.** | | P301 + P310 **IF SWALLOWED:** **Immediately call a POISON CENTER/doctor/...** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.  P321 **Specific treatment (see ... on this label)** – *if immediate administration of antidote is required*. ... Reference to supplemental first aid instruction.  P330 **Rinse mouth.** | | | 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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| **ACUTE TOXICITY – ORAL**  **(Chapter 3.1)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 4 | *Exclamation mark* | |  | Warning | | H302 | Harmful if swallowed | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| 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.** | | P301 + P312 **IF SWALLOWED:** **Call a POISON CENTER/ doctor/…if you feel unwell.** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.  P330 **Rinse mouth.** | | |  | | | 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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| **ACUTE TOXICITY – ORAL**  **(Chapter 3.1)** | | | | | | |
| **Hazard category** | | ***Symbol*** | **Signal word** | **Hazard statement** | | |
| 5 | | *No symbol* | Warning | H303 | May be harmful if swallowed | |
| **Precautionary statements** | | | | | | |
| **Prevention** | **Response** | | | **Storage** | | **Disposal** |
|  | *P301 +* P312 ***IF SWALLOWED:* Call a POISON CENTER/doctor/…if you feel unwell.** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice. | | |  | |  |

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| **ACUTE TOXICITY – DERMAL**  **(Chapter 3.1)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Skull and crossbones* | |  | Danger | | H310 | Fatal in contact with skin | |
| 2 | *Skull and crossbones* | | Danger | | H310 | Fatal in contact with skin | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P262 **Do not get in eyes, on skin, or on clothing.**  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.**  P280 **Wear protective gloves/protective clothing.** Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate. | | P302 + P352 **IF ON SKIN: Wash with plenty of water/...** …Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate, or may recommend an alternative agent in exceptional cases if water is clearly inappropriate.  P310 **Immediately call a POISON CENTER/doctor/...** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.  P321 **Specific treatment (see ... on this label)** – *if immediate measures such as specific cleansing agent is advised*. ... Reference to supplemental first aid instruction.  P361+ P364 **Take off immediately all contaminated clothing and wash it before reuse.** | | | 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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| **ACUTE TOXICITY – DERMAL**  **(Chapter 3.1)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 3 | *Skull and crossbones* | |  | Danger | | H311 | Toxic in contact with skin | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P280 **Wear protective gloves/protective clothing.** Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate. | | P302 + P352 **IF ON SKIN: Wash with plenty of water/...** …Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate, or may recommend an alternative agent in exceptional cases if water is clearly inappropriate.  P312 **Call a POISON CENTER/doctor/…if you feel unwell.** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.  P321 **Specific treatment (see ... on this label)** – *if immediate measures such as specific cleansing agent is advised.* ... Reference to supplemental first aid instruction.  P361 + P364 **Take off immediately all contaminated clothing and wash it before reuse.** | | | 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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| **ACUTE TOXICITY – DERMAL**  **(Chapter 3.1)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 4 | *Exclamation mark* | |  | Warning | | H312 | Harmful in contact with skin | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P280 **Wear protective gloves/protective clothing** Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate. | | P302 + P352 **IF ON SKIN: Wash with plenty of water/...** …Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate, or may recommend an alternative agent in exceptional cases if water is clearly inappropriate.  P312 **Call a POISON CENTER/doctor/…if you feel unwell.** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.  P321 **Specific treatment (see ... on this label)** – *if immediate measures such as specific cleansing agent is advised.* ... Reference to supplemental first aid instruction.  P362 + P364 **Take off contaminated clothing and wash it before reuse.** | | |  | | | 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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| **ACUTE TOXICITY – DERMAL**  **(Chapter 3.1)** | | | | | | | |
| **Hazard category** | ***Symbol*** | | **Signal word** | | **Hazard statement** | | |
| 5 | *No symbol* | | Warning | | H313 | May be harmful in contact with skin | |
| **Precautionary statements** | | | | | | | |
| **Prevention** | | **Response** | | **Storage** | | | **Disposal** |
|  | | *P302 +* P312 ***IF ON SKIN:* Call a POISON CENTER/doctor/…if you feel unwell.** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice. | |  | | |  |

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| **ACUTE TOXICITY – INHALATION**  **(Chapter 3.1)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Skull and crossbones* | |  | Danger | | H330 | Fatal if inhaled | |
| 2 | *Skull and crossbones* | | Danger | | H330 | Fatal if inhaled | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P260 **Do not breathe dust/fume/gas/mist/ vapours/spray.** Manufacturer/supplier or the competent authority to specify applicable conditions.  P271 **Use only outdoors or in a well-ventilated area.**  P284 **[In case of inadequate ventilation] wear respiratory protection.** *– text in square brackets may be used if additional information is provided with the chemical at the point of use that explains what type of ventilation would be adequate for safe use*. Manufacturer/supplier or the competent authority to specify equipment. | | P304 + P340 **IF INHALED: Remove person to fresh air and keep comfortable for breathing.**  P310 **Immediately call a POISON CENTER/doctor/...** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.  P320 **Specific treatment is urgent (see ... on this label)** – *if immediate administration of antidote is required*. ... Reference to supplemental first aid instruction. | | | P403 + P233 **Store in a well-ventilated place. Keep container tightly closed.** – *if the chemical is volatile* *and may generate a hazardous atmosphere.*  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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| **ACUTE TOXICITY – INHALATION**  **(Chapter 3.1)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 3 | *Skull and crossbones* | |  | Danger | | H331 | Toxic if inhaled | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P261 **Avoid breathing dust/fume/gas/mist/ vapours/spray**. *– may be omitted if P260 is given on the label* Manufacturer/supplier or the competent authority to specify applicable conditions.  P271 **Use only outdoors or in a well-ventilated area.** | | P304 + P340 **IF INHALED: Remove person to fresh air and keep comfortable for breathing.**  P311 **Call a POISON CENTER/doctor...** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.  P321 **Specific treatment (see ... on this label)** – *if immediate specific measures are required*. ... Reference to supplemental first aid instruction. | | | P403 + P233 **Store in a well-ventilated place. Keep container tightly closed.** – *if the chemical is volatile* *and may* *generate a hazardous atmosphere.*  P405 **Store locked up.** | | | P501 **Dispose of content/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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| **ACUTE TOXICITY – INHALATION**  **(Chapter 3.1)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 4 | *Exclamation mark* | |  | Warning | | H332 | Harmful if inhaled | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P261 **Avoid breathing dust/fume/gas/mist/ vapours/spray.** *– may be omitted if P260 is given on the label* Manufacturer/supplier or the competent authority to specify applicable conditions.  P271 **Use only outdoors or in a well-ventilated area.** | | P304 + P340 **IF INHALED: Remove person to fresh air and keep comfortable for breathing.**  P312 **Call a POISON CENTER/doctor/…if you feel unwell.** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice. | | |  | | |  |

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| **ACUTE TOXICITY – INHALATION**  **(Chapter 3.1)** | | | | | | | |
| **Hazard category** | ***Symbol*** | | **Signal word** | | **Hazard statement** | | |
| 5 | *No symbol* | | Warning | | H333 | May be harmful if inhaled | |
| **Precautionary statements** | | | | | | | |
| **Prevention** | | **Response** | | **Storage** | | | **Disposal** |
|  | | P304 + P312 **IF INHALED:  Call a POISON CENTER/doctor/…if you feel unwell.** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice. | |  | | |  |

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| **SKIN CORROSION/IRRITATION**  **(Chapter 3.2)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1A to 1C | *Corrosion* | |  | Danger | | H314 | Causes severe skin burns and eye damage | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P260 **Do not breathe dusts or mists.** *– if inhalable particles of dusts or mists may occur during use.*  P264 **Wash …thoroughly after handling.** …Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate. | | P301 + P330 + P331 **IF SWALLOWED:** **Rinse mouth. Do NOT induce vomiting.**  P303 + P361 + P353 **IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].** *– text in square brackets to be included where the manufacturer/supplier or the competent authority considers it appropriate for the specific chemical.*  P363 **Wash contaminated clothing before reuse.**  P304 + P340 **IF INHALED: Remove person to fresh air and keep comfortable for breathing.**  P310 **Immediately call a POISON CENTER/doctor/...** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.  P321 **Specific treatment (see ... on this label)** ... Reference to supplemental first aid instruction. Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate.  P305 + P351 + P338 **IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.** | | | 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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| **SKIN CORROSION/IRRITATION**  **(Chapter 3.2)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 2 | *Exclamation mark* | |  | Warning | | H315 | Causes skin irritation | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P264 **Wash … thoroughly after handling.** … Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.  P280 **Wear protective gloves.** Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate. | | P302 + P352 **IF ON SKIN: Wash with plenty water/…** …Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate, or may recommend an alternative agent in exceptional cases if water is clearly inappropriate.  P321 **Specific treatment (see ... on this label)** ... Reference to supplemental first aid instruction. Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate.  P332 + P313 **If skin irritation occurs: Get medical advice/attention.** *– may be omitted when P333+P313 appears on the label* Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.  P362 + P364 **Take off contaminated clothing and wash it before reuse.** | | |  | | |  |

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| **SKIN CORROSION/IRRITATION**  **(Chapter 3.2)** | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | **Hazard statement** | | |
| 3 | *No symbol* | |  | Warning | H316 | Causes mild skin irritation | |
| **Precautionary statements** | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | **Disposal** |
|  | | P332 + P313 **If skin irritation occurs: Get medical advice/attention.** *– may be omitted when P333+P313 appears on the label.* Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate. | | |  | |  |

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| **EYE DAMAGE/IRRITATION**  **(Chapter 3.3)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Corrosion* | |  | Danger | | H318 | Causes serious eye damage | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P280 **Wear eye protection/face protection.** Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate. | | P305 + P351 + P338 **IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**  P310 **Immediately call a POISON CENTER/doctor/...** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice. | | |  | | |  |

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| **EYE DAMAGE/IRRITATION**  **(Chapter 3.3)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | **Hazard statement** | | | |
| 2A | *Exclamation mark* | |  | Warning | H319 | | Causes serious eye irritation | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | | **Storage** | | **Disposal** |
| P264 **Wash … thoroughly after handling.** …Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.  P280 **Wear eye protection/face protection.** Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate. | | P305 + P351 + P338 **IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**  P337 + P313 **If eye irritation persists: Get medical advice/attention.** Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate. | | | |  | |  |

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| **EYE DAMAGE/IRRITATION**  **(Chapter 3.3)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 2A | *Exclamation mark* | |  | Warning | | H319 | Causes serious eye irritation | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P264 **Wash … thoroughly after handling.** …Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling.  P280 **Wear eye protection/face protection.** Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate. | | P305 + P351 + P338 **IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**  P337 + P313 **If eye irritation persists: Get medical advice/attention.** Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate. | | |  | | |  |

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| **EYE DAMAGE/IRRITATION**  **(Chapter 3.3)** | | | | | | |
| **Hazard category** | ***Symbol*** | | **Signal word** | **Hazard statement** | | |
| 2B | *No symbol* | | Warning | H320 | Causes eye irritation | |
| **Precautionary statements** | | | | | | |
| **Prevention** | | **Response** | | **Storage** | | **Disposal** |
| P264 **Wash … thoroughly after handling.** …Manufacturer/supplier or the competent authority to specify parts of the body to be washed after handling. | | P305 + P351 + P338 **IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**  P337 + P313 **If eye irritation persists: Get medical advice/attention.**  Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate. | |  | |  |

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| **SENSITIZATION – RESPIRATORY**  **(Chapter 3.4)** | | | | | | | |
| **Hazard category** | ***Symbol*** | | **Signal word** | **Hazard statement** | | | |
| 1, 1A, 1B | *Health hazard* |  | Danger | H334 | | May cause allergy or asthma symptoms or breathing difficulties if inhaled | |
| **Precautionary statements** | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | **Disposal** |
| P261 **Avoid breathing dust/fume/gas/mist/ vapours/spray.** *– may be omitted if P260 is given on the label* Manufacturer/supplier or the competent authority to specify applicable conditions.  P284 **[In case of inadequate ventilation] wear respiratory protection.** *– text in square brackets may be used if additional information is provided with the chemical at the point of use that explains what type of ventilation would be adequate for safe use*. Manufacturer/supplier or the competent authority to specify equipment. | | P304 + P340 **IF INHALED: remove person to fresh air and keep comfortable for breathing.**  P342 + P311 **If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice. | | |  | | 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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| **SENSITIZATION – SKIN**  **(Chapter 3.4)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1, 1A, 1B | Exclamation mark | |  | Warning | | H317 | May cause an allergic skin reaction | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P261 **Avoid breathing dust/fume/gas/mist/ vapours/spray.**  *– may be omitted if P260 is given on the label* Manufacturer/supplier or the competent authority to specify applicable conditions.  P272 **Contaminated work clothing should not be allowed out of the workplace.**  P280 **Wear protective gloves.** Manufacturer/supplier or the competent authority may further specify type of equipment where appropriate. | | P302 + P352 **IF ON SKIN: Wash with plenty of water/…** …Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate, or may recommend an alternative agent in exceptional cases if water is clearly inappropriate.  P333 + P313 **If skin irritation or rash occurs: Get medical advice/attention.** Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate.  P321 **Specific treatment (see ... on this label)** ... Reference to supplemental first aid instruction. Manufacturer/supplier or the competent authority may specify a cleansing agent if appropriate.  P362 + P364 **Take off contaminated clothing and wash it before reuse.** | | |  | | | 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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| **GERM CELL MUTAGENICITY**  **(Chapter 3.5)** | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | **Hazard statement** | | |
| 1 | *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 **Do not handle until all safety precautions have been read and understood.**  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of 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 | *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 **Do not handle until all safety precautions have been read and understood.**  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of 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 | *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 **Do not handle until all safety precautions have been read and understood.**  P280 **Wear protective gloves/protective clothing/eye protection/face protection.** Manufacturer/supplier or the competent authority to specify the appropriate type of 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)**  **(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* ***Do not handle until all safety precautions have been read and understood.***  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. | | |  | |  |

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| **SPECIFIC TARGET ORGAN TOXICITY (Single Exposure)**  **(Chapter 3.8)** | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | **Hazard statement** | | |
| 1 | *Health hazard* | |  | Danger | H370 | Causes damage to organs <...> <<...>> | |
|  |  | |  | <...>  <<...>> | *(or state all organs affected 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** |
| P260 **Do not breathe dust/fume/gas/mist/ vapours/spray.** Manufacturer/supplier or the competent authority to specify applicable conditions.  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 + P311 **IF exposed or concerned: Call a POISON CENTER/doctor/...** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.  P321 **Specific treatment (see ... on this label)** ­– *if immediate measures are required*. ... Reference to supplemental first aid instruction. | | | | 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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| **SPECIFIC TARGET ORGAN TOXICITY (Single Exposure)**  **(Chapter 3.8)** | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | **Hazard statement** | | |
| 2 | *Health hazard* | |  | Warning | H371 | May cause damage to organs <...> <<...>> | |
|  |  | |  | <...>  <<...>> | *(or state all organs affected, 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** |
| P260 **Do not breathe dust/fume/gas/mist/ vapours/spray.** Manufacturer/supplier or the competent authority to specify applicable conditions.  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 + P311 **IF exposed or concerned: Call a POISON CENTER/doctor/...** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice. | | | | 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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| **SPECIFIC TARGET ORGAN TOXICITY (Single Exposure)**  **(Chapter 3.8)** | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | **Hazard statement** | | |
| 3 | *Exclamation mark* | |  | Warning | H335 | May cause respiratory irritation; or | |
| H336 | May cause drowsiness or dizziness | |
| **Precautionary statements** | | | | | | | |
| **Prevention** | | **Response** | | | | **Storage** | **Disposal** |
| P261 **Avoid breathing dust/fume/gas/mist/ vapours/spray.** – *may be omitted if P260 is given on the label.* Manufacturer/supplier or the competent authority to specify applicable conditions.  P271 **Use only outdoors or in a well-ventilated area.** | | P304 + P340 **IF INHALED: Remove person to fresh air and keep comfortable for breathing.**  P312 **Call a POISON CENTER/doctor/…if you feel unwell.** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice. | | | | P403 + P233 **Store in a well-ventilated place. Keep container tightly closed. –** *if the chemical is volatile* *and may* *generate a hazardous atmosphere.*  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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| **SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure)**  **(Chapter 3.9)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | **Hazard statement** | | | |
| 1 | *Health hazard* | |  | Danger | H372 | Causes damage to organs <...> through prolonged or repeated exposure <<...>> | | |
|  |  | |  | <...>  <<...>> | *(state all organs affected, 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** |
| P260 **Do not breathe dust/fume/gas/mist/ vapours/spray.** Manufacturer/supplier or the competent authority to specify applicable conditions.  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.** | | P314 **Get medical advice/attention if you feel unwell.** Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate. | | | | |  | 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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| **SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure)**  **(Chapter 3.9)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | **Hazard statement** | | | |
| 2 | *Health hazard* |  | | Warning | H373 | Causes damage to organs <...> through prolonged or repeated exposure <<...>> | | |
|  |  |  | <...>  <<...>> | *(state all organs affected, 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** |
| P260 **Do not breathe dust/fume/gas/mist/vapours/spray.** Manufacturer/supplier or the competent authority to specify applicable conditions. | | | P314 **Get medical advice/attention if you feel unwell.** Manufacturer/supplier or the competent authority to select medical advice or attention as appropriate. | | | |  | 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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| **ASPIRATION HAZARD**  **(Chapter 3.10)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | **Hazard statement** | | | |
| 1 | *Health hazard* |  | | Danger | H304 | May be fatal if swallowed and enters airways | | |
| 2 | *Health hazard* | Warning | H305 | May be harmful if swallowed and enters airways | | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | | **Response** | | | | **Storage** | **Disposal** |
|  | | | P301 + P310 **IF SWALLOWED:** **Immediately call a POISON CENTER/ doctor/...** …Manufacturer/supplier or the competent authority to specify the appropriate source of emergency medical advice.  P331 **Do NOT induce vomiting.** | | | | 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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| **HAZARDOUS TO THE AQUATIC ENVIRONMENT – short-term (ACUTE) HAZARD**  **(Chapter 4.1)** | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | **Hazard statement** | | |
| 1 | *Environment* | | Aquatic-pollut-NoFrame | Warning | H400 | Very toxic to aquatic life | |
| **Precautionary statements** | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | **Disposal** |
| P273 **Avoid release to the environment. –** *if this is not the intended use.* | | P391 **Collect spillage.** | | |  | | 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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| **HAZARDOUS TO THE AQUATIC ENVIRONMENT – short-term (ACUTE) HAZARD**  **(Chapter 4.1)** | | | | | | | |
| **Hazard category** | ***Symbol*** | | **Signal word** | | **Hazard statement** | | |
| 2 | *No symbol* | | *No signal word* | | H401 | Toxic to aquatic life | |
| 3 | *No symbol* | | *No signal word* | | H402 | Harmful to aquatic life | |
| **Precautionary statements** | | | | | | | |
| **Prevention** | | **Response** | | **Storage** | | | **Disposal** |
| P273 **Avoid release to the environment. –** *if this is not the intended use.* | |  | |  | | | 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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| **HAZARDOUS TO THE AQUATIC ENVIRONMENT – LONG-TERM (CHRONIC) HAZARD**  **(Chapter 4.1)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Environment* | | Aquatic-pollut-NoFrame | Warning | | H410 | Very toxic to aquatic life with long lasting effects | |
| 2 | *Environment* | | *No signal word* | | H411 | Toxic to aquatic life with long lasting effects | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P273 **Avoid release to the environment. –** *if this is not the intended use.* | | P391 **Collect spillage.** | | |  | | | 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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| **HAZARDOUS TO THE AQUATIC ENVIRONMENT – LONG-TERM (CHRONIC) HAZARD**  **(Chapter 4.1)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 3 | *No symbol* | |  | *No signal word* | | H412 | Harmful to aquatic life with long lasting effects | |
| 4 | *No symbol* | | *No signal word* | | H413 | May cause long lasting harmful effects to aquatic life | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
| P273 **Avoid release to the environment. –** *if this is not the intended use.* | |  | | |  | | | 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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| **HAZARDOUS TO THE OZONE LAYER**  **(Chapter 4.2)** | | | | | | | | |
| **Hazard category** | ***Symbol*** | | | **Signal word** | | **Hazard statement** | | |
| 1 | *Exclamation mark* | |  | Warning | | H420 | Harms public health and the environment by destroying ozone in the upper atmosphere | |
| **Precautionary statements** | | | | | | | | |
| **Prevention** | | **Response** | | | **Storage** | | | **Disposal** |
|  | |  | | |  | | | P502 **Refer to manufacturer or supplier for information on recovery or recycling** |