

## Appendix 13 Hazardous substances classification

All provisions in this appendix are regional coastal plan and district plan [rcp/rp/dp].

### Physical hazards

|        |  |
|--------|--|
| 1.1    | Substances and articles that have a mass explosion hazard  |
| 1.2    | Substances and articles that have a projection hazard but not a mass explosion hazard  |
| 1.3    | Substances and articles that have a fire hazard and either a minor blast hazard or a minor projection hazard, or both, but not a mass explosion hazard |
| 1.4    | Substances and articles that present no significant explosive hazard   |
| 1.5    | Very insensitive substances that have a mass explosion hazard  |
| 1.6    | Extremely insensitive articles that do not have a mass explosion hazard  |
| 2.1.1A | Flammable gas- high hazard   |
| 2.1.1B | Flammable gas - medium hazard  |
| 2.1.2A | Flammable aerosol  |
| 3.1A   | Flammable liquid - very high hazard  |
| 3.1B   | Flammable liquid - high hazard   |
| 3.1C   | Flammable liquid - medium hazard   |
| 3.1D   | Flammable liquid - low hazard  |
| 4.1.1A | Readily combustible solids and solids that may cause fire through friction: medium hazard  |
| 4.1.1B | Readily combustible solids and solids that may cause fire through friction: low hazard   |
| 4.1.2A | Self-reactive substances: type A   |
| 4.1.2B | Self-reactive substances: type B   |
| 4.1.2C | Self-reactive substances: type C   |
| 4.1.2D | Self-reactive substances: type D   |
| 4.1.2E | Self-reactive substances: type E   |
| 4.1.2F | Self-reactive substances: type F   |
| 4.1.2G | Self-reactive substances: type G   |
| 4.1.3A | Solid desensitised explosives: high hazard   |
| 4.1.3B | Solid desensitised explosives: medium hazard   |
| 4.1.3C | Solid desensitised explosives: low hazard  |
| 4.2A   | Spontaneously combustible substances: pyrophoric substances: high hazard   |
| 4.2B   | Spontaneously combustible substances: self-heating substances: medium hazard   |
| 4.2C   | Spontaneously combustible substances: self-heating substances: low hazard  |
| 4.3A   | Solids that emit flammable gas when in contact with water: high hazard   |
| 4.3B   | Solids that emit flammable gas when in contact with water: medium hazard   |
| 4.3C   | Solids that emit flammable gas when in contact with water: low hazard  |
| 5.1.1A | Oxidising substances that are liquids or solids: high hazard   |
| 5.1.1B | Oxidising substances that are liquids or solids: medium hazard   |
| 5.1.1C | Oxidising substances that are liquids or solids: low hazard  |

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|        |                                     |
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| 5.1.2A | Oxidising substances that are gases |
| 5.2A   | Organic peroxides: type A           |
| 5.2B   | Organic peroxides: type B           |
| 5.2C   | Organic peroxides: type C           |
| 5.2D   | Organic peroxides: type D           |
| 5.2E   | Organic peroxides: type E           |
| 5.2F   | Organic peroxides: type F           |
| 5.2G   | Organic peroxides: type G           |

**Health hazards**

|      |   |
|------|---|
| 6.1A | Substances that are acutely toxic - Fatal   |
| 6.1B | Substances that are acutely toxic - Fatal   |
| 6.1C | Substances that are acutely toxic- Toxic  |
| 6.1D | Substances that are acutely toxic - Harmful   |
| 6.1E | Substances that are acutely toxic –May be harmful, Aspiration hazard                          |
| 6.3A | Substances that are irritating to the skin  |
| 6.3B | Substances that are mildly irritating to the skin   |
| 6.4A | Substances that are irritating to the eye   |
| 6.5A | Substances that are respiratory sensitisers   |
| 6.5B | Substances that are contact sensitisers   |
| 6.6A | Substances that are known or presumed human mutagens  |
| 6.6B | Substances that are suspected human mutagens  |
| 6.7A | Substances that are known or presumed human carcinogens                                       |
| 6.7B | Substances that are suspected human carcinogens   |
| 6.8A | Substances that are known or presumed human reproductive or developmental toxicants           |
| 6.8B | Substances that are suspected human reproductive or developmental toxicants                   |
| 6.8C | Substances that produce toxic human reproductive or developmental effects on or via lactation |
| 6.9A | Substances that are toxic to human target organs or systems                                   |
| 6.9B | Substances that are harmful to human target organs or systems                                 |
| 8.1A | Substances that are corrosive to metals   |
| 8.2A | Substances that are corrosive to dermal tissue UN PGI   |
| 8.2B | Substances that are corrosive to dermal tissue UN PGII  |
| 8.2C | Substances that are corrosive to dermal tissue UN PGIII                                       |
| 8.3A | Substances that are corrosive to ocular tissue  |

**Environmental hazards**

|      |  |
|------|--|
| 9.1A | Substances that are very ecotoxic in the aquatic environment |
| 9.1B | Substances that are ecotoxic in the aquatic environment      |
| 9.1C | Substances that are harmful in the aquatic environment       |

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|      |   |
|------|---|
| 9.1D | Substances that are slightly harmful to the aquatic environment or are otherwise designed for biocidal action |
| 9.2A | Substances that are very ecotoxic in the soil environment   |
| 9.2B | Substances that are ecotoxic in the soil environment  |
| 9.2C | Substances that are harmful in the soil environment   |
| 9.2D | Substances that are slightly harmful in the soil environment  |
| 9.3A | Substances that are very ecotoxic to terrestrial vertebrates  |
| 9.3B | Substances that are ecotoxic to terrestrial vertebrates   |
| 9.3C | Substances that are harmful to terrestrial vertebrates  |
| 9.4A | Substances that are very ecotoxic to terrestrial invertebrates  |
| 9.4B | Substances that are ecotoxic to terrestrial invertebrates   |
| 9.4C | Substances that are harmful to terrestrial invertebrates  |