Section 1. Identification

Product identifier: Brilliant Multiplex QPCR Master Mix - 20 reactions, Part Number 5190-7274
Part No. (Chemical Kit): 5190-7274
Part No.: 2x Brilliant Multiplex QPCR Master Mix 5190-7273
Reference Dye 600530-53

Relevant identified uses of the substance or mixture and uses advised against
Analytical reagent.

Section 2. Hazard(s) identification

Classification of the substance or mixture
Not classified.

Signal word: 2x Brilliant Multiplex QPCR Master Mix Reference Dye No signal word.

Hazard statements:
2x Brilliant Multiplex QPCR Master Mix Reference Dye No known significant effects or critical hazards.

Precautionary statements
Prevention: 2x Brilliant Multiplex QPCR Master Mix Reference Dye Not applicable.
Response: 2x Brilliant Multiplex QPCR Master Mix Reference Dye Not applicable.
Storage: 2x Brilliant Multiplex QPCR Master Mix Reference Dye Not applicable.

GHS label elements
Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 2.4%
Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 2.4%

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Section 2. Hazard(s) identification

**Disposal**
- 2× Brilliant Multiplex QPCR Master Mix: Not applicable.
- Reference Dye: Not applicable.

**Supplemental label elements**
- 2× Brilliant Multiplex QPCR Master Mix: Not applicable.
- Reference Dye: Not applicable.

**Other hazards which do not result in classification**
- 2× Brilliant Multiplex QPCR Master Mix: None known.
- Reference Dye: None known.

Section 3. Composition and ingredient information

**Substance/mixture**
- 2× Brilliant Multiplex QPCR Master Mix: Mixture
- Reference Dye: Mixture

**CAS number/other identifiers**

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>(w/w)</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2× Brilliant Multiplex QPCR Master Mix</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerol</td>
<td>≥10 - ≤30</td>
<td>56-81-5</td>
</tr>
</tbody>
</table>

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

**Description of necessary first aid measures**

**Eye contact**
- 2× Brilliant Multiplex QPCR Master Mix
- Reference Dye

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

**Inhalation**
- 2× Brilliant Multiplex QPCR Master Mix
- Reference Dye

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

**Skin contact**
- 2× Brilliant Multiplex QPCR Master Mix
- Reference Dye

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**Ingestion**
- 2× Brilliant Multiplex QPCR Master Mix

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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## Section 4. First aid measures

Reference Dye  
Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

<table>
<thead>
<tr>
<th></th>
<th>2× Brilliant Multiplex QPCR Master Mix</th>
<th>2× Brilliant Multiplex QPCR Master Mix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact</td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

#### Over-exposure signs/symptoms

<table>
<thead>
<tr>
<th></th>
<th>2× Brilliant Multiplex QPCR Master Mix</th>
<th>2× Brilliant Multiplex QPCR Master Mix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact</td>
<td>No specific data.</td>
<td>No specific data.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No specific data.</td>
<td>No specific data.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>No specific data.</td>
<td>No specific data.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>No specific data.</td>
<td>No specific data.</td>
</tr>
</tbody>
</table>

### Indication of immediate medical attention and special treatment needed, if necessary

#### Notes to physician

<table>
<thead>
<tr>
<th></th>
<th>2× Brilliant Multiplex QPCR Master Mix</th>
<th>2× Brilliant Multiplex QPCR Master Mix</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</td>
<td>In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.</td>
</tr>
</tbody>
</table>

#### Specific treatments

<table>
<thead>
<tr>
<th></th>
<th>2× Brilliant Multiplex QPCR Master Mix</th>
<th>2× Brilliant Multiplex QPCR Master Mix</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No specific treatment.</td>
<td>No specific treatment.</td>
</tr>
</tbody>
</table>

#### Protection of first-aiders

<table>
<thead>
<tr>
<th></th>
<th>2× Brilliant Multiplex QPCR Master Mix</th>
<th>2× Brilliant Multiplex QPCR Master Mix</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No action shall be taken involving any personal risk or without suitable training.</td>
<td>No action shall be taken involving any personal risk or without suitable training.</td>
</tr>
</tbody>
</table>

### See toxicological information (Section 11)
Section 5. Firefighting measures

Extinguishing media

Suitable extinguishing media

- **Brilliant Multiplex QPCR Master Mix**
  - **Reference Dye**
  - Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media

- **Brilliant Multiplex QPCR Master Mix**
  - **Reference Dye**
  - None known.

Specific hazards arising from the chemical

- **Brilliant Multiplex QPCR Master Mix**
  - **Reference Dye**
  - In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products

- **Brilliant Multiplex QPCR Master Mix**
  - **Reference Dye**
  - Decomposition products may include the following materials:
    - carbon dioxide
    - carbon monoxide
    - nitrogen oxides
    - halogenated compounds
    - metal oxide/oxides

Special protective actions for fire-fighters

- **Brilliant Multiplex QPCR Master Mix**
  - **Reference Dye**
  - Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters

- **Brilliant Multiplex QPCR Master Mix**
  - **Reference Dye**
  - Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- **Brilliant Multiplex QPCR Master Mix**
  - **Reference Dye**
  - No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

Reference Dye

- **Brilliant Multiplex QPCR Master Mix**
  - **Reference Dye**
  - No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
### Section 6. Accidental release measures

<table>
<thead>
<tr>
<th>For emergency responders</th>
<th>Why</th>
<th>How</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Brilliant Multiplex QPCR Master Mix</strong></td>
<td>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in &quot;For non-emergency personnel&quot;.</td>
<td><strong>Reference Dye</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Environmental precautions</th>
<th>Why</th>
<th>How</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Brilliant Multiplex QPCR Master Mix</strong></td>
<td>Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).</td>
<td><strong>Reference Dye</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Methods for cleaning up</th>
<th>Why</th>
<th>How</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Brilliant Multiplex QPCR Master Mix</strong></td>
<td>Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.</td>
<td><strong>Reference Dye</strong></td>
</tr>
</tbody>
</table>

### Section 7. Handling and storage

<table>
<thead>
<tr>
<th>Precautions for safe handling</th>
<th>Why</th>
<th>How</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Protective measures</th>
<th>Why</th>
<th>How</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Brilliant Multiplex QPCR Master Mix</strong></td>
<td>Put on appropriate personal protective equipment (see Section 8).</td>
<td><strong>Reference Dye</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Advice on general occupational hygiene</th>
<th>Why</th>
<th>How</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Brilliant Multiplex QPCR Master Mix</strong></td>
<td>Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.</td>
<td><strong>Reference Dye</strong></td>
</tr>
</tbody>
</table>

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Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities**

- **2× Brilliant Multiplex QPCR Master Mix:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

- **Reference Dye:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls and personal protection

**Control parameters**

**Occupational exposure limits**

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Exposure limits</th>
</tr>
</thead>
</table>
| **2× Brilliant Multiplex QPCR Master Mix** | Safe Work Australia (Australia, 1/2014).  
TWA: 10 mg/m³ 8 hours. |
| **Glycerol**                     |                                             |

**Appropriate engineering controls**

- Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental exposure controls**

- Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Individual protection measures**

**Hygiene measures**

- Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection**

- Safety eyewear complying with an approved standard should be worn when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

**Skin protection**

**Hand protection**

- Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body protection**

- Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection**

- Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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### Section 8. Exposure controls and personal protection

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

### Section 9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Brilliant Multiplex QPCR Master Mix</th>
<th>Reference Dye</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical state</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting point</td>
<td>0°C (32°F)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Boiling point</td>
<td>100°C (212°F)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable.</td>
<td></td>
</tr>
<tr>
<td>Lower and upper explosive (flammable) limits</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in the following materials: cold water and hot water.</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>Not available.</td>
<td></td>
</tr>
</tbody>
</table>

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Section 9. Physical and chemical properties

**Auto-ignition temperature**
- Brilliant Multiplex QPCR Master Mix: Not available.
- Reference Dye: Not available.

**Decomposition temperature**
- Brilliant Multiplex QPCR Master Mix: Not available.
- Reference Dye: Not available.

**Viscosity**
- Brilliant Multiplex QPCR Master Mix: Not available.
- Reference Dye: Not available.

Section 10. Stability and reactivity

**Reactivity**
- Brilliant Multiplex QPCR Master Mix: No specific test data related to reactivity available for this product or its ingredients.
- Reference Dye: No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability**
- Brilliant Multiplex QPCR Master Mix: The product is stable.
- Reference Dye: The product is stable.

**Possibility of hazardous reactions**
- Brilliant Multiplex QPCR Master Mix: Under normal conditions of storage and use, hazardous reactions will not occur.
- Reference Dye: Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid**
- Brilliant Multiplex QPCR Master Mix: No specific data.
- Reference Dye: No specific data.

**Incompatible materials**
- Brilliant Multiplex QPCR Master Mix: May react or be incompatible with oxidising materials.
- Reference Dye: May react or be incompatible with oxidising materials.

**Hazardous decomposition products**
- Brilliant Multiplex QPCR Master Mix: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Reference Dye: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

**Information on toxicological effects**

**Acute toxicity**

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brilliant Multiplex QPCR Master Mix Glycerol</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>12600 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

**Irritation/Corrosion**

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Score</th>
<th>Exposure</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brilliant Multiplex QPCR Master Mix Glycerol</td>
<td>Eyes - Mild irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 500 milligrams</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Skin - Mild irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 500 milligrams</td>
<td>-</td>
</tr>
</tbody>
</table>

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Section 11. Toxicological information

**Sensitisation**
Not available.

**Mutagenicity**
Not available.

**Carcinogenicity**
Not available.

**Reproductive toxicity**
Not available.

**Teratogenicity**
Not available.

**Specific target organ toxicity (single exposure)**
Not available.

**Specific target organ toxicity (repeated exposure)**
Not available.

**Aspiration hazard**
Not available.

**Information on likely routes of exposure**

- **Inhalation**
  - 2× Brilliant Multiplex QPCR Master Mix
  - Reference Dye
  - No known significant effects or critical hazards.

- **Ingestion**
  - 2× Brilliant Multiplex QPCR Master Mix
  - Reference Dye
  - No known significant effects or critical hazards.

- **Skin contact**
  - 2× Brilliant Multiplex QPCR Master Mix
  - Reference Dye
  - No known significant effects or critical hazards.

- **Eye contact**
  - 2× Brilliant Multiplex QPCR Master Mix
  - Reference Dye
  - No known significant effects or critical hazards.

**Potential acute health effects**

- **Inhalation**
  - 2× Brilliant Multiplex QPCR Master Mix
  - Reference Dye
  - No known significant effects or critical hazards.

- **Ingestion**
  - 2× Brilliant Multiplex QPCR Master Mix
  - Reference Dye
  - No known significant effects or critical hazards.

- **Skin contact**
  - 2× Brilliant Multiplex QPCR Master Mix
  - Reference Dye
  - No known significant effects or critical hazards.

- **Eye contact**
  - 2× Brilliant Multiplex QPCR Master Mix
  - Reference Dye
  - No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**

- **Eye contact**
  - 2× Brilliant Multiplex QPCR Master Mix
  - Reference Dye
  - No specific data.

- **Inhalation**
  - 2× Brilliant Multiplex QPCR Master Mix
  - Reference Dye
  - No specific data.

- **Skin contact**
  - 2× Brilliant Multiplex QPCR Master Mix
  - Reference Dye
  - No specific data.

- **Ingestion**
  - 2× Brilliant Multiplex QPCR Master Mix
  - Reference Dye
  - No specific data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Short term exposure**
Section 11. Toxicological information

Potential immediate effects : Not available.
Potential delayed effects : Not available.

Long term exposure
Potential immediate effects : Not available.
Potential delayed effects : Not available.

Potential chronic health effects
Not available.

General
2× Brilliant Multiplex QPCR Master Mix
No known significant effects or critical hazards.
Reference Dye
No known significant effects or critical hazards.

Carcinogenicity
2× Brilliant Multiplex QPCR Master Mix
No known significant effects or critical hazards.
Reference Dye
No known significant effects or critical hazards.

Mutagenicity
2× Brilliant Multiplex QPCR Master Mix
No known significant effects or critical hazards.
Reference Dye
No known significant effects or critical hazards.

Teratogenicity
2× Brilliant Multiplex QPCR Master Mix
No known significant effects or critical hazards.
Reference Dye
No known significant effects or critical hazards.

Developmental effects
2× Brilliant Multiplex QPCR Master Mix
No known significant effects or critical hazards.
Reference Dye
No known significant effects or critical hazards.

Fertility effects
2× Brilliant Multiplex QPCR Master Mix
No known significant effects or critical hazards.
Reference Dye
No known significant effects or critical hazards.

Numerical measures of toxicity
Acute toxicity estimates
Not available.

Section 12. Ecological information

Toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>2× Brilliant Multiplex QPCR Master Mix Glycerol</td>
<td>Acute LC50 54000 mg/l Fresh water</td>
<td>Fish - Oncorhynchus mykiss</td>
<td>96 hours</td>
</tr>
</tbody>
</table>

Persistence and degradability
Not available.

Bioaccumulative potential

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>LogP&lt;sub&gt;ow&lt;/sub&gt;</th>
<th>BCF</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>2× Brilliant Multiplex QPCR Master Mix Glycerol</td>
<td>-1.76</td>
<td>-</td>
<td>low</td>
</tr>
</tbody>
</table>

Mobility in soil

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Section 12. Ecological information

| Soil/water partition coefficient (K<sub>oc</sub>) | : Not available. |

| Other adverse effects | : No known significant effects or critical hazards. |

Section 13. Disposal considerations

| Disposal methods | : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of splinter material and runoff and contact with soil, waterways, drains and sewers. |

Section 14. Transport information

<table>
<thead>
<tr>
<th>Regulatory information</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADG / IMDG / IATA</td>
</tr>
</tbody>
</table>

| Special precautions for user | : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. |

| Transport in bulk according to Annex II of Marpol and the IBC Code | : Not available. |

Section 15. Regulatory information

| Standard Uniform Schedule of Medicine and Poisons | Not regulated. |
| Model Work Health and Safety Regulations - Scheduled Substances | No listed substance |
| Australia inventory (AICS) | : Not determined. |

<table>
<thead>
<tr>
<th>International regulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Weapon Convention List Schedules I, II &amp; III Chemicals</td>
</tr>
<tr>
<td>Rotterdam Convention on Prior Inform Consent (PIC)</td>
</tr>
<tr>
<td>UNECE Aarhus Protocol on POPs and Heavy Metals</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>International lists</th>
</tr>
</thead>
<tbody>
<tr>
<td>National inventory</td>
</tr>
<tr>
<td>Canada</td>
</tr>
</tbody>
</table>

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Section 15. Regulatory information

<table>
<thead>
<tr>
<th>Country</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>All components are listed or exempted.</td>
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<tr>
<td>Europe</td>
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</tr>
<tr>
<td>Japan</td>
<td>Japan inventory (ENCS): Not determined.</td>
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<td></td>
<td>Japan inventory (ISHL): Not determined.</td>
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<td>Malaysia</td>
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<td>Not determined.</td>
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<td>Republic of Korea</td>
<td>Not determined.</td>
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<td>Taiwan</td>
<td>Not determined.</td>
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<td>Turkey</td>
<td>Not determined.</td>
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<tr>
<td>United States</td>
<td>Not determined.</td>
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Section 16. Any other relevant information

History

Date of issue/Date of revision: 29/07/2016
Date of previous issue: 25/07/2013
Version: 2

Key to abbreviations:
- ADG = Australian Dangerous Goods
- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- NOHSC = National Occupational Health and Safety Commission
- SUSMP = Standard Uniform Schedule of Medicine and Poisons
- UN = United Nations

Procedure used to derive the classification

<table>
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<th>Classification</th>
<th>Justification</th>
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References: Not available.

Indicates information that has changed from previously issued version.

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