Conforms to Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals

SAFETY DATA SHEET

High Sensitivity D5000  Reagents, Part Number 5067-5593

Section 1. Identification

Product identifier : High Sensitivity D5000  Reagents, Part Number 5067-5593
Part no. (chemical kit) : 5067-5593
Part no. : High Sensitivity D5000 Sample Buffer 5190-7745
              High Sensitivity D5000 Ladder 5067-5594

Relevant identified uses of the substance or mixture and uses advised against

Material uses : Analytical chemistry.
High Sensitivity D5000 Sample Buffer  1 x 300 µl vials
High Sensitivity D5000 Ladder  1 x 20 µl vials

Supplier/Manufacturer : Agilent Technologies Australia Pty Ltd
                        679 Springvale Road
                        Mulgrave
                        Victoria 3170, Australia
                        1800 802 402

Emergency telephone number (with hours of operation) : CHEMTREC®: +(61)-290372994

Section 2. Hazard(s) identification

Classification of the substance or mixture
Not classified.

GHS label elements

Signal word : High Sensitivity D5000 Sample Buffer No signal word.
              High Sensitivity D5000 Ladder No signal word.

Hazard statements : High Sensitivity D5000 Sample Buffer No known significant effects or critical hazards.
                    High Sensitivity D5000 Ladder No known significant effects or critical hazards.

Precautionary statements

Prevention : High Sensitivity D5000 Sample Buffer Not applicable.
             High Sensitivity D5000 Ladder Not applicable.

Response : High Sensitivity D5000 Sample Buffer Not applicable.
           High Sensitivity D5000 Ladder Not applicable.

Storage : High Sensitivity D5000 Sample Buffer Not applicable.
          High Sensitivity D5000 Ladder Not applicable.

Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 10 - 30%
Section 2. Hazard(s) identification

### Disposal

High Sensitivity D5000 Sample Buffer: Not applicable.
High Sensitivity D5000 Ladder: Not applicable.

### Supplemental label elements

#### Additional warning phrases

High Sensitivity D5000 Sample Buffer: Not applicable.
High Sensitivity D5000 Ladder: Not applicable.

### Other hazards which do not result in classification

High Sensitivity D5000 Sample Buffer: None known.
High Sensitivity D5000 Ladder: None known.

Section 3. Composition and ingredient information

### Substance/mixture

<table>
<thead>
<tr>
<th>Substance/mixture</th>
<th>High Sensitivity D5000 Sample Buffer</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Sensitivity D5000 Ladder</td>
<td>Mixture</td>
<td></td>
</tr>
</tbody>
</table>

### CAS number/other identifiers

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>% (w/w)</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Sensitivity D5000 Sample Buffer</td>
<td>≥10 - ≤30</td>
<td>57-50-1</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

- High Sensitivity D5000 Sample Buffer
- High Sensitivity D5000 Ladder

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

- High Sensitivity D5000 Sample Buffer
- High Sensitivity D5000 Ladder

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

#### Skin contact

- High Sensitivity D5000 Sample Buffer
- High Sensitivity D5000 Ladder

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
## Section 4. First aid measures

### Ingestion
- **High Sensitivity D5000 Sample Buffer**
  - 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.
- **High Sensitivity D5000 Ladder**
  - 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>Eye contact</th>
<th>Inhalation</th>
<th>Skin contact</th>
<th>Ingestion</th>
</tr>
</thead>
</table>

#### Over-exposure signs/symptoms

<table>
<thead>
<tr>
<th>Eye contact</th>
<th>Inhalation</th>
<th>Skin contact</th>
<th>Ingestion</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Notes to physician</th>
<th>Indication of immediate medical attention and special treatment needed, if necessary</th>
</tr>
</thead>
<tbody>
<tr>
<td>: High Sensitivity D5000 Sample Buffer</td>
<td>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</td>
</tr>
<tr>
<td>: High Sensitivity D5000 Ladder</td>
<td>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</td>
</tr>
</tbody>
</table>
Section 4. First aid measures

**Specific treatments**
- High Sensitivity D5000 Sample Buffer
- No specific treatment.
- High Sensitivity D5000 Ladder
- No specific treatment.

**Protection of first-aiders**
- High Sensitivity D5000 Sample Buffer
  - No action shall be taken involving any personal risk or without suitable training.
- High Sensitivity D5000 Ladder
  - No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Firefighting measures

**Extinguishing media**
- Suitable extinguishing media
  - High Sensitivity D5000 Sample Buffer
    - Use an extinguishing agent suitable for the surrounding fire.
  - High Sensitivity D5000 Ladder
    - Use an extinguishing agent suitable for the surrounding fire.

- Unsuitable extinguishing media
  - High Sensitivity D5000 Sample Buffer
    - None known.
  - High Sensitivity D5000 Ladder
    - None known.

**Specific hazards arising from the chemical**
- High Sensitivity D5000 Sample Buffer
  - In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products**
- High Sensitivity D5000 Sample Buffer
  - Decomposition products may include the following materials:
    - carbon dioxide
    - carbon monoxide
  - High Sensitivity D5000 Ladder
    - No specific data.

**Special protective actions for fire-fighters**
- High Sensitivity D5000 Sample Buffer
  - 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.
- High Sensitivity D5000 Ladder
  - 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**
- High Sensitivity D5000 Sample Buffer
  - Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
- High Sensitivity D5000 Ladder
  - 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**
### Section 6. Accidental release measures

#### For non-emergency personnel

<table>
<thead>
<tr>
<th>Product</th>
<th>Action Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Sensitivity D5000 Sample Buffer</td>
<td>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.</td>
</tr>
<tr>
<td>High Sensitivity D5000 Ladder</td>
<td>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.</td>
</tr>
</tbody>
</table>

#### For emergency responders

<table>
<thead>
<tr>
<th>Product</th>
<th>Action Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Sensitivity D5000 Sample Buffer</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>
</tr>
<tr>
<td>High Sensitivity D5000 Ladder</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>
</tr>
</tbody>
</table>

#### Environmental precautions

<table>
<thead>
<tr>
<th>Product</th>
<th>Action Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Sensitivity D5000 Sample Buffer</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>
</tr>
<tr>
<td>High Sensitivity D5000 Ladder</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>
</tr>
</tbody>
</table>

#### Methods and material for containment and cleaning up

<table>
<thead>
<tr>
<th>Product</th>
<th>Action Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Sensitivity D5000 Sample Buffer</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>
</tr>
<tr>
<td>High Sensitivity D5000 Ladder</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>
</tr>
</tbody>
</table>

### Section 7. Handling and storage

#### Precautions for safe handling

<table>
<thead>
<tr>
<th>Product</th>
<th>Action Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Sensitivity D5000 Sample Buffer</td>
<td>Put on appropriate personal protective equipment (see Section 8).</td>
</tr>
<tr>
<td>High Sensitivity D5000 Ladder</td>
<td>Put on appropriate personal protective equipment (see Section 8).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product</th>
<th>Action Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Sensitivity D5000 Sample Buffer</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>
</tr>
<tr>
<td>High Sensitivity D5000</td>
<td>Eating, drinking and smoking should be prohibited in</td>
</tr>
</tbody>
</table>
Section 7. Handling and storage

Ladder

Conditions for safe storage, including any incompatibilities

High Sensitivity D5000 Sample Buffer

Store between the following temperatures: 2 to 8°C (35.6 to 46.4°F). 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. See Section 10 for incompatible materials before handling or use.

High Sensitivity D5000 Ladder

Store between the following temperatures: 2 to 8°C (35.6 to 46.4°F). 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. See Section 10 for incompatible materials before handling or use.

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>
<tbody>
<tr>
<td>High Sensitivity D5000 Sample Buffer Sucrose</td>
<td>Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m³ 8 hours.</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Environmental exposure controls

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

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 used 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.
Section 8. Exposure controls and personal protection

### Hand protection
Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. It is recommended that employers or employees consult a health care professional to determine the most appropriate respirator for the task. Employees or employers should also consult the respiratory protection program to ensure proper fitting, training, and other important aspects of use.

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.

### Respiratory 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

### Physical state
- **Melting point**
  - High Sensitivity D5000 Sample Buffer: Not available.
  - High Sensitivity D5000 Ladder: 0°C (32°F)
- **Boiling point**
  - High Sensitivity D5000 Sample Buffer: ~189°C (372°F)
  - High Sensitivity D5000 Ladder: 100°C (212°F)

### Colour
- High Sensitivity D5000 Sample Buffer: Colourless.
- High Sensitivity D5000 Ladder: Colourless.

### Odour
- High Sensitivity D5000 Sample Buffer: Odourless.
- High Sensitivity D5000 Ladder: Odourless.

### Odour threshold
- Not available.

### pH
- High Sensitivity D5000 Sample Buffer: 8
- High Sensitivity D5000 Ladder: 8

### Melting point
- Not available.

### Boiling point
- ~189°C (372°F)

### Flash point
- Not available.

### Evaporation rate
- Not available.

### Flammability (solid, gas)
- Not applicable.
### Section 9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>High Sensitivity D5000 Sample Buffer</th>
<th>High Sensitivity D5000 Ladder</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lower and upper explosive (flammable) limits</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Vapour pressure</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Vapour density</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Relative density</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Solubility</strong></td>
<td>Easily soluble in the following materials: cold water and hot water.</td>
<td>Easily soluble in the following materials: cold water and hot water.</td>
</tr>
<tr>
<td><strong>Partition coefficient: n-octanol/water</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Auto-ignition temperature</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Decomposition temperature</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

### Section 10. Stability and reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>High Sensitivity D5000 Sample Buffer</th>
<th>High Sensitivity D5000 Ladder</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reactivity</strong></td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
</tr>
<tr>
<td><strong>Chemical stability</strong></td>
<td>The product is stable.</td>
<td>The product is stable.</td>
</tr>
<tr>
<td><strong>Possibility of hazardous reactions</strong></td>
<td>Under normal conditions of storage and use, hazardous reactions will not occur.</td>
<td>Under normal conditions of storage and use, hazardous reactions will not occur.</td>
</tr>
<tr>
<td><strong>Conditions to avoid</strong></td>
<td>No specific data.</td>
<td>No specific data.</td>
</tr>
</tbody>
</table>

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**Date of previous issue** : 07/07/2016

**Version** : 3
Section 10. Stability and reactivity

Incompatible materials:
- High Sensitivity D5000 Sample Buffer
- High Sensitivity D5000 Ladder

May react or be incompatible with oxidising materials.

Hazardous decomposition products:
- High Sensitivity D5000 Sample Buffer
- High Sensitivity D5000 Ladder

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>High Sensitivity D5000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sample Buffer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sucrose</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>29700 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

Irritation/Corrosion
Not available.

Sensitisation
Not available.

Mutagenicity
- Conclusion/Summary: Not available.

Carcinogenicity
- Conclusion/Summary: Not available.

Reproductive toxicity
- Conclusion/Summary: Not available.

Teratogenicity
- Conclusion/Summary: 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

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>High Sensitivity D5000 Sample Buffer</td>
<td>Not available.</td>
</tr>
<tr>
<td></td>
<td>High Sensitivity D5000 Ladder</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

Potential acute health effects

Eye contact:
- High Sensitivity D5000 Sample Buffer
- High Sensitivity D5000 Ladder

No known significant effects or critical hazards.

Inhalation:
- High Sensitivity D5000 Sample Buffer
- High Sensitivity D5000 Ladder

No known significant effects or critical hazards.

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## Section 11. Toxicological information

| Skin contact | High Sensitivity D5000 Sample Buffer | No known significant effects or critical hazards. |
| Skin contact | High Sensitivity D5000 Ladder | No known significant effects or critical hazards. |

| Ingestion | High Sensitivity D5000 Sample Buffer | No known significant effects or critical hazards. |
| Ingestion | High Sensitivity D5000 Ladder | No known significant effects or critical hazards. |

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

| Eye contact | High Sensitivity D5000 Sample Buffer | No specific data. |
| Eye contact | High Sensitivity D5000 Ladder | No specific data. |

| Inhalation | High Sensitivity D5000 Sample Buffer | No specific data. |
| Inhalation | High Sensitivity D5000 Ladder | No specific data. |

| Skin contact | High Sensitivity D5000 Sample Buffer | No specific data. |
| Skin contact | High Sensitivity D5000 Ladder | No specific data. |

| Ingestion | High Sensitivity D5000 Sample Buffer | No specific data. |
| Ingestion | High Sensitivity D5000 Ladder | No specific data. |

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

#### Short term exposure

| 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

| General | High Sensitivity D5000 Sample Buffer | No known significant effects or critical hazards. |
| General | High Sensitivity D5000 Ladder | No known significant effects or critical hazards. |

| Carcinogenicity | High Sensitivity D5000 Sample Buffer | No known significant effects or critical hazards. |
| Carcinogenicity | High Sensitivity D5000 Ladder | No known significant effects or critical hazards. |

| Mutagenicity | High Sensitivity D5000 Sample Buffer | No known significant effects or critical hazards. |
| Mutagenicity | High Sensitivity D5000 Ladder | No known significant effects or critical hazards. |

| Teratogenicity | High Sensitivity D5000 Sample Buffer | No known significant effects or critical hazards. |
| Teratogenicity | High Sensitivity D5000 Ladder | No known significant effects or critical hazards. |

| Developmental effects | High Sensitivity D5000 Sample Buffer | No known significant effects or critical hazards. |
| Developmental effects | High Sensitivity D5000 Ladder | No known significant effects or critical hazards. |
Section 11. Toxicological information

Fertility effects:
- High Sensitivity D5000 Sample Buffer
- High Sensitivity D5000 Ladder

No known significant effects or critical hazards.

Numerical measures of toxicity
Acute toxicity estimates
Not available.

Section 12. Ecological information

Toxicity
Not available.

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>High Sensitivity D5000 Sample Buffer Sucrose</td>
<td>-3.7</td>
<td>-</td>
<td>low</td>
</tr>
</tbody>
</table>

Mobility in soil
- 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 spill material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

ADG / IMDG / IATA: Not regulated as Dangerous Goods according to the ADG Code.

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.

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Section 15. Regulatory information

**Standard Uniform Schedule of Medicine and Poisons**
6

**Model Work Health and Safety Regulations - Scheduled Substances**
No listed substance

**International regulations**

**Chemical Weapon Convention List Schedules I, II & III Chemicals**
Not listed.

**Montreal Protocol (Annexes A, B, C, E)**
Not listed.

**Stockholm Convention on Persistent Organic Pollutants**
Not listed.

**Rotterdam Convention on Prior Informed Consent (PIC)**
Not listed.

**UNECE Aarhus Protocol on POPs and Heavy Metals**
Not listed.

**Inventory list**

<table>
<thead>
<tr>
<th>Country</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Canada</td>
<td>Not determined.</td>
</tr>
<tr>
<td>China</td>
<td>All components are listed or exempted.</td>
</tr>
<tr>
<td>Europe</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Japan</td>
<td>Japan inventory (ENCS): Not determined.</td>
</tr>
<tr>
<td></td>
<td>Japan inventory (ISHL): Not determined.</td>
</tr>
<tr>
<td>Malaysia</td>
<td>Not determined.</td>
</tr>
<tr>
<td>New Zealand</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Philippines</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Republic of Korea</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Taiwan</td>
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</tr>
<tr>
<td>Thailand</td>
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<td>Turkey</td>
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<td>United States</td>
<td>Not determined.</td>
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<tr>
<td>Viet Nam</td>
<td>Not determined.</td>
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</table>

Section 16. Any other relevant information

**History**

<table>
<thead>
<tr>
<th>Date of issue/Date of revision</th>
<th>26/03/2018</th>
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**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

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**Date of issue/Date of revision** : 26/03/2018  **Date of previous issue** : 07/07/2016  **Version** : 3
Section 16. Any other relevant information

Notice to reader

Indicates information that has changed from previously issued version.

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Procedure used to derive the classification

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References: Not available.