Section 1. Identification

Product identifier : pFB-Neo Retroviral Vector, Part Number 217561
Part no. (chemical kit) : 217561
Part no. : pFB-Neo Retroviral Vector 217561-51
pFB-Luciferase Expression Control Vector 217561-53

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

Material uses :
- pFB-Neo Retroviral Vector : 0.01 ml (10 µg  1 µg/µl)
- pFB-Luciferase Expression Control Vector : 0.01 ml (10 µg  1 µg/µl)

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 :
- pFB-Neo Retroviral Vector : No signal word.
- pFB-Luciferase Expression Control Vector : No signal word.

Hazard statements :
- pFB-Neo Retroviral Vector : No known significant effects or critical hazards.
- pFB-Luciferase Expression Control Vector : No known significant effects or critical hazards.

Precautionary statements

Prevention :
- pFB-Neo Retroviral Vector : Not applicable.
- pFB-Luciferase Expression Control Vector : Not applicable.

Response :
- pFB-Neo Retroviral Vector : Not applicable.
- pFB-Luciferase Expression Control Vector : Not applicable.

Storage :
- pFB-Neo Retroviral Vector : Not applicable.
- pFB-Luciferase Expression Control Vector : Not applicable.

Disposal :
- pFB-Neo Retroviral Vector : Not applicable.
- pFB-Luciferase Expression Control Vector : Not applicable.

Supplemental label elements

Additional warning phrases :
- pFB-Neo Retroviral Vector : Not applicable.
- pFB-Luciferase Expression Control Vector : Not applicable.

Date of issue/Date of revision : 16/04/2019
Date of previous issue : 24/03/2017
Version : 5

## Section 2. Hazard(s) identification

<table>
<thead>
<tr>
<th>Other hazards which do not result in classification</th>
<th>pFB-Neo Retroviral Vector</th>
<th>None known.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>pFB-Luciferase Expression Control Vector</td>
<td>None known.</td>
</tr>
</tbody>
</table>

## Section 3. Composition and ingredient information

<table>
<thead>
<tr>
<th>Substance/mixture</th>
<th>pFB-Neo Retroviral Vector</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>pFB-Luciferase Expression Control Vector</td>
<td>Mixture</td>
</tr>
</tbody>
</table>

**CAS number/other identifiers**

There are no 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**

<table>
<thead>
<tr>
<th>Substance/mixture</th>
<th>pFB-Neo Retroviral Vector</th>
<th>pFB-Luciferase Expression Control Vector</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>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.</td>
<td>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.</td>
</tr>
</tbody>
</table>

**Inhalation**

<table>
<thead>
<tr>
<th>Substance/mixture</th>
<th>pFB-Neo Retroviral Vector</th>
<th>pFB-Luciferase Expression Control Vector</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.</td>
<td>Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.</td>
</tr>
</tbody>
</table>

**Skin contact**

<table>
<thead>
<tr>
<th>Substance/mixture</th>
<th>pFB-Neo Retroviral Vector</th>
<th>pFB-Luciferase Expression Control Vector</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</td>
<td>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</td>
</tr>
</tbody>
</table>

**Ingestion**

<table>
<thead>
<tr>
<th>Substance/mixture</th>
<th>pFB-Neo Retroviral Vector</th>
<th>pFB-Luciferase Expression Control Vector</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>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.</td>
<td>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.</td>
</tr>
</tbody>
</table>

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

**Potential acute health effects**

<table>
<thead>
<tr>
<th>Substance/mixture</th>
<th>pFB-Neo Retroviral Vector</th>
<th>pFB-Luciferase Expression Control Vector</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No known significant effects or critical hazards.</td>
<td>No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

### Date of issue/Date of revision

- Date of issue: 16/04/2019
- Date of revision: 24/03/2017
- Version: 5

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2/11
Section 4. First aid measures

Inhalation: pFB-Neo Retroviral Vector pFB-Luciferase Expression Control Vector
No known significant effects or critical hazards.

Skin contact: pFB-Neo Retroviral Vector pFB-Luciferase Expression Control Vector
No known significant effects or critical hazards.

Ingestion: pFB-Neo Retroviral Vector pFB-Luciferase Expression Control Vector
No known significant effects or critical hazards.

Protection of first-aiders:
No action shall be taken involving any personal risk or without suitable training.

Notes to physician:
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments:
No specific treatment.

Protection of first-aiders:
No action shall be taken involving any personal risk or without suitable training.

Over-exposure signs/symptoms:

Inhalation:
No known significant effects or critical hazards.

Skin contact:
No known significant effects or critical hazards.

Ingestion:
No known significant effects or critical hazards.

Specific treatments:
No specific data.

Eye contact:
No specific data.

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

Notes to physician:
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments:
No specific treatment.

Protection of first-aiders:
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:
- pFB-Neo Retroviral Vector pFB-Luciferase Expression Control Vector
  Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media:
- pFB-Neo Retroviral Vector pFB-Luciferase Expression Control Vector
  None known.

Specific hazards arising from the chemical:
- pFB-Neo Retroviral Vector pFB-Luciferase Expression Control Vector
  In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products:
- pFB-Neo Retroviral Vector pFB-Luciferase Expression Control Vector
  No specific data.
## Section 5. Firefighting measures

<table>
<thead>
<tr>
<th>Special protective actions for fire-fighters</th>
<th>pFB-Neo Retroviral Vector</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>pFB-Luciferase Expression Control Vector</td>
<td>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.</td>
</tr>
<tr>
<td>Special protective equipment for fire-fighters</td>
<td>pFB-Neo Retroviral Vector</td>
<td>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.</td>
</tr>
<tr>
<td></td>
<td>pFB-Luciferase Expression Control Vector</td>
<td>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.</td>
</tr>
</tbody>
</table>

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

<table>
<thead>
<tr>
<th>For non-emergency personnel</th>
<th>pFB-Neo Retroviral Vector</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>pFB-Luciferase Expression Control Vector</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>

<table>
<thead>
<tr>
<th>For emergency responders</th>
<th>pFB-Neo Retroviral Vector</th>
<th>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;.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>pFB-Luciferase Expression Control Vector</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>

<table>
<thead>
<tr>
<th>Environmental precautions</th>
<th>pFB-Neo Retroviral Vector</th>
<th>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).</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>pFB-Luciferase Expression Control Vector</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>Methods for cleaning up</th>
<th>pFB-Neo Retroviral Vector</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>pFB-Luciferase Expression</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 6. Accidental release measures

Control Vector 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.

Section 7. Handling and storage

Precautions for safe handling

**Protective measures**
- pFB-Neo Retroviral Vector: Put on appropriate personal protective equipment (see Section 8).
- pFB-Luciferase Expression Control Vector: Put on appropriate personal protective equipment (see Section 8).

**Advice on general occupational hygiene**
- pFB-Neo Retroviral Vector: 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.
- pFB-Luciferase Expression Control Vector: 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.

**Conditions for safe storage, including any incompatibilities**
- pFB-Neo Retroviral Vector: 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.
- pFB-Luciferase Expression Control Vector: 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**
None.

**Appropriate engineering controls**
- Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Date of issue/Date of revision: 16/04/2019
Date of previous issue: 24/03/2017
Version: 5
Section 8. Exposure controls and personal protection

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 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.

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.

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

Appearance

Physical state : pFB-Neo Retroviral Vector Liquid.
                pFB-Luciferase Expression Control Vector Liquid.

Colour : pFB-Neo Retroviral Vector Not available.
          pFB-Luciferase Expression Control Vector Not available.

Odour : pFB-Neo Retroviral Vector Not available.
         pFB-Luciferase Expression Control Vector Not available.

Odour threshold : pFB-Neo Retroviral Vector Not available.
                 pFB-Luciferase Expression Control Vector Not available.

pH : pFB-Neo Retroviral Vector 7.5
     pFB-Luciferase Expression Control Vector 7.5

Melting point : pFB-Neo Retroviral Vector 0°C (32°F)
               pFB-Luciferase Expression Control Vector 0°C (32°F)

Boiling point : pFB-Neo Retroviral Vector 100°C (212°F)
                pFB-Luciferase Expression Control Vector 100°C (212°F)

Flash point : pFB-Neo Retroviral Vector Not available.
              pFB-Luciferase Expression Control Vector Not available.
### Section 9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>pFB-Neo Retroviral Vector</th>
<th>pFB-Luciferase Expression Control Vector</th>
<th>pFB-Neo Retroviral Vector</th>
<th>pFB-Luciferase Expression Control Vector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Lower and upper explosive (flammable) limits</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility</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>
<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>Partition coefficient: n-octanol/water</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>

### Section 10. Stability and reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>pFB-Neo Retroviral Vector</th>
<th>pFB-Luciferase Expression Control Vector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</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>Chemical stability</td>
<td>The product is stable.</td>
<td>The product is stable.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</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>Conditions to avoid</td>
<td>No specific data.</td>
<td>No specific data.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>May react or be incompatible with oxidising materials.</td>
<td>May react or be incompatible with oxidising materials.</td>
</tr>
</tbody>
</table>
Section 10. Stability and reactivity

Hazardous decomposition products

- pFB-Neo Retroviral Vector
- pFB-Luciferase Expression Control Vector

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity
Not available.

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

- pFB-Neo Retroviral Vector
- pFB-Luciferase Expression Control Vector

Potential acute health effects

Eye contact:

- pFB-Neo Retroviral Vector
- pFB-Luciferase Expression Control Vector

No known significant effects or critical hazards.

Inhalation:

- pFB-Neo Retroviral Vector
- pFB-Luciferase Expression Control Vector

No known significant effects or critical hazards.

Skin contact:

- pFB-Neo Retroviral Vector
- pFB-Luciferase Expression Control Vector

No known significant effects or critical hazards.

Ingestion:

- pFB-Neo Retroviral Vector
- pFB-Luciferase Expression Control Vector

No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact

- pFB-Neo Retroviral Vector
- pFB-Luciferase Expression Control Vector

No specific data.
### Section 11. Toxicological information

#### Inhalation
- **pFB-Neo Retroviral Vector**: No specific data.
- **pFB-Luciferase Expression Control Vector**: No specific data.

#### Skin contact
- **pFB-Neo Retroviral Vector**: No specific data.
- **pFB-Luciferase Expression Control Vector**: No specific data.

#### Ingestion
- **pFB-Neo Retroviral Vector**: No specific data.
- **pFB-Luciferase Expression Control Vector**: No specific data.

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

#### Short term exposure
- **Potential immediate effects**
  - **pFB-Neo Retroviral Vector**: Not available.
  - **pFB-Luciferase Expression Control Vector**: Not available.

#### Long term exposure
- **Potential immediate effects**
  - **pFB-Neo Retroviral Vector**: Not available.
  - **pFB-Luciferase Expression Control Vector**: Not available.

- **Potential delayed effects**
  - **pFB-Neo Retroviral Vector**: Not available.
  - **pFB-Luciferase Expression Control Vector**: Not available.

#### General
- **pFB-Neo Retroviral Vector**: No known significant effects or critical hazards.
- **pFB-Luciferase Expression Control Vector**: No known significant effects or critical hazards.

#### Carcinogenicity
- **pFB-Neo Retroviral Vector**: No known significant effects or critical hazards.
- **pFB-Luciferase Expression Control Vector**: No known significant effects or critical hazards.

#### Mutagenicity
- **pFB-Neo Retroviral Vector**: No known significant effects or critical hazards.
- **pFB-Luciferase Expression Control Vector**: No known significant effects or critical hazards.

#### Teratogenicity
- **pFB-Neo Retroviral Vector**: No known significant effects or critical hazards.
- **pFB-Luciferase Expression Control Vector**: No known significant effects or critical hazards.

#### Developmental effects
- **pFB-Neo Retroviral Vector**: No known significant effects or critical hazards.
- **pFB-Luciferase Expression Control Vector**: No known significant effects or critical hazards.

#### Fertility effects
- **pFB-Neo Retroviral Vector**: No known significant effects or critical hazards.
- **pFB-Luciferase Expression Control Vector**: No known significant effects or critical hazards.

#### Numerical measures of toxicity

- **Acute toxicity estimates**
  - N/A

### Section 12. Ecological information

- **Toxicity**
  - Not available.

- **Persistence and degradability**
  - Not available.

- **Bioaccumulative potential**
Section 12. Ecological information

Not available.

**Mobility in soil**

- **Soil/water partition coefficient (Koc)**: 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 spilt 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.

Section 15. Regulatory information

**Standard Uniform Schedule of Medicine and Poisons**

Not regulated.

**Model Work Health and Safety Regulations - Scheduled Substances**

No listed substance

**International regulations**

- **Chemical Weapon Convention List Schedules I, II & III Chemicals**: Not listed.
- **Stockholm Convention on Persistent Organic Pollutants**: Not listed.
- **UNECE Aarhus Protocol on POPs and Heavy Metals**: Not listed.

**Inventory list**

- **Australia**: All components are listed or exempted.
Section 15. Regulatory information

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

Section 16. Any other relevant information

History

<table>
<thead>
<tr>
<th>Date of issue/Date of revision</th>
<th>16/04/2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of previous issue</td>
<td>24/03/2017</td>
</tr>
<tr>
<td>Version</td>
<td>5</td>
</tr>
</tbody>
</table>

Key to abbreviations

- ADG = Australian Dangerous Goods
- ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
- 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
- N/A = Not available
- SUSMP = Standard Uniform Schedule of Medicine and Poisons
- UN = United Nations

Procedure used to derive the classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not classified.</td>
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References

- Not available.

Indicates information that has changed from previously issued version.

Notice to reader

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