## Section 1. Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>CRS BTX standards, 100ng, Part Number C-BTX100NG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part no. (chemical kit)</td>
<td>C-BTX100NG</td>
</tr>
<tr>
<td>Part no.</td>
<td>Shipping Blank Not available. Sample Tubes Not available.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Material uses</th>
<th>Reagents and Standards for Analytical Chemistry Laboratory Use tubes - 3.5&quot;x 0.25&quot; Stainless Steel with brass storage caps</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Shipping Blank 1 x 200 mg Sample Tubes 10 x 200 mg</td>
</tr>
</tbody>
</table>

### Supplier/Manufacturer

<table>
<thead>
<tr>
<th>Supplier/Manufacturer</th>
<th>Agilent Technologies Australia Pty Ltd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>679 Springvale Road Mulgrave</td>
</tr>
<tr>
<td></td>
<td>Victoria 3170, Australia</td>
</tr>
<tr>
<td></td>
<td>1800 802 402</td>
</tr>
</tbody>
</table>

### Emergency telephone number (with hours of operation)

<table>
<thead>
<tr>
<th>Emergency telephone number</th>
<th>CHEMTREC®: +(61)-290372994</th>
</tr>
</thead>
</table>

## Section 2. Hazard(s) identification

### Classification of the substance or mixture

#### Shipping Blank

- **H315** SKIN CORROSION/IRRITATION - Category 2
- **H319** SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
- **H335** SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3

#### Sample Tubes

- **H315** SKIN CORROSION/IRRITATION - Category 2
- **H319** SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
- **H335** SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3

### GHS label elements

- Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: > 60%
- Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: > 60%
- Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: > 60%
- Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 100%
Section 2. Hazard(s) identification

**Hazard pictograms**
- Shipping Blank
- Sample Tubes

**Signal word**
- Shipping Blank: WARNING
- Sample Tubes: WARNING

**Hazard statements**
- Shipping Blank: H319 - Causes serious eye irritation.  
  H315 - Causes skin irritation.  
  H335 - May cause respiratory irritation.
- Sample Tubes: H319 - Causes serious eye irritation.  
  H315 - Causes skin irritation.  
  H335 - May cause respiratory irritation.

**Precautionary statements**

**Prevention**
- Shipping Blank: P280 - Wear protective gloves. Wear eye or face protection.  
  P271 - Use only outdoors or in a well-ventilated area.  
  P261 - Avoid breathing dust.  
  P264 - Wash hands thoroughly after handling.
- Sample Tubes: P280 - Wear protective gloves. Wear eye or face protection.  
  P271 - Use only outdoors or in a well-ventilated area.  
  P261 - Avoid breathing dust.  
  P264 - Wash hands thoroughly after handling.

**Response**
- Shipping Blank: P304 + P340 + P312 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.  
  P302 + P352 + P362 + P363 - IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.  
  P332 + P313 - If skin irritation occurs: Get medical attention.  
  P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
  P337 + P313 - If eye irritation persists: Get medical attention.
- Sample Tubes: P304 + P340 + P312 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.  
  P302 + P352 + P362 + P363 - IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.  
  P332 + P313 - If skin irritation occurs: Get medical attention.  
  P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
  P337 + P313 - If eye irritation persists: Get medical attention.

**Storage**
- Shipping Blank: P405 - Store locked up.
- Sample Tubes: P405 - Store locked up.
Section 2. Hazard(s) identification

**Disposal**
- **Shipping Blank**: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
- **Sample Tubes**: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Supplemental label elements**
- **Additional warning phrases**
  - **Shipping Blank**: Not applicable.
  - **Sample Tubes**: Not applicable.

**Other hazards which do not result in classification**
- **Shipping Blank**: May form explosible dust-air mixture if dispersed.
- **Sample Tubes**: May form explosible dust-air mixture if dispersed.

Section 3. Composition and ingredient information

**Substance/mixture**
- **Shipping Blank**: Substance
- **Sample Tubes**: 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>Shipping Blank Poly(oxy[1,1':3',1&quot;-terphenyl]-2',5'-diyl)-</td>
<td>100</td>
<td>24938-68-9</td>
</tr>
<tr>
<td>Sample Tubes Poly(oxy[1,1':3',1&quot;-terphenyl]-2',5'-diyl)-</td>
<td>≥90</td>
<td>24938-68-9</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**
- **Shipping Blank**: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- **Sample Tubes**: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Inhalation**
- **Shipping Blank**: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- **Sample Tubes**: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear...
Section 4. First aid measures

Skin contact

Shipping Blank
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Sample Tubes
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion

Shipping Blank
Wash out mouth with water. Remove dentures if any. 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. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Sample Tubes
Wash out mouth with water. Remove dentures if any. 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. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact

Shipping Blank
Causes serious eye irritation.

Sample Tubes
Causes serious eye irritation.

Inhalation

Shipping Blank
May cause respiratory irritation.

Sample Tubes
May cause respiratory irritation.
## Section 4. First aid measures

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Shipping Blank</th>
<th>Sample Tubes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Skin contact</strong></td>
<td>Causes skin irritation.</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td><strong>Ingestion</strong></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>Subsection</th>
<th>Shipping Blank</th>
<th>Sample Tubes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eye contact</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

#### Notes to physician

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Shipping Blank</th>
<th>Sample Tubes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eye contact</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Specific treatments

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Shipping Blank</th>
<th>Sample Tubes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eye contact</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Protection of first-aiders

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Shipping Blank</th>
<th>Sample Tubes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eye contact</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

#### Extinguishing media

**Suitable extinguishing media**
- **Shipping Blank**: Use dry chemical powder.
- **Sample Tubes**: Use dry chemical powder.

**Unsuitable extinguishing media**
- **Shipping Blank**: Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.
- **Sample Tubes**: Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.

#### Specific hazards arising from the chemical
- **Shipping Blank**: May form explosible dust-air mixture if dispersed.
- **Sample Tubes**: May form explosible dust-air mixture if dispersed.

#### Hazardous thermal decomposition products
- **Shipping Blank**: Decomposition products may include the following materials:
  - Carbon dioxide
  - Carbon monoxide
- **Sample Tubes**: Decomposition products may include the following materials:
  - Carbon dioxide
  - Carbon monoxide

#### Special protective actions for fire-fighters
- **Shipping Blank**: 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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- **Sample Tubes**: 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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

#### Special protective equipment for fire-fighters
- **Shipping Blank**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
- **Sample Tubes**: 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**
- **Shipping Blank**: 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 spill material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- **Sample Tubes**: 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 spill material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
Section 6. Accidental release measures

For emergency responders : Shipping Blank
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 "For non-emergency personnel".
Sample Tubes
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 "For non-emergency personnel".

Environmental precautions : Shipping Blank
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).
Sample Tubes
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).

Methods and material for containment and cleaning up

Methods for cleaning up : Shipping Blank
Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
Sample Tubes
Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Shipping Blank
Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
Sample Tubes
Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent
**Section 7. Handling and storage**

**Advice on general occupational hygiene**

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.

**Sample Tubes**

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**

Store in accordance with local regulations. Store in a segregated and approved area. 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. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. 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.

**Sample Tubes**

Store in accordance with local regulations. Store in a segregated and approved area. 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. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. 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

Environmental exposure controls

Section 9. Physical and chemical properties

Appearance

Physical state

<table>
<thead>
<tr>
<th></th>
<th>Shipping Blank</th>
<th>Sample Tubes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solid. [Powder.]</td>
<td>Solid. [Powder.]</td>
</tr>
</tbody>
</table>

Colour

<table>
<thead>
<tr>
<th></th>
<th>Shipping Blank</th>
<th>Sample Tubes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>White.</td>
<td>White.</td>
</tr>
</tbody>
</table>

Odour

<table>
<thead>
<tr>
<th></th>
<th>Shipping Blank</th>
<th>Sample Tubes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Odourless.</td>
<td>Odourless.</td>
</tr>
</tbody>
</table>

Odour threshold

<table>
<thead>
<tr>
<th></th>
<th>Shipping Blank</th>
<th>Sample Tubes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

pH

<table>
<thead>
<tr>
<th></th>
<th>Shipping Blank</th>
<th>Sample Tubes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>
### Section 9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Shipping Blank</th>
<th>Sample Tubes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Melting point</strong></td>
<td>460°C (860°F)</td>
<td></td>
</tr>
<tr>
<td><strong>Boiling point</strong></td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td><strong>Flash point</strong></td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td><strong>Evaporation rate</strong></td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td><strong>Lower and upper explosive (flammable) limits</strong></td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td><strong>Vapour pressure</strong></td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td><strong>Vapour density</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Relative density</strong></td>
<td>0.25</td>
<td></td>
</tr>
<tr>
<td><strong>Solubility</strong></td>
<td>Insoluble in the following materials: cold water and hot water.</td>
<td></td>
</tr>
<tr>
<td><strong>Partition coefficient: n-octanol/water</strong></td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td><strong>Auto-ignition temperature</strong></td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td><strong>Decomposition temperature</strong></td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>Not available.</td>
<td></td>
</tr>
</tbody>
</table>

### Section 10. Stability and reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Shipping Blank</th>
<th>Sample Tubes</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></td>
</tr>
<tr>
<td><strong>Chemical stability</strong></td>
<td>The product is stable.</td>
<td></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></td>
</tr>
<tr>
<td><strong>Conditions to avoid</strong></td>
<td>Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material.</td>
<td></td>
</tr>
</tbody>
</table>
Section 10. Stability and reactivity

bonding containers and equipment before transferring material. Prevent dust accumulation.

**Incompatible materials**
- **Shipping Blank**: Reactive or incompatible with the following materials: oxidizing materials
- **Sample Tubes**: Reactive or incompatible with the following materials: oxidizing materials

**Hazardous decomposition products**
- **Shipping Blank**: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- **Sample Tubes**: 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)**

<table>
<thead>
<tr>
<th>Name</th>
<th>Category</th>
<th>Route of exposure</th>
<th>Target organs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Shipping Blank</strong></td>
<td>Category 3</td>
<td>Not applicable.</td>
<td>Respiratory tract irritation</td>
</tr>
<tr>
<td>Poly(oxy[1,1':3',1&quot;-terphenyl]-2',5'-diyl)-</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sample Tubes</strong></td>
<td>Category 3</td>
<td>Not applicable.</td>
<td>Respiratory tract irritation</td>
</tr>
<tr>
<td>Poly(oxy[1,1':3',1&quot;-terphenyl]-2',5'-diyl)-</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**Aspiration hazard**
- Not available.

**Information on likely routes of exposure**

- **Shipping Blank**: Routes of entry anticipated: Oral, Dermal, Inhalation.
- **Sample Tubes**: Routes of entry anticipated: Oral, Dermal, Inhalation.

**Potential acute health effects**

**Eye contact**
- **Shipping Blank**: Causes serious eye irritation.
- **Sample Tubes**: Causes serious eye irritation.
Section 11. Toxicological information

**Inhalation**
- **Shipping Blank**: May cause respiratory irritation.
- **Sample Tubes**: May cause respiratory irritation.
- **Sample Tubes**

**Skin contact**
- **Shipping Blank**: Causes skin irritation.
- **Sample Tubes**: Causes skin irritation.
- **Sample Tubes**

**Ingestion**
- **Shipping Blank**: No known significant effects or critical hazards.
- **Sample Tubes**: No known significant effects or critical hazards.
- **Sample Tubes**

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

**Eye contact**
- **Shipping Blank**: Adverse symptoms may include the following:
  - pain or irritation
  - watering
  - redness
- **Sample Tubes**: Adverse symptoms may include the following:
  - pain or irritation
  - watering
  - redness
- **Sample Tubes**

**Inhalation**
- **Shipping Blank**: Adverse symptoms may include the following:
  - respiratory tract irritation
  - coughing
- **Sample Tubes**: Adverse symptoms may include the following:
  - respiratory tract irritation
  - coughing
- **Sample Tubes**

**Skin contact**
- **Shipping Blank**: Adverse symptoms may include the following:
  - irritation
  - redness
- **Sample Tubes**: Adverse symptoms may include the following:
  - irritation
  - redness
- **Sample Tubes**

**Ingestion**
- **Shipping Blank**: No specific data.
- **Sample Tubes**: No specific data.
- **Sample Tubes**

**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**
- **Shipping Blank**: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
- **Sample Tubes**: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
- **Sample Tubes**

**Carcinogenicity**
- **Shipping Blank**: No known significant effects or critical hazards.
- **Sample Tubes**: No known significant effects or critical hazards.
- **Sample Tubes**

**Mutagenicity**
- **Shipping Blank**: No known significant effects or critical hazards.
- **Sample Tubes**: No known significant effects or critical hazards.
- **Sample Tubes**

**Teratogenicity**
- **Shipping Blank**: No known significant effects or critical hazards.
- **Sample Tubes**: No known significant effects or critical hazards.
- **Sample Tubes**

**Developmental effects**
- **Shipping Blank**: No known significant effects or critical hazards.
- **Sample Tubes**: No known significant effects or critical hazards.
- **Sample Tubes**

**Fertility effects**
- **Shipping Blank**: No known significant effects or critical hazards.
- **Sample Tubes**: No known significant effects or critical hazards.
- **Sample Tubes**
Section 11. Toxicological information

Numerical measures of toxicity

Acute toxicity estimates
Not available.

Section 12. Ecological information

Toxicity
Not available.

Persistence and degradability
Not available.

Bioaccumulative potential
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. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. 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

7

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

Australia : Not determined.
Canada : Not determined.
China : All components are listed or exempted.
Europe : All components are listed or exempted.
Japan : Japan inventory (ENCS): All components are listed or exempted.
Japan inventory (ISHL): All components are listed or exempted.
Malaysia : All components are listed or exempted.
New Zealand : Not determined.
Philippines : Not determined.
Republic of Korea : Not determined.
Taiwan : All components are listed or exempted.
Thailand : Not determined.
Turkey : All components are listed or exempted.
United States : All components are listed or exempted.
Viet Nam : Not determined.

Section 16. Any other relevant information

History

Date of issue/Date of revision : 22/10/2018
Date of previous issue : No previous validation
Version : 1

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
## Procedure used to derive the classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Shipping Blank</strong></td>
<td></td>
</tr>
<tr>
<td>Skin Irrit. 2, H315</td>
<td>Calculation method</td>
</tr>
<tr>
<td>Eye Irrit. 2A, H319</td>
<td>Calculation method</td>
</tr>
<tr>
<td>STOT SE 3, H335</td>
<td>Calculation method</td>
</tr>
</tbody>
</table>

| **Sample Tubes** | |
| Skin Irrit. 2, H315 | Calculation method |
| Eye Irrit. 2A, H319 | Calculation method |
| STOT SE 3, H335 | Calculation method |

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Notice to reader

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