SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

<table>
<thead>
<tr>
<th>Product name</th>
<th>BioSentry® 904 Disinfectant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product code</td>
<td>D12670227, D12695581, D12709557</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Product Use</th>
<th>[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC8] Biocidal products (e.g. Disinfectants, pest control);</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Disinfectant.</td>
</tr>
</tbody>
</table>

1.3. Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Company</th>
<th>Neogen Corporation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>620 Lesher Place, Lansing MI 48912 USA</td>
</tr>
<tr>
<td>Web</td>
<td><a href="http://www.neogen.com">www.neogen.com</a></td>
</tr>
<tr>
<td>Telephone</td>
<td>517-372-9200/800-234-5333</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:SDS@neogen.com">SDS@neogen.com</a></td>
</tr>
</tbody>
</table>

1.4. Emergency telephone number

| 24 hours: Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international) |
| Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international) |

Further information

- HACCO, Inc.
  110 Hopkins Dr.
  Randolph, WI 53956-1316 U.S.A.
  HACCO, Inc. is a wholly-owned subsidiary of Neogen Corporation.

- Preserve International
  944 Nandino Blvd.
  Lexington, KY 40511-1205 U.S.A.
  Preserve International is a wholly-owned subsidiary of Neogen Corporation.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - GHS

| Acute Tox. 4: H302; Skin Corr. 1B: H314; Acute Tox. 3: H331; Carc. 2: H351; STOT SE 2: H371; STOT RE 1: H372; Aquatic Chronic 1: H410; |

2.2. Label elements
## 2.2. Label elements

### Hazard pictograms

<table>
<thead>
<tr>
<th>Pictogram</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Pictogram" /></td>
<td>Danger</td>
</tr>
<tr>
<td><img src="image2" alt="Pictogram" /></td>
<td>Acute Tox. 4: H302 - Harmful if swallowed.</td>
</tr>
<tr>
<td><img src="image3" alt="Pictogram" /></td>
<td>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td><img src="image4" alt="Pictogram" /></td>
<td>Acute Tox. 3: H331 - Toxic if inhaled.</td>
</tr>
<tr>
<td><img src="image5" alt="Pictogram" /></td>
<td>Carc. 2: H351 - Suspected of causing cancer.</td>
</tr>
<tr>
<td><img src="image6" alt="Pictogram" /></td>
<td>STOT SE 2: H371 - May cause damage to organs.</td>
</tr>
<tr>
<td><img src="image7" alt="Pictogram" /></td>
<td>STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure.</td>
</tr>
<tr>
<td><img src="image8" alt="Pictogram" /></td>
<td>Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</td>
</tr>
</tbody>
</table>

### Signal Word
- **Danger**

### Hazard Statement
- **Acute Tox. 4: H302** - Harmful if swallowed.
- **Skin Corr. 1B: H314** - Causes severe skin burns and eye damage.
- **Acute Tox. 3: H331** - Toxic if inhaled.
- **Carc. 2: H351** - Suspected of causing cancer.
- **STOT SE 2: H371** - May cause damage to organs.
- **STOT RE 1: H372** - Causes damage to organs through prolonged or repeated exposure.
- **Aquatic Chronic 1: H410** - Very toxic to aquatic life with long lasting effects.

### Precautionary Statement: Prevention
- P202 - Do not handle until all safety precautions have been read and understood.
- P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
- P264 - Wash thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P271 - Use only outdoors or in a well-ventilated area.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.

### Precautionary Statement: Response
- P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P313 - IF exposed or concerned: Get medical advice/attention.
- P363 - Wash contaminated clothing before reuse.

### Precautionary Statement: Storage
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

### Precautionary Statement: Disposal
- P501 - Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations.

## 2.3. Other hazards

### Other hazards
- Contains: Flammable liquid. (<10%). May be harmful in contact with skin.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures
3.2. Mixtures

EC 1272/2008

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Index No.</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration Number</th>
<th>Conc. (%w/w)</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonylphenoxypolyethoxy ethanol</td>
<td>127087-87-0</td>
<td>500-315-8</td>
<td>1 - 10%</td>
<td>Acute Tox. 4: H302; H332; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 2: H411; Flam. Liq. 3: H226; Acute Tox. 3: H301+H313; Skin Corr. 1B: H314; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Didecyldimethylammonium chloride.</td>
<td>7173-51-5</td>
<td>230-525-2</td>
<td>10 - 20%</td>
<td>Flam. Liq. 3: H226; Acute Tox. 3: H301+H313; Skin Corr. 1B: H314; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quaternary ammonium compounds, 612-140-00-5</td>
<td>63449-41-2</td>
<td>264-151-6</td>
<td>1 - 10%</td>
<td>Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>011-002-00-6</td>
<td>1310-73-2</td>
<td>215-185-5</td>
<td>1 - 10%</td>
<td>Skin Corr. 1A: H314;</td>
<td></td>
</tr>
<tr>
<td>Propylene glycol (Propane-1,2-diol total: (vapour &amp; particulates))</td>
<td>603-002-00-5</td>
<td>147-17-5</td>
<td>200-578-6</td>
<td>1 - 10%</td>
<td>Flam. Liq. 2: H225;</td>
<td></td>
</tr>
<tr>
<td>Ethanol (Ethyl alcohol)</td>
<td>68424-85-1</td>
<td>270-325-2</td>
<td>1 - 10%</td>
<td>Flam. Liq. 3: H226; Acute Tox. 4: H302; Skin Corr. 1B: H314; Eye Dam. 1: H318; Acute Tox. 2: H330; STOT SE 2: H371; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzyl C12-16 alkyldimethyl chlorides</td>
<td>139-89-9</td>
<td>205-381-9</td>
<td>1 - 10%</td>
<td>Met. Corr. 1: H290; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Carc. 2: H351;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trisodium N-(hydroxyethyl)-ethylenediaminetriacetate</td>
<td>5949-29-1</td>
<td>201-069-1</td>
<td>1 - 10%</td>
<td>Eye Irrit. 2: H319;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Citric acid</td>
<td>56-35-9</td>
<td>200-268-0</td>
<td>1 - 10%</td>
<td>Acute Tox. 3: H301; Acute Tox. 4: H312; Skin Irrit. 2: H319; STOT SE 3: H335; STOT SE 3: H336; STOT RE 1: H372; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Description

Included on the Candidate List of Substances of Very High Concern: [Nonylphenoxypolyethoxy ethanol, CAS No. 127087-87-0; Tributyltin oxide, CAS No. 56-35-9].

Concentrations listed are not product specifications.

Further information

Full text of Hazard Statements listed in this Section is provided in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move the exposed person to fresh air. Immediate medical attention is required. If unconscious, check for breathing and apply artificial respiration if necessary. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration.

Eye contact

Remove the affected person from the source of contamination immediately. Hold eye open and rinse slowly and gently with water for 15-20 minutes. Contact lenses should be removed. Immediate medical attention is required.

Skin contact

Remove the affected person from the source of contamination immediately. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and
BioSentry® 904 Disinfectant

4.1. Description of first aid measures

<table>
<thead>
<tr>
<th>Ingestion</th>
<th>water. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Immediate medical attention is required.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rinse mouth thoroughly. Do not induce vomiting unless told to do so by the poison control center or doctor. Probable mucosal damage may contraindicate the use of gastric lavage. Never give anything by mouth to an unconscious person. Immediate medical attention is required.</td>
</tr>
</tbody>
</table>

4.2. Most important symptoms and effects, both acute and delayed

<table>
<thead>
<tr>
<th>Inhalation</th>
<th>Toxic if inhaled. Corrosive to the respiratory tract. Causes burns. In severe cases, may cause loss of consciousness. May cause irritation to mucous membranes. May cause dizziness and headache.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact</td>
<td>Risk of serious damage to eyes. Causes severe inflammation and may damage the cornea. Danger of very serious irreversible effects.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Corrosive to living tissue. Causes skin burns. Danger of very serious irreversible effects.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Harmful if swallowed. Corrosive to living tissue. Causes severe burns. Danger of very serious irreversible effects. Ingestion may cause nausea and vomiting.</td>
</tr>
</tbody>
</table>

4.3. Indication of any immediate medical attention and special treatment needed

| Remove the affected person from the source of contamination immediately. Transfer to hospital if there are burns or symptoms of poisoning. Immediate medical attention is required. If medical advice is needed, have product container or label at hand. |

Further information

| Refer to product label and/or package insert for additional information. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| Use extinguishing media appropriate to the surrounding fire conditions. |

5.2. Special hazards arising from the substance or mixture

| Corrosive. Do not breathe vapour or spray mist. Contains substance(s) which are hazardous to the environment. Do not allow runoff water to enter sewers or drains. Contains: Flammable liquid. (<10%). |

5.3. Advice for firefighters

| In case of fire and/or explosion do not breathe fumes. Do not breathe vapour or spray mist. Wear: Self-contained breathing apparatus, Protective equipment. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| In the case of cleanup following a spill, wear protective clothing and appropriate equipment to prevent exposure of skin and eyes and to prevent ingestion or inhalation. Ensure adequate ventilation of the working area. Keep personnel away from spill. Avoid contact with eyes and skin. Avoid prolonged or repeated exposure. Keep away from incompatible materials. |

6.2. Environmental precautions

| Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. Do not let product contaminate subsoil. |

6.3. Methods and material for containment and cleaning up

| Absorb with inert, absorbent material. Collect spillage. Transfer to suitable, labelled containers for disposal. Dispose of this material and its container to hazardous or special waste collection point. Clean spillage area thoroughly with plenty of water. Do not contaminate water by cleaning of |
6.3. Methods and material for containment and cleaning up

| equipment or disposal of wastes. |

6.4. Reference to other sections

| See Section(s) 2, 8, and 13 for further information. |

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| Adopt best Manual Handling considerations when handling, carrying and dispensing. Handle and open container with care. Do not breathe vapour or spray mist. Ensure adequate ventilation of the working area. In case of insufficient ventilation, wear suitable respiratory equipment. Causes eye damage and skin damage. Wear chemical protective clothing. Wear goggles or face shield and rubber gloves when handling this product. Wash the outside of gloves before removing them. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Contaminated work clothing should not be allowed out of the workplace. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not eat, drink or smoke in areas where this product is used or stored. Read the entire label and follow all use directions, restrictions, and precautions. |

7.2. Conditions for safe storage, including any incompatibilities

| Store in original container in a cool, dry place inaccessible to children and pets. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal. Keep containers closed and away from other chemicals. Do not store with incompatible substances or mixtures. Follow label instructions. |

7.3. Specific end use(s)

| See Section(s) 1.2 for further information. |

Further information

| Refer to product label and/or package insert for additional information. |

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

<table>
<thead>
<tr>
<th>Ethanol (Ethyl alcohol)</th>
<th>TWA ppm: 1000</th>
<th>TWA mg/m³: 1880</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEL ppm: -</td>
<td>STEL mg/m³: -</td>
<td></td>
</tr>
<tr>
<td>Advisory Carc Cat: -</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Propylene glycol (Propane-1,2-diol total: (vapour &amp; particulates))</th>
<th>TWA ppm: 150</th>
<th>TWA mg/m³: 474</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEL ppm: -</td>
<td>STEL mg/m³: -</td>
<td></td>
</tr>
<tr>
<td>Advisory Carc Cat: -</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Propylene glycol (Propane-1,2-diol: particulates only)</th>
<th>TWA ppm: -</th>
<th>TWA mg/m³: 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEL ppm: -</td>
<td>STEL mg/m³: -</td>
<td></td>
</tr>
<tr>
<td>Advisory Carc Cat: -</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sodium hydroxide</th>
<th>TWA ppm: -</th>
<th>TWA mg/m³: 2 Peak limitation</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEL ppm: -</td>
<td>STEL mg/m³: -</td>
<td></td>
</tr>
<tr>
<td>Advisory Carc Cat: -</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
8.2. Exposure controls

8.2.1. Appropriate engineering controls
Ensure adequate ventilation of the working area. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects.

8.2.2. Individual protection measures

Eye / face protection
Wear: Approved safety goggles, Face shield.

Skin protection - Handprotection
Wear: Chemical resistant gloves. Wash the outside of gloves before removing them. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Skin protection - Other
After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection.

Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment.

Occupational exposure controls
Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Provide chemical shower. Provide eye wash station. Protect clothing from contact with the product. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Avoid contamination of food or feedstuffs.

Further information
Refer to product label for additional PPE requirements and recommendations. Follow label instructions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Clear</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless/Slight</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>9 - 10</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 62 °C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.007</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water</td>
</tr>
</tbody>
</table>
9.2. Other information

<table>
<thead>
<tr>
<th>Gas group</th>
<th>VOC (Volatile organic compounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable.</td>
<td>No data available.</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable under normal conditions.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4. Conditions to avoid
Keep away from extreme temperatures. Keep away from incompatible materials.

10.5. Incompatible materials
Keep away from strong oxidising agents, Combustible materials.

10.6. Hazardous decomposition products
Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Toxic by inhalation. Harmful if swallowed. May be harmful in contact with skin.</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Corrosive to living tissue. Causes burns. Possible risk of irreversible effects.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Causes severe burns. Causes severe inflammation and may damage the cornea. Possible risk of irreversible effects.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>May cause allergic reactions in susceptible people.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>No mutagenic effects reported.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Carcinogen category 2.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reproductive toxicity</td>
<td>Adverse reproductive effects have been found in laboratory animals.</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause oral mucosal irritation. May cause dizziness and headache.</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>Components(s) may cause damage to human organs based on animal data. (respiratory organs, immune system).</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>No Significant Hazard.</td>
</tr>
<tr>
<td>Repeated or prolonged exposure</td>
<td>Avoid prolonged or repeated exposure. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible.</td>
</tr>
</tbody>
</table>
11.1.2. Mixtures
See Section(s) 3 for further information.

11.1.3. Hazard Information
See Section(s) 2 and 3 for further information.

11.1.4. Toxicological Information
No data available

11.1.5. Hazard Class
See Section(s) 2 and 4 for further information.

11.1.6. Classification Criteria
Based on the Globally Harmonised System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations.

11.1.7. Information on likely routes of exposure
Eye contact. Skin contact. Ingestion. Inhalation.

11.1.8. Symptoms related to the physical, chemical and toxicological characteristics
See Section(s) 4.2 for further information.

11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure
See Section(s) 4.2 for further information.

11.1.10. Interactive effects
No data available.

11.1.11. Absence of specific data
<1% of this mixture consists of ingredients of unknown acute toxicity.

11.1.12. Mixture versus substance information
See Section(s) 3 for further information.

11.1.13. Other information
Caution - substance not yet fully tested.

SECTION 12: Ecological information

12.1. Toxicity
No data available

12.2. Persistence and degradability
No data is available on this product.

12.3. Bioaccumulative potential
No data is available on this product.

Partition coefficient

| BioSentry® 904 Disinfectant | No data available | Ethanol | -0.349 log P |

12.4. Mobility in soil
No data is available on this product.

12.5. Results of PBT and vPvB assessment
BioSentry® 904 Disinfectant

12.5. Results of PBT and vPvB assessment
No data is available on this product.

12.6. Other adverse effects
This product is extremely toxic to aquatic organisms, including fish and invertebrates.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations. Do not discharge effluent containing this product to sewer systems. Follow label instructions.

Disposal methods
Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not empty into drains; dispose of this material and its container in a safe way. Do not flush into surface water. Do not let product contaminate subsoil.

Disposal of packaging
Nonrefillable container. Do not reuse or refill this container. If empty: Do not reuse this container. Place in trash or offer for recycling, if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations. Can be recycled if in compliance with local and national regulations.

Further information
Refer to product label and/or package insert for additional information.

SECTION 14: Transport information

Hazard pictograms

14.1. UN number
UN1903

14.2. UN proper shipping name
DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (Quaternary ammonium compounds, Tributyltin oxide)

14.3. Transport hazard class(es)

<table>
<thead>
<tr>
<th>ADG</th>
<th>Subsidiary risk</th>
<th>IMDG / GGVSee</th>
<th>Subsidiary risk</th>
<th>IATA / ICAO / DGR</th>
<th>Subsidiary risk</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>-</td>
<td>8</td>
<td>-</td>
<td>8</td>
<td>-</td>
</tr>
</tbody>
</table>

14.4. Packing group
BioSentry® 904 Disinfectant

14.4. Packing group

Packing group

II

14.5. Environmental hazards

Environmental hazards

No

Marine pollutant

No

ADG

Hazard ID

80

Tunnel Category

(E)

IMDG / GGVSee

EmS Code

F-A S-B

IATA / ICAO / DGR

Packing Instruction (Cargo)

855

Maximum quantity

30 L

Packing Instruction

851

(Passenger)

Maximum quantity

1 L

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This document has been prepared in accordance with the requirements set out in the Work Health and Safety Regulation 2017 under the Work Health and Safety Act 2011.

--International--.


Chemical Weapons Convention (OPCW): This material contains no reportable components.

Kyoto Protocol Greenhouse Gases: This material contains no reportable components.

Mercosur Agreement: Not applicable.

Montreal Protocol: This material contains no reportable components.

The Rotterdam Convention: Annex III, (industrial chemical/pesticide), [Bis(tributyltin)oxide, CAS No. 56-35-9].

The Stockholm Convention: This material contains no reportable components.

--Asia and the ASEAN Nations--.

Catalog of Hazardous Chemicals (China): [#2568, Ethanol, CAS No. 64-17-5], [#1763, Bis(tributyltin) oxide, CAS No. 56-35-9]. Prohibited, [Nonylphenoxypolyethoxy ethanol, CAS No. 127087-87-0].

Regulation of Minister of Trade of the Republic of Indonesia, Number 75, Year 2014, regarding The Second Amendment of Minister of Trade, Number 44, Year 2009, Regarding Provision, Distribution, and Control of Hazardous Substances: This material contains no reportable components.

Chemical Substances Control Law (Japan): Priority Assessment, (ecosystem), [#167, Didecyl(dimethyl)ammonium chloride, CAS No. 7173-51-5], [#184, Salt of alkyl(C=12-16)(benzyl) (dimethyl)ammonium chloride, CAS No. 68424-85-1], [#86, Nonylphenoxypolyethoxy ethanol, CAS No. 127087-87-0]. Class I specified chemical substance. [Bis(tributyltin) oxide (organic tin compounds), CAS No. 56-35-9]. Type III monitoring, No. 43 [Nonylphenoxypolyethoxy ethanol, CAS No. 127087-87-0]. Class I environmental release. [Nonylphenoxypolyethoxy ethanol, CAS No. 127087-87-0], [Bis(tributyltin) oxide, CAS No. 56-35-9]. Air Pollution Control Law.: [Bis(tributyltin) oxide (organic tin compounds), CAS No. 56-35-9]. Water Pollution Control Law.: Designated substance, [Sodium hydroxide, CAS No. 1310-73-2].
BioSentry® 904 Disinfectant

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<table>
<thead>
<tr>
<th>Substance or Mixture</th>
<th>Relevant Legislation/Regulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>Industrial Safety and Health Act (Japan): Labeling/Notification required, Dangerous substance. [Ethanol, CAS No. 64-17-5], Bis(tributyltin) oxide (tin and its compounds), CAS No. 56-35-9]. Poisonous and Deleterious Substances Act (Japan): Deleterious substance, [Didecyl(dimethylammonium chloride, CAS No. 7173-51-5]. Chemical Substances Subject to Permission (Korea): Toxic substance, [Sodium hydroxide, CAS No. 1310-73-2]. Restricted or Prohibited Substances (Korea): Restricted, [Propylene glycol, Sodium hydroxide, Ethyl alcohol]. <strong>California residents please note</strong>.</td>
</tr>
</tbody>
</table>
BioSentry® 904 Disinfectant

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

WARNING: This product can expose you to chemicals, including nonylphenoxypolyethoxyethanol, CAS No. 127087-87-0, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

Other Information

Revision

This document differs from the previous version in the following areas:
1 - Description.
1 - Product Use.
1 - Manufactured By.
2 - Other hazards.
2 - 2.1.2. Classification - GHS.
2 - Hazard pictograms.
2 - Hazard Statement.
2 - Precautionary Statement: Prevention.
2 - Precautionary Statement: Response.
2 - Precautionary Statement: Storage.
3 - Description.
4 - Inhalation.
4 - Skin contact.
4 - Ingestion.
4 - Further information.
5 - 5.2. Special hazards arising from the substance or mixture.
7 - 7.2. Conditions for safe storage, including any incompatibilities.
7 - Further information.
8 - Further information.
9 - 9.1. Information on basic physical and chemical properties (Odour).
9 - 9.1. Information on basic physical and chemical properties (Flash point).
9 - 9.2. Other information (Gas group).
10 - 10.5. Incompatible materials.
11 - 11.1.4. Toxicological Information.
11 - Acute toxicity.
11 - Repeated or prolonged exposure.
11 - Carcinogenicity.
11 - Reproductive toxicity.
11 - STOT-single exposure.
11 - STOT-repeated exposure.
11 - 11.1.7. Information on likely routes of exposure.
12 - 12.1. Toxicity.
12 - 12.6. Other adverse effects.
13 - Further information.
14 - ADG.
15 - Chemical Inventories/Right-to-Know Lists.

Acronyms

ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR).
CAS No.: Chemical Abstracts Service.
GHS: Globally Harmonized System.
IATA: International Air Transport Association.
ICAO: International Civil Aviation Organisation.
IMDG: International Maritime Dangerous Goods.
LD: Lethal dose.
**BioSentry® 904 Disinfectant**

### Other Information

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>OEL</td>
<td>Occupational exposure limit.</td>
</tr>
<tr>
<td>OSHA</td>
<td>U.S. Occupational Safety and Health Administration.</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible Exposure Limit.</td>
</tr>
<tr>
<td>REACH</td>
<td>Registration, Evaluation, Authorisation, and Restriction of Chemicals.</td>
</tr>
<tr>
<td>SVHC</td>
<td>Substance of very high concern.</td>
</tr>
<tr>
<td>US DOT</td>
<td>United States Department of Transportation.</td>
</tr>
<tr>
<td>VOC</td>
<td>Volatile Organic Compound.</td>
</tr>
<tr>
<td>WEL</td>
<td>Workplace Exposure Limit.</td>
</tr>
</tbody>
</table>

### Text of Hazard Statements in Section 3

- **Acute Tox. 4**: H302+H332 - Harmful if swallowed or if inhaled
- **Skin Irrit. 2**: H315 - Causes skin irritation.
- **Eye Dam. 1**: H318 - Causes serious eye damage.
- **Aquatic Chronic 2**: H411 - Toxic to aquatic life with long lasting effects.
- **Flam. Liq. 3**: H226 - Flammable liquid and vapour.
- **Acute Tox. 3**: H301+H331 - Toxic if swallowed or if inhaled
- **Skin Corr. 1B**: H314 - Causes severe skin burns and eye damage.
- **Aquatic Acute 1**: H400 - Very toxic to aquatic life.
- **Aquatic Chronic 1**: H410 - Very toxic to aquatic life with long lasting effects.
- **Acute Tox. 4**: H302 - Harmful if swallowed.
- **Acute Tox. 4**: H312 - Harmful in contact with skin.
- **Skin Corr. 1A**: H314 - Causes severe skin burns and eye damage.
- **Eye Irrit. 2**: H319 - Causes serious eye irritation.
- **Flam. Liq. 2**: H225 - Highly flammable liquid and vapour.
- **Acute Tox. 2**: H330 - Fatal if inhaled.
- **STOT SE 2**: H371 - May cause damage to organs.
- **Met. Corr. 1**: H290 - May be corrosive to metals.
- **Carc. 2**: H351 - Suspected of causing cancer.
- **Acute Tox. 3**: H301 - Toxic if swallowed.
- **STOT SE 3**: H335 - May cause respiratory irritation.
- **STOT SE 3**: H336 - May cause drowsiness or dizziness.
- **STOT RE 1**: H372 - Causes damage to organs through prolonged or repeated exposure.

### Further information

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