Box 1002450 Component SDS

<table>
<thead>
<tr>
<th>Consumable ID Number</th>
<th>Consumable Ref Number and Relevant Well</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>1002128 Well 5</td>
</tr>
<tr>
<td>11</td>
<td>1002172 Well 1</td>
</tr>
</tbody>
</table>

*Note: Consumable wells are numbered such that Well 1 is the well closest to the Chamfer*
1002128 Well 5
Safety Data Sheet
Date of Issue: 11/03/2022
Version: 3.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
Product Form : Mixture
Product Name : 1002128 Well 5
SDS # : INSC-001-EU

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture : No use is specified.
1.2.2. Uses advised against
No additional information available

1.3. Details of the Supplier of the Safety Data Sheet
Supplier
Inscripta, Inc.
5764 Pacific Center Blvd
San Diego, CA 92121
www.inscripta.com
For further contact information, please contact:
Inscripta: 720-759-4088
info@inscripta.com

1.4. Emergency telephone number
Emergency number (24 hr) : INFOTRAC – 1-352-323-3500 (International); 1-800-535-5053 (North America)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture
Regulation (EC) No. 1272/2008
Reproductivity toxicity Category 1B – (H360)

2.2. Label elements
Product Identifier
Hazard pictograms :

Signal word : Danger
Hazard statements : H360 – May damage fertility or the unborn child
Precautionary statements :
P201 – Obtain special instructions before use.
P202 – Do not handle until all safety precautions have been read and understood
P281 – Use personal protective equipment as required
P308 + P313 – IF exposed or concerned: Get medical advice/attention
P405 – Store locked up
P501 – Dispose of contents/container to an approved waste disposal plant

2.3. Other hazards
No information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances
Not applicable

3.2. Mixtures
<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EC No</th>
<th>CAS No</th>
<th>Weight %</th>
<th>Classification According to Regulation (EC) No. 1272/2008 [CLP]</th>
<th>REACH Registration Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kanamycin</td>
<td>Present</td>
<td>25389-94-0</td>
<td>5-10</td>
<td>Reproductive Toxicity 1B (H360) (Self-classification)</td>
<td>Not Determined</td>
</tr>
</tbody>
</table>
SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

**Eye Contact**: 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.

**Skin Contact**: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops or persists.

**Inhalation**: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist of are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

**Ingestion**: Do NOT induce vomiting. Get medical attention if adverse health effects develop or persist.

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

**Symptoms/effects**: May damage fertility or the unborn child

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

**Notes to Physician**: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to possible overexposure to materials other than this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media

**Suitable Extinguishing Media**: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**: None known

5.2. Special hazards arising from the substance or mixture

**Fire hazard**: No specific fire or explosion hazard.

**Hazardous combustion products**: None known

5.3. Advice for firefighters

**Precautionary measures fire**: Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

**Personal Precautions**: Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk-through spilled material. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

6.1.1. For emergency responders

**Protective equipment**: Use personal protection recommended in Section 8.

6.2. Environmental precautions

**For containment**: Avoid run off to waterways and sewers. See Section 12 for additional Ecological information.

6.3. Methods and material for containment and cleaning up

**For containment**: Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**: Absorb with liquid-binding material.
6.4. Reference to other sections
See Section 13: for DISPOSAL CONSIDERATIONS.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Advice on Safe Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
General Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities
Storage Conditions: Keep labeled container tightly closed and upright. Keep frozen.

7.3. Specific End Use(s)
Risk Management Methods (RMM): The information required is contained in this Safety Data Sheet.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters
Exposure Limits: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

8.2. Exposure controls
Personal protective equipment: Gloves. Protective clothing. Eye protection.

Eye and Face Protection: Wear eye/face protection
Hand Protection: Wear protective gloves.
Skin and body Protection: Wear suitable protective clothing.
Respiratory protection: Not required under normal use conditions

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties
Physical state: Liquid
Appearance: Not determined
Colour: Not determined
Odour: Not determined
Odour Threshold: Not determined

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Liquid-Not applicable</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Upper flammability or explosive limits</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Lower flammability or explosive limits</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapour Density</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Relative Density</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not determined</td>
<td></td>
</tr>
</tbody>
</table>

10/03/2022
EN (English) 3/6
SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
Not reactive under normal conditions.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
None under normal processing.

10.4. Conditions to avoid
Keep out of reach of children.

10.5. Incompatible materials
Strong oxidising agents.

10.6. Hazardous decomposition products
None under normal use conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

Product Information

| Inhalation | Do not inhale. |
| Eye Contact | Avoid contact with eyes. |
| Skin Contact | Avoid contact with skin. |
| Ingestion | Do not ingest. |

The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral) 80,080.0000 mg/kg

Unknown Acute Toxicity
5 % of the mixture consists of ingredient(s) of unknown toxicity.
0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
5 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).
5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kanamycin</td>
<td>&gt; 4 g/kg (Rat)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Skin corrosion/irritation Not classified.

Serious eye damage/eye irritation Not classified.

Sensitisation Not classified.

Germ cell mutagenicity Not classified.

Carcinogenicity Not classified.

Reproductive toxicity May damage fertility or the unborn child.

STOT - single exposure Not classified.

STOT - repeated exposure Not classified.

Aspiration hazard Not classified.
SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2. Persistence and degradability
: Not determined

12.3. Bioaccumulative potential
: There is no data for this product.

12.4. Mobility
: Not determined

12.5. Results of PBT and vPvB assessment
: Not determined

12.6. Other adverse effects
: Not determined

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Waste from residues/unused products
: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging
: Improper disposal or reuse of this container may be dangerous and illegal.

SECTION 14: TRANSPORT INFORMATION

IMDG
14.2 Proper Shipping Name
: Not regulated

RID
14.2 Proper Shipping Name
: Not regulated

ADR
14.2 Proper Shipping Name
: Not regulated

IATA
14.2 Proper Shipping Name
: Not regulated

SECTION 15: REGULATORY INFORMATION

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

15.1.1. EU-Regulations
Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorisations and/or restrictions on use:
This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants
Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009
Not applicable

International Inventories

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>TSCA</th>
<th>DSL/NDSL</th>
<th>EINECS/ELINCS</th>
<th>PICCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>AICS</th>
<th>KECL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kanamycin</td>
<td>-</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>
1002128 Well 5
Safety Data Sheet

Legend
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment
No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under section 3
H360 - May damage fertility or the unborn child

Legend
SVHC: Substances of Very High Concern for Authorisation:

<table>
<thead>
<tr>
<th>Legend</th>
<th>Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWA</td>
<td>TWA (time-weighted average)</td>
</tr>
<tr>
<td>Ceiling</td>
<td>Maximum limit value</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
</tr>
<tr>
<td></td>
<td>STEL (Short Term Exposure Limit)</td>
</tr>
<tr>
<td></td>
<td>Skin designation</td>
</tr>
</tbody>
</table>

Classification Procedure
Calculation method

Issue Date: 30-Sep-2021
Revision Date: 30-Sep-2021
Revision Note: New format.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2015/830

Disclaimer
This information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet
1002172
Safety Data Sheet
Date of Issue: 11/03/2022
Version: 2.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking
1.1. Product identifier
   Product Form: Mixture
   Product Name: 1002172

1.2. Relevant identified uses of the substance or mixture and uses advised against
1.2.1. Relevant identified uses
   Use of the substance/mixture: No use is specified.
1.2.2. Uses advised against
   No additional information available

1.3. Details of the supplier of the safety data sheet
   Company: Inscripta, Inc.
   5764 Pacific Center Blvd
   San Diego, CA 92121
   619-708-8130
   www.inscripta.com
   info@inscripta.com

1.4. Emergency telephone number
   Emergency number: 1-352-323-3500

SECTION 2: Hazards identification
2.1. Classification of the substance or mixture
   Classification According to Regulation (EC) No. 1272/2008 [CLP]
   Not classified

2.2. Label elements
   Labelling According to Regulation (EC) No. 1272/2008 [CLP]
   No labelling applicable

2.3. Other hazards
   PBT: not relevant – no registration required
   vPvB: not relevant – no registration required
   Other hazards not contributing to the classification: Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

SECTION 3: Composition/information on ingredients
3.1. Substances
   Not applicable

3.2. Mixtures
   Name: 1,2,3-Propanetriol
   Product identifier: (CAS-No.) 56-81-5 (EC-No.) 200-289-5
   %: 7 – 13
   Classification According to Regulation (EC) No. 1272/2008 [CLP]: Not classified

SECTION 4: First aid measures
4.1. Description of first aid measures
   First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
   First-aid measures after inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
   First-aid measures after skin contact: Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.
   First-aid measures after eye contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
   First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most important symptoms and effects, both acute and delayed
   Symptoms/effects: Not expected to present a significant hazard under anticipated conditions of normal use.
   Symptoms/effects after inhalation: Prolonged exposure may cause irritation.
   Symptoms/effects after skin contact: Prolonged exposure may cause skin irritation.
   Symptoms/effects after eye contact: May cause slight irritation to eyes.
Symptoms/effects after ingestion: Ingestion may cause adverse effects.
Chronic symptoms: None known.

4.3. Indication of any immediate medical attention and special treatment needed
If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.
Unsuitable extinguishing media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture
Fire hazard: Not considered flammable but may burn at high temperatures.
Explosion hazard: Product is not explosive.
Reactivity: Hazardous reactions will not occur under normal conditions.
Hazardous decomposition products in case of fire: Carbon oxides (CO, CO₂). Irritating fumes.

5.3. Advice for firefighters
Precautionary measures fire: Exercise caution when fighting any chemical fire.
Firefighting instructions: Use water spray or fog for cooling exposed containers.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
General measures: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapor, mist, spray).

6.1.1. For non-emergency personnel
Protective equipment: Use appropriate personal protective equipment (PPE).
Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment: Equip cleanup crew with proper protection.
Emergency procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental precautions
Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up
For containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections
See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Hygiene measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures: Comply with applicable regulations.
Storage conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible materials: Strong oxidizers.

7.3. Specific end use(s)
No use is specified.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Country</th>
<th>Limit value [mg/m³]</th>
<th>GVI (granična vrijednost izloženosti) (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belgium</td>
<td>10 mg/m³ (mist)</td>
<td></td>
</tr>
<tr>
<td>Croatia</td>
<td>10 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>
### 1,2,3-Propanetriol (56-81-5)

<table>
<thead>
<tr>
<th>Country</th>
<th>Limit Value Description</th>
<th>Limit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>France</td>
<td>VME [mg/m³]</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Germany</td>
<td>Occupational exposure limit value (mg/m³)</td>
<td>200 mg/m³</td>
</tr>
<tr>
<td></td>
<td>(the risk of damage to the embryo or fetus can be excluded</td>
<td></td>
</tr>
<tr>
<td></td>
<td>when AGW and BGW values are observed-inhalable fraction)</td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>OEL TWA (mg/m³)</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Spain</td>
<td>VLA-ED (mg/m³)</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Switzerland</td>
<td>KZGW (mg/m³)</td>
<td>100 mg/m³</td>
</tr>
<tr>
<td></td>
<td>(inhalable dust)</td>
<td></td>
</tr>
<tr>
<td>Switzerland</td>
<td>MAK (mg/m³)</td>
<td>50 mg/m³</td>
</tr>
<tr>
<td></td>
<td>(inhalable dust)</td>
<td></td>
</tr>
<tr>
<td>United</td>
<td>WEL TWA (mg/m³)</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Kingdom</td>
<td>WEL STEL (mg/m³)</td>
<td>30 mg/m³</td>
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<tr>
<td></td>
<td>(calculated-mist)</td>
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</tr>
<tr>
<td>Czech</td>
<td>Expoziční limity (PEL) (mg/m³)</td>
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</tr>
<tr>
<td>Republic</td>
<td>OEL TWA (mg/m³)</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Estonia</td>
<td>HTP-arvo (8h) (mg/m³)</td>
<td>20 mg/m³</td>
</tr>
<tr>
<td>Finland</td>
<td>NDS (mg/m³)</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td></td>
<td>NPHV (priemerná) (mg/m³)</td>
<td>11 mg/m³</td>
</tr>
<tr>
<td>Poland</td>
<td>OEL TWA (mg/m³)</td>
<td>200 mg/m³</td>
</tr>
<tr>
<td></td>
<td>(inhalable fraction)</td>
<td></td>
</tr>
<tr>
<td>Slovenia</td>
<td>OEL STEL (mg/m³)</td>
<td>400 mg/m³</td>
</tr>
<tr>
<td></td>
<td>(inhalable fraction)</td>
<td></td>
</tr>
<tr>
<td>Portugal</td>
<td>OEL TWA (mg/m³)</td>
<td>10 mg/m³</td>
</tr>
</tbody>
</table>

### 8.2 Exposure controls

**Appropriate engineering controls**: Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal protective equipment**: Gloves, Protective clothing, Protective goggles.

**Materials for protective clothing**: Chemically resistant materials and fabrics.

**Hand protection**: Wear protective gloves.

**Eye and Face Protection**: Chemical safety goggles.

**Skin and body protection**: Wear suitable protective clothing.

**Respiratory protection**: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Other information**: When using, do not eat, drink or smoke.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

- **Physical state**: Liquid
- **Appearance**: No data available
- **Colour**: No data available
- **Odour**: No data available
- **Odour threshold**: No data available
- **pH**: No data available
- **Evaporation rate**: No data available
- **Melting point**: No data available
- **Freezing point**: No data available
- **Boiling point**: No data available
- **Flash point**: No data available
- **Auto-ignition temperature**: No data available
- **Decomposition temperature**: No data available
- **Flammability (solid, gas)**: Not applicable
- **Vapour pressure**: No data available
- **Relative vapour density at 20 °C**: No data available
- **Relative density**: No data available
- **Solubility**: No data available
- **Partition coefficient: n-octanol/water**: No data available
**Viscosity**: No data available
**Explosive properties**: No data available
**Oxidising properties**: No data available
**Explosive limits**: No data available

### 9.2. Other information
No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity
Hazardous reactions will not occur under normal conditions.

#### 10.2. Chemical stability
Stable under recommended handling and storage conditions (see section 7).

#### 10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid
Direct sunlight, extremely high or low temperatures, and incompatible materials.

#### 10.5. Incompatible materials
Strong oxidizers.

#### 10.6. Hazardous decomposition products
Not expected to decompose under ambient conditions. Thermal decomposition may release acrolein.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th><strong>Acute toxicity</strong></th>
<th>Not classified (Based on available data, the classification criteria are not met)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>12600 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt; 10 g/kg</td>
</tr>
<tr>
<td>LC50 Inhalation - Rat</td>
<td>&gt; 570 mg/m³ (Exposure time: 1 h)</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**: Not classified (Based on available data, the classification criteria are not met)
**Serious eye damage/irritation**: Not classified (Based on available data, the classification criteria are not met)
**Respiratory or skin sensitisation**: Not classified (Based on available data, the classification criteria are not met)
**Germ cell mutagenicity**: Not classified (Based on available data, the classification criteria are not met)
**Carcinogenicity**: Not classified (Based on available data, the classification criteria are not met)
**Reproductive toxicity**: Not classified (Based on available data, the classification criteria are not met)
**STOT - single exposure**: Not classified (Based on available data, the classification criteria are not met)
**STOT - repeated exposure**: Not classified (Based on available data, the classification criteria are not met)
**Aspiration hazard**: Prolonged exposure may cause irritation.
**Symptoms/Injuries After Inhalation**: Prolonged exposure may cause skin irritation.
**Symptoms/Injuries After Skin Contact**: May cause slight irritation to eyes.
**Symptoms/Injuries After Eye Contact**: Ingestion may cause adverse effects.
**Chronic Symptoms**: None known.

### SECTION 12: Ecological information

#### 12.1. Toxicity

<table>
<thead>
<tr>
<th><strong>Ecology - general</strong></th>
<th>Not classified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,3-Propanetriol (56-81-5)</td>
<td>LC50 fish 1: 54000 (51000 – 57000) mg/l (Exposure time: 96 h – Species: Oncorhynchus mykiss [static])</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

<table>
<thead>
<tr>
<th><strong>Persistence and degradability</strong></th>
<th>Not established.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1002172</td>
<td></td>
</tr>
</tbody>
</table>

#### 12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th><strong>Bioaccumulative potential</strong></th>
<th>Not established.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1002172</td>
<td></td>
</tr>
</tbody>
</table>

#### 12.4. Other information

<table>
<thead>
<tr>
<th><strong>1,2,3-Propanetriol (56-81-5)</strong></th>
<th><strong>BCF fish 1</strong></th>
<th>(no bioaccumulation)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Partition coefficient n-octanol/water (Log Pow)</strong></td>
<td>-1.76</td>
</tr>
</tbody>
</table>

11/03/2022 EN (English)
12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment

<table>
<thead>
<tr>
<th>1002172</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBT: not relevant – no registration required</td>
</tr>
<tr>
<td>vPvB: not relevant – no registration required</td>
</tr>
</tbody>
</table>

12.6. Other adverse effects

| Other information | Avoid release to the environment. |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| Product/Packaging disposal | Dispose of contents/container in accordance with local, regional, national, and international regulations. |
| Ecology - waste materials | Avoid release to the environment. |

SECTION 14: Transport information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued. In accordance with ADR / RID / IMDG / IATA / ADN

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1. UN number</td>
<td>Not regulated for transport</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.2. UN proper shipping name</td>
<td>Not applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.3. Transport hazard class(es)</td>
<td>Not applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.4. Packing group</td>
<td>Not applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.5. Environmental hazards</td>
<td>Dangerous for the environment : No</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

14.6. Special precautions for user

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

| Contains no REACH substances with Annex XVII restrictions |
| Contains no substance on the REACH candidate list |
| Contains no REACH Annex XIV substances |
| 1,2,3-Propanetriol (56-81-5) |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

| Date of Preparation or Latest Revision | 08/02/2021 |
| Data sources | Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS. |
| Other information | According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 |
This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.