

# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier:** BIOZYME L

**Date of Revision:** June 26, 2019

**Product Code:** J487

**Other Name(s):**

**Distributed By:**

**Recommended Use and Restrictions on Use:**

**Manufactured By:** Ostrem Chemical Co. Ltd.  
2310 - 80th Avenue NW  
Edmonton, Alberta, Canada T6P 1N2  
www.ostrem.com

Phone: 780-440-1911  
In Case of Emergency Only, Phone  
CANUTEC: 613-996-6666

## 2. HAZARDS IDENTIFICATION

**Classification of the Mixture:** Sensitization, Skin - Category 1

**Label Elements:**

**Hazard Pictogram(s):**



**Signal Word:** WARNING

**Hazard Statement(s):** May cause an allergic skin reaction.

**Precautionary Statement(s):**

**Prevention:** Avoid breathing dust, vapours or spray.

**Response:** IF ON SKIN: Wash with plenty of water.  
If skin irritation or rash occurs: Get medical advice.  
Take off contaminated clothing and wash it before reuse.

**Storage:** not applicable

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Physical/health hazards not otherwise classified:**

not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Conc.</u>	<u>CAS #</u>	<u>Common Names</u>
1,2-benzisothiazolin-3-one (0.15-0.35%)	7 - 13%	2634-33-5	

## 4. FIRST-AID MEASURES

**Necessary Measures:**

IF ON SKIN: Wash with plenty of water.  
If skin irritation or rash occurs: Get medical advice.  
Take off contaminated clothing and wash it before reuse.

**Most important symptoms, both acute and delayed:**

not applicable

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

not applicable

## 5. FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:**

Use extinguishing media appropriate for surrounding fire.

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## Specific hazards arising from the chemical (e.g.: hazardous combustion products):

May liberate carbon monoxide, carbon dioxide and oxides of sodium.

## Special protective equipment and precautions for firefighters:

As for surrounding fire. Firefighters should wear full protective clothing and self contained breathing equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures:

Wear appropriate protective equipment. See section 8.

### Environmental precautions:

Prevent from entering sewers, waterways or low areas.

### Methods and materials for containment and cleaning up:

Isolate hazard area and restrict access. Small spills: soak up with inert absorbent material and scoop into containers. Large spills: prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container and flush with water.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

Avoid breathing dust, vapours or spray.  
Do not ingest. Avoid contact with eyes, skin and clothing.

### Conditions for safe storage, including any incompatibilities:

Keep out of reach of children. Store in a cool, dry area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters - Exposure limits:

<u>Ingredient:</u>	<u>Limit:</u>
1,2-benzisothiazolin-3-one (0.15-0.35%)	not available

### Appropriate engineering controls:

Provide exhaust ventilation to keep airborne levels below recommended exposure limits.

### Respiratory protection:

If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator.

### Other protection:

not applicable

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance (physical state, colour etc.):</b>	light green, opaque liquid
<b>Odour:</b>	pleasant
<b>Odour threshold:</b>	not available
<b>pH:</b>	6.1; 1% solution: 7.7
<b>Melting/Freezing point:</b>	not available
<b>Initial boiling point and range:</b>	not available
<b>Flash point:</b>	not applicable
<b>Evaporation rate:</b>	not available
<b>Flammability (solid, gas):</b>	not available
<b>Upper/lower flammability or explosive limits:</b>	not available
<b>Vapour pressure:</b>	not available
<b>Vapour density:</b>	not available
<b>Relative density (specific gravity):</b>	1.002
<b>Solubility(ies):</b>	100%
<b>Partition co-efficient: n-octanol/water:</b>	not available
<b>Auto-ignition temperature:</b>	not available
<b>Decomposition temperature:</b>	not available
<b>Viscosity:</b>	not available

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## 10. STABILITY AND REACTIVITY

**Reactivity:**

This material is considered to be non-reactive under normal use conditions.

**Chemical stability:**

Stable.

**Possibility of hazardous reactions:**

not available

**Conditions to avoid (e.g.: static discharge, shock or vibration):**

not applicable

**Incompatible materials:**

Oxidizers / Acid

**Hazardous decomposition products:**

not available

## 11. TOXICOLOGICAL INFORMATION

**POTENTIAL ACUTE HEALTH EFFECTS**

**Inhalation:** May cause respiratory tract irritation.

**Ingestion:** May be harmful if swallowed.

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause mild skin irritation.

**Skin absorption:** not available

**POTENTIAL CHRONIC HEALTH EFFECTS**

**Inhalation:** not available

**Ingestion:** not available

**Eye contact:** not available

**Skin contact:** not available

**Skin absorption:** not available

**Mutagenicity:** not available

**Carcinogenicity:** This information, if applicable, can be found in Section 2.

**Reproductive toxicity:** This information, if applicable, can be found in Section 2.

**Sensitization of product:** This information, if applicable, can be found in Section 2.

**Specific Target Organ Toxicity - single exposure:** This information, if applicable, can be found in Section 2.

**Specific Target Organ Toxicity - repeated exposure:** This information, if applicable, can be found in Section 2.

**Toxicological Data:**Ingredient:

1,2-benzisothiazolin-3-one (0.15-0.35%)

Data:

not available

**Other Toxicological Information on Ingredients:**

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity (aquatic and terrestrial, where available):** not available

**Persistence and degradability:** not available

**Bioaccumulative potential:** not available

**Mobility in soil:** not available

**Other adverse effects:** not available

**Ecological Information on Ingredients:** not available

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Disposal of all waste must be done according to local, provincial and federal regulations.

## 14. TRANSPORT INFORMATION

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**TDG classification:** NON-REGULATED

## 15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

## 16. PREPARATION INFORMATION

**Prepared by:** Technical Services Department, Ostrem Chemical Co. Ltd., Ph.: 780-440-1911

**Date of Preparation:** June 26, 2019

**Date of Revision:** June 26, 2019

This Safety Data Sheet may not be changed or altered in any way without the express knowledge and permission of Ostrem Chemical Co. Ltd.

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