



LiquiZyme

Safety Data Sheet

Date of Issue: 27/11/2017

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

1.1 Product Identifier

Product Form: Liquid Mixture

Product Name: LiquiZyme

Product Code: STC0621

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

Use of the mixture: Organic waste degrader

1.3 Details of the supplier of the safety data sheet

Sci-Tech Engineered Chemicals Inc.

9902 90th Avenue

Morinville AB, T8R 1K7

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www.scitechinc.ca

1.4 Emergency telephone number

CANUTEC (613) 996-6666

SECTION 2: Hazards identification

2.1 Classification of the substance of mixture

WHMIS 2015 - GHS Classification

Not classified as hazardous in accordance with WHMIS 2015/GHS regulations

2.2 Label elements

2.3 Other Hazards

SECTION 3: Composition/Information on ingredients

Component	CAS#	Concentration	LD50 (rat, oral)
Contains no hazardous ingredients			

SECTION 4: First-aid measures

Eye Contact: In case of EYE CONTACT, remove contact lenses and flush with water or saline solution for at least 15 minutes. Not expected to cause irritation but if symptoms appear and persist, seek medical attention.

Skin Contact: In case of SKIN CONTACT, remove contaminated clothing and thoroughly rinse skin with water. Not

expected to cause skin irritation, however, if symptoms appear and persist, seek medical attention.

Inhalation: In case of INHALATION, remove victim to fresh air. If irritation persists seek medical attention.

Ingestion: In case of INGESTION, give victim a glass of water to dilute the chemical in the stomach. Not expected to cause harm but if symptoms appear and persist, seek medical attention.

SECTION 5: Fire fighting measures

Extinguishing media: Non- flammable. Use media appropriate for surrounding fire.

Chemical hazards: Spilled chemical can be extremely slippery.

Protective equipment for fire fighters: Standard firefighter bunker gear.

SECTION 6: Accidental release measures

In case of release wear proper protective equipment. Take caution, spill areas may be extremely slippery. For large spills, try to contain the leak or spill and prevent entry into sewers, waterways or the environment. Collect spilled material and place in a container suitable for disposal. Small spills can be diluted with water and washed down the drain.

SECTION 7: Handling and storage

Precautions for handling: Wear proper protective equipment when handling product.

Condition for safe storage: Store in a cool, dry area away from incompatibles. Keep container closed and out of reach of children when not in use. Do not freeze. Freezing will severely reduce the activity of this product.

SECTION 8: Exposure controls/personal protection

Control parameters: Use in an area with good general ventilation

Appropriate engineering controls: None required.

Personal protective equipment: None required.

SECTION 9: Physical and chemical properties

Appearance: Hazy green liquid

Odour: Cherry

Odour threshold: n.av.

pH: 4.5

Melting point: 0 °C

Initial boiling point and boiling range: n.av.

Flash point Non-flammable

Evapouration rate: n.av.

Flammability:	Non-flammable
Upper/lower flammability limits:	n.av.
Vapour pressure:	n.av.
Vapour density:	n.av.
Relative density:	1.00 g/mL
Solubility:	n.av.
Partition coefficient: n-octanol/water:	n.av.
Auto-ignition temperature:	n.ap.
Decomposition temperature:	n.av.
Viscosity:	n.av.

SECTION 10: Stability and reactivity

Reactivity:	Non-reactive.
Chemical stability:	Stable under normal conditions.
Hazardous reactions:	Non-reactive.
Conditions to avoid:	Do not freeze. Do not expose to pH above 8 or below 4.
Incompatible materials:	Avoid contact with acids, strong reducers and strong oxidizers.
Hazarous decomposition products:	Can thermally decompose to product carbon dioxide and carbon monoxide.

SECTION 11: Toxicological information

Routes of exposure:	Ingestion, skin and eye contact.
Symptoms of exposure:	Contact with eyes can cause pain, swelling, redness, and tearing. Excessive skin contact may result in dry skin.
Acute toxicity estimate:	>5000 mg/kg rat (oral)

SECTION 12: Ecological information

Ecotoxicity:	Data not available
Persistence and degradability:	Data not available
Bioaccumulative potential:	Low potential for bioaccumulation
Mobility in soil:	Data not available
Other adverse effects:	Data not available

SECTION 13: Disposal considerations

Product should be disposed of in accordance to provincial or state and local government requirements prior to disposal. If the product was supplied in a single use container, care should be taken to dispose of the container in a responsible manner in accordance to local regulations.

SECTION 14: Transport information

Canadian TDG:	Not regulated for transport
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SECTION 15: Regulatory information

DSL: All components are listed on the Canadian DSL

SECTION 16: Other information

Prepared by: Sci-Tech Engineered Chemicals Research and Development Department

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