



### MATERIAL SAFETY DATA SHEET

**HMIS:**

 Health- 1 Flammability- 0 Reactivity- 0 Pers.  
 Protection- N

**NFPA:**

 Health- 1 Flammability- 0 Reactivity- 0 Special Hazard-  
 N

WHMIS: Not regulated

#### Section 1: Product and Company Identification

Product: ENZYME Liquid Certi-Zyme      Synonyms:

NILODOR, INC.

 10966 INDUSTRIAL PARKWAY NW  
 BOLIVAR, OHIO 44612, USA

Non-Emergency:

US 800-443-4321

International 010-330-874-1017

24 hr Emergency Spill Information:

Chem-Tel, Inc.

 US, Canada: 800-255-3924. International:  
 1-813-248-0584

#### Section 2. Hazards Identification

**EMERGENCY OVERVIEW**

Appearance/Odor:    Hazy white to colorless liquid

NOT Classified as hazardous by the criteria of NOHSC.

**WARNING**

Flammability :        Not classified as flammable

Health Hazards Listed : Not applicable

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

Likely Routes of Exposure: Not applicable

Eye:                    Direct exposure can irritate

Skin:                   Prolonged exposure can irritate

Ingestion:            Not expected to be a problem

Inhalation:           Not applicable

Medical Conditions Aggravated By Exposure:

Allergies to fragrances

Target Organs:        None known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Environmental Effects: (See section 12 for more information.)

None known

#### Section 3. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Bacteria Culture	none	0.1 - 1.0	N
Water	7732-18-5	80 - 100	N

Only known ingredients

#### Section 4. First Aid Measures

Eye Contact: Flush eyes with copious amounts of clean water. Hold lids apart. If irritation persists, consult a physician.

Skin Contact: Wash with soap and water.

Inhalation: Remove to fresh air.

Ingestion: Give water or milk to drink if conscious.

Note to Physicians:

#### Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Water

Unsuitable Extinguishing Media: None known

Products of Combustion: Oxides of carbon and nitrogen

Protection of Firefighters: As for surrounding fire

#### Section 6. Accidental Release Measures

Personal Precautions: Keep out of eyes. Avoid skin contact

Environmental Precautions: Keep out of surface waters.

Methods for Containment: Dike with sand, clay or other suitable material.

Methods for Clean-Up: Absorb on sand, clay or other suitable material or mop up with water.

Other Information:

#### Section 7. Handling and Storage

##### HANDLING

Normal care.

##### STORAGE

Keep out of the reach of children. Keep in original container at ambient temperature (5 - 50°C, 40 - 122°F)

#### Section 8. Exposure Controls/Personal Protection

##### EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Bacteria Culture	None established	Not applicable
Water	Not applicable	Not applicable

Only known ingredients

Engineering Controls: Not normally necessary

Eye/Face Protection: Protective goggles if handling large quantities

Skin Protection: Rubber or other protective gloves if handling large quantities

Respiratory Protection: Not normally necessary.

General Hygiene Considerations: Reasonable care. Keep out of food and beverages.

#### Section 9. Physical and Chemical Properties

Color: Hazy, colorless to light brown	Odor: Mild earthy
Physical State: Liquid	Odor Treshhold:
pH: 6.0-7.0	Freezing Point: Not determined
Evaporation Rate: As water	Boiling Point: 100°C/212°F
Flash Point: >96°C/>205°F PMCC	Flammability(solid,gas): Not applicable
Upper Flammability Limit: Not determined	Lower Flammabilty Limit: Not determined
Vapor Pressure: As water	Specific Gravity: 1
Vapor Density: Not determined	Auto-ignition Temperature: Not determined

Volatile Organic Compound (VOC),%weight:

Solubility (water): Soluble

None

Percent Volatile: More than 95% including water

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Not applicable

Incompatible Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Extremely unlikely

Section 11. Toxicology Information

ACUTE EFFECTS

Oral LD50: Not evaluated as a mixture. Weighted average more than 10 grams per kilogram.

Dermal LD50: Weighted average more than 20 grams per kilogram.

Inhalation: Not determined. No toxic components.

Eye Irritation: Direct contact can irritate eyes.

Skin Irritation: Prolonged or repeated contact can irritate skin.

Sensitization: None known.

CHRONIC EFFECTS

Carcinogenicity: None known.

Mutagenicity: None known.

Reproductive Effects: None known

Developmental Effects: None known

Section 12. Ecological Information

Ecotoxicity: Not applicable

Persistence/Degradability: Biodegradable

Bioaccumulation/Accumulation: Not applicable

Mobility in Environment: Not applicable

Section 13. Disposal Considerations

Disposal: Dispose in accordance with Federal, State or Provincial, & Local regulations

Section 14. Transportation Information

US DOT (ground)

Proper Shipping Description: Not a Hazardous Material

CANADA TDG (ground)

Proper Shipping Description: Not a Dangerous Good

ICAO (air)

Proper Shipping Description: Not a Dangerous Good

IMDG (water)

Proper Shipping Description: Not a Dangerous Good

Section 15. Regulatory Information

Global Inventories

TSCA: United States Included

DSL: Canada Included

ECL: Korea Not-Known

PICCS: Philippines Not-Known

ENCS: Japan	Not-Known
AICS: Australia	Included
IECS: China	Not-Known
EINECS: European Union	Included

SARA 313 Information : No Sara 313 chemicals present at reportable levels

California Safe Drinking Water and Toxic Enforcement Act pf 1986 :(Proposition 65)

No Proposition 65 Substances present

WHMIS: Canadian Workplace Hazardous Material Information System

Not regulated

Section 16. Other Information
-------------------------------

Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

While we believe that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of tests conducted, the data are not to be taken as warranty or representation for which we assume legal responsibility. The information is offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with federal, state and local laws.