



## MATERIAL SAFETY DATA SHEET

## HMIS:

Health– 1 Flammability– 2 Reactivity– 0 Pers.  
Protection– N

## NFPA:

Health– 1 Flammability– 2 Reactivity– 0 Special  
Hazard– N

WHMIS: B 3, D 2 B

## Section 1: Product and Company Identification

Product: Nilozyme

Synonyms:

NILODOR, INC.

10966 INDUSTRIAL PARKWAY NW

BOLIVAR, OHIO 44612, USA

Non-Emergency:

US 800–443–4321

24 hr Emergency Spill Information:

Chem–Tel, Inc.

International 010–330–874–1017

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

## Section 2. Hazards Identification

## EMERGENCY OVERVIEW

Appearance/Odor: Opaque white liquid, spicy aroma

NOT Classified as hazardous by the criteria of NOHSC.

## WARNING

Flammability : Not classified as flammable

Health Hazards Listed : May be a mild irritant

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

Likely Routes of Exposure: Ingestion, Inhalation

Eye: Direct exposure can irritate

Skin: Prolonged or repeated exposure can irritate

Ingestion: Not expected to be a problem

Inhalation: Not likely to be a problem

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
Water	7732–18–5	60 – 100	N

Octoxynol-10	9036-19-5	1 – 5	Y
Bacteria Culture	none	0.1 – 1.0	N
Polystyrene	none	0.1 – 1.0	N
Polyethylene Glycol	25322-68-3	0.1 – 1.0	N

#### Section 4. First Aid Measures

Eye Contact:	Flush eyes with copious amounts of clean water, holding lids open. 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, foam, carbon dioxide, dry chemical
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 away from skin and eyes
Environmental Precautions:	Keep out of surface waters
Methods for Containment:	Dike area 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

Keep away from skin and eyes

##### STORAGE

Keep out of the reach of children. Store in original container at ambient temperatures (below 55°C/130°F)

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

##### EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Water	None established	Not applicable
Octoxynol-10	Mists TLV 10 mg/cu m	707
Bacteria Culture	None established	Not determined
Polystyrene	None established	Not determined
Polyethylene Glycol	None established	Not determined

Engineering Controls: Not normally necessary

Eye/Face Protection: Protective goggles recommended if handling large quantities

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

Respiratory Protection: Not normally necessary

General Hygiene Considerations: Keep out of food and beverages

#### Section 9. Physical and Chemical Properties

Color: White, opaque	Odor: Spicy
Physical State: Liquid	Odor Treshhold:

pH: 6.5–8.0	Freezing Point: Not determined. Estimate 0°C
Evaporation Rate: As water	Boiling Point: 100°C/212°F
Flash Point: 73°C/164°F	Flammability(solid,gas): Not applicable
Upper Flammability Limit: Not determined	Lower Flammability 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
Less than 1%, all fragrance	Percent Volatile: More than 95% including water

#### Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatible Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Will not occur

#### Section 11. Toxicology Information

##### ACCUTE EFFECTS

Oral LD50:	Not determined for mixture. Weighted average more than 15 grams per kilogram.
Dermal LD50:	Not determined. Not considered toxic by skin contact. Weighted average more than 100 grams per kilogram.
Inhalation:	Not determined. Not considered toxic by inhalation. Weighted average more than 13 milligrams per Liter.
Eye Irritation:	Direct contact can irritate eyes
Skin Irritation:	Prolonged or repeated exposure can irritate or dry 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:	None known
Persistence/Degradability:	Biodegradable
Bioaccumulation/Accumulation:	None known
Mobility in Environment:	Not determined

#### Section 13. Disposal Considerations

Disposal: Dispose according to Federal, Provincial, and 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
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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 : Does not contain any SARA 313 substances

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

Does not contain any Proposition 65 substances

WHMIS: Canadian Workplace Hazardous Material Information System

B 3, D 2 B

Section 16. Other Information
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Legends:

NFPA, HMIS:

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

Prepared By: Technical Dept.

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