

Sheet No. 107

Revision Date: 20 June 2011


NILOdor[®]
Inc.


MATERIAL SAFETY DATA SHEET

HMIS:

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

NFPA:

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

WHMIS: B 3, D 2 B

Section 1: Product and Company Identification

Product: Certified Bacteria/Enzyme
Digester

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 : 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
-----------	------	-------------	---------------------

MSD Sheet for Product: Certified Bacteria/Enzyme Digester, Rev. Date: 20 June 2011

Water	7732-18-5	80 - 100	N
Bacteria Culture	none	0.1 - 1.0	N
Polystyrene	none	0.1 - 1.0	N
Non-ionic Surfactant	NA	1 - 5	Y
Odor Counteractant	NA	0.1-1.0	N

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, foam, dry chemical, carbon dioxide
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 in original container at ambient temperature (5 - 50°C, 40 - 122°F)

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Water	Not applicable	Not applicable
Bacteria Culture	None established	Not applicable
Polystyrene	None established	Not applicable
Non-ionic Surfactant	NA	NA
Odor Counteractant	None established	NA

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: White, Opaque	Odor: Spicy
Physical State: Liquid	Odor Treshhold:
pH: 6.5 - 8.0	Freezing Point: Not determined
Evaporation Rate: As water	Boiling Point:
Flash Point: >94C / >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
Less than 1%, all fragrance	Percent Volatile: More than 95% including water

Section 10. Stability and Reactivity

Stability: Stable
 Conditions to Avoid: Not applicable
 Incompatable Materials: None known
 Hazardous Decomposition Products: None known
 Possibility of Hazardous Reactions: Extremely unlikely

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50:	Not evaluated as a mixture. Weighted average more than 15 grams per kilogram.
Dermal LD50:	Not evaluated as a mixture. Weighted average more than 100 grams per kilogram.
Inhalation:	No components classified as toxic by inhalation.
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 Enviroment:	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 of 1986 :(Proposition 65)

No Proposition 65 Substances present

WHMIS: Canadian Workplace Hazardous Material Information System

B 3, D 2 B

Section 16. Other Information

Legends:

NFPA, HMIS:

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

Risk Phrases:

Safety Phrases:

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.