

Sheet No. 1548

Revision Date: 21 August 2012



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: BioBreak Multi-Purpose Digester Synonyms: Bacteria/Enzyme, Fresh Scent

NILODOR, INC.

10966 INDUSTRIAL PARKWAY NW
BOLIVAR, OHIO 44612, USANon-Emergency:
US 800-443-432124 hr Emergency Spill Information:
Chem-Tel, Inc.

International 010-330-874-1017

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

EMERGENCY OVERVIEW

Appearance/Odor: Opaque white liquid, characteristic 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 may irritate

Skin: Prolonged exposure may irritate

Ingestion: Not expected to be a problem, may cause digestive distress

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 2. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Water	7732-18-5	60 - 100	N
*Fragrance Added	none IFRA compliant	0.1 - 0.6	N

	mixture		
Viable Bacteria Culture Blend	NA mixture	3-5	N
Sodium Xylene Sulfonate	1300-72-7	1-5	Y
Ethoxylated Alcohol Blend	NA	1 - 5	Y
Dodecylbenzene Sulfonic Acid	27176-87-0	Unknown	Y

Section 3. 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 4. 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 5. 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 6. Handling and Storage

HANDLING

Normal care.

STORAGE

Keep in original container at ambient temperatures (5-50 C / 40-122 F)

Section 7. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Water	Not applicable	Not applicable
*Fragrance Added	None established	Not determined
Viable Bacteria Culture Blend	None established	Not applicable
Sodium Xylene Sulfonate	NA	NA
Ethoxylated Alcohol Blend	NA	NA
Dodecylbenzene Sulfonic Acid	NA	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 away from food and beverages.

MSD Sheet for Product: BioBreak Multi-Purpose Digester, Revision Date: 21 August 2012

Color: White, opaque	Odor: Characteristic fresh scent * Fragrance Added
Physical State: Liquid	Odor Treshhold:
pH: 6.5 - 8.5 (pH 1:16 Dilution=7.1)	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 Flammability Limit: Not determined
Vapor Pressure: As water	Specific Gravity: 0.99-1.02
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 8. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Not applicable

Incompatable Materials: None known

Hazardous Decomposition Products: Not applicable

Possibility of Hazardous Reactions: Extremely unlikely

ACCUTE EFFECTS

Oral LD50: Not evaluated as a mixture.

Dermal LD50: Not determined.

Inhalation: Not determined. No components classified as toxic by inhalation at concentrations present.

Eye Irritation: Direct contact may irritate eyes

Skin Irritation: Prolonged or repeated contact may irritate skin

Sensitization: None known

CHRONIC EFFECTS

Carcinogenicity: None known

Mutagenicity: None known

Reproductive Effects: None known

Developmental Effects: None known

Section 9. Ecological Information

Ecotoxicity: Not applicable

Persistence/Degradability: Biodegradable

Bioaccumulation/Accumulation: Not applicable

Mobility in Enviroment: Not applicable

Section 10. Disposal Considerations

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

Section 11. 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 12. 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 13. 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.

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