



MATERIAL SAFETY DATA SHEET

HMIS: Health- 1 Flammability- 2 Reactivity- 0 Pers. Protection- N  
 WHMIS: B 3, D 2 B

NFPA: Health- 1 Flammability- 2 Reactivity- 0 Special Hazard- N

Section 1: Product and Company Identification

Product: Bio-Enzymatic Urine Digester, Fresh Apple  
 Synonyms: Bacteria/Enzyme, Fresh Apple  
 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: Opaque white liquid, apple 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
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Water	7732-18-5	80 – 100	N
Octoxynol-10	9036-19-5	1 – 5	Y
Trade Secret Fragrance Mixture	none	0.1 – 1.0	N
Bacteria Culture	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 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: Avoid contact with eyes and skin

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 temperatures (5 – 50°C; 40 – 122°F)

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

##### EXPOSURE GUIDELINES

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

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: Apple

Physical State: Liquid	Odor Treshhold:
pH: 6.5 – 8.0	Freezing Point: Not determined
Evaporation Rate: As water	Boiling Point: 100°C/212°F
Flash Point: 68°C TCC/156°F	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 fragrances	Percent Volatile: More than 95% including water

Section 10. Stability and Reactivity
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Stability: Stable  
 Conditions to Avoid: None known  
 Incompatable Materials: None known  
 Hazardous Decomposition Products: None known  
 Possibility of Hazardous Reactions: Extremely unlikely

Section 11. Toxicology Information
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**ACCUTE EFFECTS**

Oral LD50:	Not evaluated as a mixture. Weighted average more than 13 grams per kilogram.
Dermal LD50:	Not determined for mixture. Weighted average more than 10 grams per kilogram.
Inhalation:	Not determined. No significant concentration of any toxic volatile substances.
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
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Ecotoxicity:	Not applicable
Persistence/Degradability:	Biodegradable
Bioaccumulation/Accumulation:	Not applicable
Mobility in Enviroment:	Not applicable

Section 13. Disposal Considerations
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Disposal: Dispose in accordance with Federal, State or Provincial, and Local regulations

Section 14. Transportation Information
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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

Prepared By: Technical Dept.

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