

# Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements

# U.S. Department of Labor

Occupation Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

## IDENTITY

**ENZY BOL (130055)**

*Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

## Section I

Manufacturer's Name <b>Beaver Research Company</b>	Emergency Telephone Number <b>1-800-255-3924 (Chem-Tel)</b>
Address (Number, Street, City, State, and ZIP Code) <b>3700 E. Kilgore Road, Portage, MI 49002</b>	Telephone Number For Information <b>269-382-0133</b>
HMIS Hazard Ratings: Health -1 Flammability -0 Reactivity -0 Personal Protection: B	Date Prepared <b>06/11/02</b> Signature of Preparer (optional)

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Nonoxynol This product is inoculated with a culture of live non-pathogenic organisms in nutrient broth.	9016-45-9	N/E	N/E		<8.0

This product is not a carcinogen or potential carcinogen as defined by OSHA, the NTP, or the IARC Monographs.

## Section III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H <sub>2</sub> O = 1)	1.01
Vapor Pressure (mm Hg)	Unknown	% Volatile by Volume	90
Vapor Density (AIR = 1)	Unknown	Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water Emulsion	pH 7.0	Total VOC: 1%	
Appearance and Odor	Thin, white liquid with a citrus odor		

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) No Flash @ Boil, (C.C.)	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Not Applicable			
Special Fire Fighting Procedures Avoid contact with this material. Avoid walking in spilled material. Wear protective clothing for skin and eyes			
Unusual Fire and Explosion Hazards None			

## Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	N/A
	Stable	X		
Incompatibility (Materials to Avoid) None				
Hazardous Decomposition or Byproducts None				
Hazardous Polymerization	May Occur		Conditions to Avoid	N/A
	Will Not Occur	X		

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

N/A

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
This product is not a carcinogen or potential carcinogen as defined by the OSHA, the NTP, or the IARC Monographs.			

Signs and Symptoms of Exposure

Eye irritant; possible skin irritant with prolonged use.

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedure

**Ingestion:** Drink milk or other liquid to dilute substance. Call a physician immediately.**Eyes:** Flush with water. If irritation persists, call a physician.**Skin:** Flush with water.**Inhalation:** For excessive inhalation, remove individual to fresh air. Call physician if any problem persists.**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

Small spills: wipe up product, rinse soiled area with water down the drain. Large spills: Stop leak at the source and collect into a suitable container, then treat as a small spill.

Waste Disposal Method

Follow state and local regulations for disposal of large non-reclaimable spills.

Precautions to be Taken in Handling and Storage

Always store unused portion in original container with cap secure. Avoid temperature extremes.

Other Precautions

As with all chemicals, use with due care according to label instructions and precautions.

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

None required.

Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical(General)	Yes	Other	N/A

Protective Gloves

Nonporous rubber gloves for prolonged use.

Eye Protection

Safety glasses.

Other Protective Clothing or Equipment

None required.

Work/Hygienic Practices

N/A