



# Liquid Enzyme Drain Opener

Item Series #0403-0309

U.S. Department Of Labor  
Occupational Safety And Health Administration

## MATERIAL SAFETY DATA SHEET

Required Under USDL Safety And Health Regulations  
(29 CFP 1910.1200 "Hazards Communication Standard")

### Section I – Product Identification

**Manufactured For:** Gabriel First Corp.  
**Emergency Phone:** 1-800-424-9300  
**Address:** 233 W. Commercial Street, East Rochester, NY 14445  
**Product Name:** Liquid Enzyme Drain Opener  
**Product Type:** Cleaner  
**Chemical Family:** Enzyme Blend  
**Prepared On:** 05/20/10

**DOT Classification:** None  
**DOT Shipping Name:** None

<b>HMIS RATING</b>			
<b>HEALTH</b>	<b>FLAMMABILITY</b>	<b>REACTIVITY</b>	<b>PROTECTION</b>
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### Section II – Product & Component Data

CHEMICAL NAMES	CAS NO.	% / Wt.	TLV
Bacterial/Enzyme Culture	MIXTURE	To 5	N/E
Nonionic Surfactant	MIXTURE	To 5	N/E
Water	7732-18-5	To 90	NONE

\*An asterisk indicates the toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372

### Section III – Physical Data

**Boiling Range (F):** 212-220° F  
**Specific Gravity:** 1.02  
**Vapor Pressure:** N/D  
**% Volatile:** 92-94%  
**Physical Description:** White Liquid, Pleasant Odor

**Vapor Density:** Same as Water  
**Evaporation Rate:** N/A  
**Solubility In Water:** Complete  
**pH:** 6-7

### Section IV – Fire and Explosion Hazard Data

**Flash Point:** Exceeds 200°F  
**Flammability:** Non-Flammable  
**Extinguishing Media:** Water, CO2

**Special Fire Fighting Procedures:** Floor may be slippery.  
**Unusual Fire And Explosion Hazards:** None

### Section V – Health Hazard Data

**EFFECTS OF OVEREXPOSURE:**  
**Exposure Limits:** N/E  
**Eyes:** May cause irritation.  
**Skin:** May cause irritation.  
**Inhalation:** May cause irritation to upper tract.  
**Ingestion:** May cause irritation of mucous membranes.  
**Carcinogenicity:**  
**NTP:** Not listed. **IARC:** Not listed. **OSHA:** Not regulated.  
**Medical Conditions Aggravated By Exposure:** Person with present skin disorder may be more susceptible to irritation.

**EMERGENCY FIRST AID PROCEDURES:**  
**Eyes:** Flush with running water for 15 minutes.  
**Skin:** Wash off with soap and water.  
**Inhalation:** Remove to fresh air.  
**Ingestion:** Do NOT induce vomiting.  
 Drink plenty of water.  
 If unconscious or in convulsion, take to hospital or physician.



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## Section VI – Reactivity Data

**Stability:** Stable

**Hazardous Decomposition Products:**  
Normal products of combustion.

**Hazardous Polymerization:** Will not occur.

**Incompatibility (Materials To Avoid):** None

## Section VII – Spill or Leak Procedures

**Steps To Be Taken In Case Material Is Released Or Spilled:**  
Dike and contain spill, absorb the liquid.

**Waste Disposal Method:**  
Scoop or shovel solid material into a suitable container for recovery or disposal. Area may become slippery. Flush cleaned area with water. Dispose of according to local, state and federal requirements.

## Section VIII – Special Protection Information

**Respiratory Protection (Type):** No special requirements.

**Ventilation:** Good ventilation required.

**Protective Gloves:** Chemical resistant.

**Eye Protection:** Goggles or face shield.

## Section IX – Special Precautions

**Precautions To Be Taken In Handling And Storing:**

Keep out of reach of children.

Use only in well ventilated area.

For institutional and industrial use only.

For use by trained personnel only.

Store and keep in closed container, in a cool place.

Avoid freezing.