



# Enzyme Soil Releaser

Item No. 8577-2003

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:** Enzyme Soil Releaser  
**Product Type:** Enzyme Pre-spray  
**Prepared On:** 07-15-2008

**DOT Classification:** Not Regulated  
**DOT Shipping Name:** None

### HMIS RATING

**TOXICITY:** 1      **FIRE:** 0      **REACTIVITY:** 0      **PROTECTION:** A

## SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Name	CAS Number	PEL	TLV	%
Sodium Metasilicate	6834-92-0	NE	NE	
Sodium Tripolyphosphate	7758-29-4	NE	NE	

## SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> 212° F	<b>Specific Gravity:</b> NA	<b>Vapor Pressure (mm Hg.):</b> ND	<b>Melting Point:</b> ND
<b>Vapor Density (Air = 1):</b> ND	<b>Evaporation (H2O = 1):</b> 0	<b>Water Solubility:</b> Complete 1%pH=10.2	<b>pH @ 77F:</b> VOCgm/L: 0
<b>Appearance and Odor:</b> Brownish white granular powder			

## SECTION IV. FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (TCC):</b> None	<b>%</b> ND	<b>%</b> ND	<b>Flammable Limits:</b> ND
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**Extinguishing Media:** Water fog, foam, carbon dioxide or dry chemical  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion:** None

## SECTION V. HEALTH HAZARD DATA

**Route(s) of Entry:** INHALATION? Yes      EYES? Yes      SKIN? Yes      INGESTION? Yes

### (Acute) Health Hazards:

**Eyes:** If dust is formed, may cause irritation  
**Skin:** May cause irritation but unlikely  
**Ingestion:** Moderately toxic. Abdominal discomfort, nausea, vomiting, diarrhea  
**Inhalation:** Breathing dust may irritate respiratory passages.

**(Chronic) Health Hazards:** None Known

### Signs and Symptoms of Exposure:

**Eyes:** Burning, irritation  
**Skin:** May cause irritant reaction  
**Ingestion:** Nausea  
**Inhalation:** Occasional mild irritation effects to nose and throat may occur.

**Medical Conditions Generally Aggravated by Exposure:** Pre-existing contact site disorders.

### Emergency First Aid Procedures:

**Eyes:** Flush eyes with large amounts of water, lifting upper and lower eyelids. If irritation persists, obtain medical attention.  
**Skin:** Wash off with soap and water. If irritation persists, get medical attention.  
**Ingestion:** Obtain immediate medical attention.  
**Inhalation:** Remove to fresh air. If irritation persists, obtain medical attention



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## SECTION VI. TOXICITY DATA

Carcinogenicity: NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

## SECTION VII. REACTIVITY DATA

**Stability:** Stable Hazardous Polymerization Will Not Occur

**Incompatibility (Materials to Avoid):** Acidic materials

**Hazardous Decomposition Byproducts:** Presence in flame may generate airborne product dust

## SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps to be Taken in Case Material is Released or Spilled:**

**Small Spills:** Sweep up

**Large Spills:** Shovel then sweep up

**Disposal:** Meet Federal, State & Local Requirements

**Handling and Storage:** Store in cool, dry well ventilated area. Keep container tightly closed when not in used.

**Other Precautions:** Keep out of reach of children. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

## SECTION IX. CONTROL MEASURES LEL: UEL:

**Respiratory Protection:** Not normally indicated

**Ventilation:** Normal indoor

**Local Exhaust:** Not normally indicated

**Mechanical (General):** Not normally indicated

**Protective Gloves:** Rubber, vinyl

**Eye Protection:** If splashing is likely

**Other Protective Clothing or Equipment:** Long pants, sleeves, apron

**Work/Hygienic Practices:** The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

## SECTION X. DOT INFORMATION

NOT REGULATED

## SECTION XI. MISCELLANEOUS INFORMATION

**SARA 313:** No

**Notice:** All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product.

NA - Not

S - May Be Absorbed Through Intact Skin

ND - No Data Available

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*This information is given in good faith, but no warranty expressed or implied is made. Our company believes that it is accurate to the best of its knowledge and relates only to the specific material designated herein.*