

# SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION

**Product Name:** GROUT SCRUB  
**Recommended Use:** Lime & Scale removal  
**Manufacturer:** Midland Products, LLC  
18600 Graphics Ct.  
Tinley Park, IL 60477  
**Phone:** 708-444-8200  
**Emergency Phone:** 800-535-5053

## SECTION 2. HAZARDS IDENTIFICATION

### Classification

Eye Damage/Irritation Category 1

### GHS Label Elements

**Signal word:** Danger

**Pictogram:**



**Hazard statements:**  
Causes serious eye damage

**Precautionary statements:**

**Prevention:**

Wear eye/face protection.

**Response:**

If in eyes: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do.  
Continue rinsing.  
Immediately call a poison control center or doctor.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Organic salt	506-89-8	16.8

## SECTION 4. FIRST AID MEASURES

### First aid measures for different exposure routes

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

**Skin contact:** Rinse the contaminated area thoroughly with water. Remove contaminated clothing and launder before reuse.

**Ingestion:** Immediately call a poison control center or doctor. **Do not** induce vomiting.

**Inhalation:** Remove person to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, give artificial respiration.

**Most important symptoms/effects, acute or delayed**

Eyes: Causes serious eye damage.

Skin: Prolonged or repeated contact can cause drying, defatting, and dermatitis.

Ingestion: This product may be harmful if ingested.

Inhalation: Not a likely route of exposure due to physical properties. Product has low vapor pressure at room temperature and is not expected to present a significant inhalation hazard under ambient conditions. Product can be irritating to the respiratory tract if inhaled as a mist or if the material is vaporized.

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**SECTION 5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media:** Water, water fog, carbon dioxide, and dry chemical.

**Unsuitable Extinguishing Media:** No data available.

**Specific hazards arising from the chemical:** At temperatures above 60° C/140° F acid action on most metals may release hydrogen, a highly flammable and explosive gas.

**Special fire-fighting procedures:** Evacuate personnel to a safe area. Keep containers cool with water spray. Avoid breathing decomposition products. Wear self-contained breathing apparatus and full body protection.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

Avoid contact with eyes and prolonged or repeated contact with skin.

**Environmental precautions**

Prevent spills from entering storm sewers and drains or contact with soil.

**Methods for cleaning up**

Evacuate area. Ventilate area. Collect for disposal. Clean up remaining materials from spill with suitable absorbent. Small spills may be absorbed with non-reactive absorbent (sand) and placed in suitable, covered, labeled containers. For large spills provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in compatible drums for recovery or disposal. Observe all personal protection equipment recommendations.

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**SECTION 7. HANDLING AND STORAGE**

**Keep Out Of Reach Of Children.** Keep container tightly closed. Store in fiberglass, polyethylene or polypropylene containers. Do not store in metal containers, especially aluminum. Storage in certain metal containers at temperatures above 140° F may result in hydrogen gas evolution. Do not store at temperatures above 48° C / 120° F.

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## **SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Ventilation type:** If current ventilation practices are not adequate for minimizing exposures, additional ventilation or exhaust systems may be required.

**Respiratory protection:** Not normally required if good ventilation is maintained. Avoid breathing vapor and/or mist.

**Protective equipment:** Eye protection (chemical goggles) and impervious gloves should be worn.

Eyewash stations and safety showers should be readily accessible.

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## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance (physical state, color, etc.)	Clear colorless liquid
Odor.	None
Odor threshold.	No data available
pH.	< 1
Melting point/freezing point.	Freeze point ~32° F
Initial boiling point and boiling range.	No data available
Flash point.	None
Evaporation rate.	No data available
Flammability (solid, gas).	No data available
Upper/lower flammability or explosive limits.	No data available
Vapor pressure.	No data available
Vapor density.	No data available
Relative density.	1.04
Solubility(ies).	Complete
Partition coefficient: n-octanol/water.	No data available
Auto-ignition temperature.	Not applicable
Decomposition temperature.	No data available
Viscosity	No data available

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## **SECTION 10. STABILITY AND REACTIVITY**

### **Chemical stability**

Product is stable up to 110° C / 230° F.

### **Conditions to avoid**

Heating to above 230° F results in an exothermic decomposition with rapid release of CO<sub>2</sub> gas.

### **Hazardous decomposition products**

Thermal decomposition may yield oxides of carbon, nitrogen, and chlorine. Hydrogen gas may be released upon contact with certain metals.

### **Incompatible materials**

Avoid contact with alkalis.

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## **SECTION 11. TOXICOLOGICAL INFORMATION**

Likely routes of exposure are eyes & skin.

**Eye contact** Causes serious eye damage.

### **Delayed and chronic effects from short and long term exposure**

Skin: Prolonged or repeated exposure can cause drying, defatting, and dermatitis.

### **Carcinogens or suspected carcinogenic ingredients**

None

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## **SECTION 12. ECOLOGICAL INFORMATION**

No data available.

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## **SECTION 13. DISPOSAL CONSIDERATIONS**

Review federal, state and local requirements prior to disposal.

Diluted and used product may be put into sanitary sewer

Product should be prevented from entering storm sewers and drains or contact with soil.

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## **SECTION 14. TRANSPORT INFORMATION**

DOT Classification: Compounds, Cleaning Liquid, NOI

Not dangerous goods for DOT.

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## **SECTION 15. REGULATORY INFORMATION**

### **TSCA**

All components are listed.

### **EPA SARA Title III Section 313**

This product contains no listed ingredients.

### **California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)**

This product does not contain any chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

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## **SECTION 16. OTHER INFORMATION**

Prepared by Tom Jones,  
Conforms to GHS standard  
Oct. 23, 2014

### **Disclaimer:**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.