

MSDSMaterial Safety Data Sheet **1609***Conforms to ANSI Z-400, 1-1993*

Chemtel 24 Hour Emergency Response (800) 255-3924

MAINTEX

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1. Chemical Product and Company Identification**Product:** Grout Cleaner**Classification:** Heavy Duty Cleaner/Degreaser

F43

2. Composition/Information on Hazardous Ingredients

Material	CAS#	%	OSHA (PEL)	TVL (ppm)	Other
2- Butoxyethanol*	111-76-2	<10	25 ppm	25 ppm	N/A
Sodium Metasilicate	1344-09-8	<5	N/E	N/E	N/E
Sodium Hydroxide	1310-73-2	<2	2 mg/m ³	2 mg/m ³	N/A

3. Hazards Identification**Emergency Overview:** Irritant. Causes skin and eye irritation. Avoid contact with skin and eyes.**WARNING**

Contact With Eyes: This product is destructive to eye tissues. Will cause burns that result in damage to the eyes and blindness if the solution remains in contact with the eye.

Contact With Skin: Contact with concentrate or solution will result in dry skin. Prolonged or repeated exposure may cause irritation or possible tissue damage.

Skin Absorption: A single prolonged exposure may result in absorption of toxic amounts of product.

Ingestion Symptoms: Swallowing will irritate throat, esophagus and digestive tract. Product may cause burns to mucous membranes of the mouth, throat, esophagus and stomach.

Inhalation Symptoms: Airborne concentrations of mists/vapors may cause damage to the upper respiratory tract and even to lung tissue. If the product is heated, vapors are acutely toxic if inhaled.

Chronic Effects: Respiratory tract tissue damage may result in increased susceptibility to respiratory illness. Excessive inhalation exposure may result in liver and kidney injury.

It is important to determine whether exposure is to concentrated or dilute product. The information in this document is intended to deal with exposure to concentrated product. Generally, exposure to

diluted product will result in substantially less risk of injury than described herein.

4. First Aid Measures

- Eyes:** If eyes are contacted, flush with water for 15 minutes. If irritation persists seek medical attention.
- Skin:** If skin is contacted, wash affected area with soap and water. If irritation persists, seek medical attention.
- Inhalation:** If discomfort is experienced after prolonged exposure to mists/vapors, remove to fresh air. If breathing is difficult, give oxygen and seek medical attention.
- Ingestion:** If ingested, do NOT induce vomiting. Give moderate amounts of water to wash out mouth area and dilute remaining residue. Seek medical attention.

5. Fire Fighting Measures

- Flash Point (F° TCC):** >200°F **Flammable Limits:** LEL No Data UEL No Data
- Auto-Ignition Temperature:** No Data
- Extinguishing Media:** Water Spray, Foam, Carbon Dioxide, Dry Chemical
- Special Fire Fighting Procedures:**
Firefighters should wear a positive pressure NIOSH approved self-contained breathing apparatus.
- Unusual Fire and Explosion Hazards:**
Containers exposed to heat from fires should be cooled with water fog to prevent container rupture.

6. Accidental Release Measures

- Large Spills (55 gallons or more):** Wear rubber boots, gloves and appropriate protective clothing. Shut off source of leak if safe to do so. Dike and contain spill.
- Small Spills:** Mop up spill and rinse area.

7. Handling and Storage

- Handling:** Keep out of reach of children. Follow appropriate hygiene practices.
- Storage:** Store in a cool, dry place.

8. Exposure Controls/Personal Protection

- Ventilation and Engineering Controls:** Local exhaust
- Respiratory Protection:** None
- Protective Gloves:** Rubber Gloves
- Eye Protection:** Chemical Splash Goggles

9. Physical and Chemical Properties

Boiling Point (F°): >212°F	Solubility In Water: Soluble	Odor: Butyl Solvent
Specific Gravity: 1.05	Volatiles (% by Wt.): 82	pH: 13 - 14
Appearance: Green	Vapor Density: >1	VOC: <110 g/L
Evaporation Rate: <1	Vapor Pressure: <17 mm Hg	Freezing Point (F°): <32°F

Key: < means less than; > means greater than

These physical data are typical values based on material testing but may vary from sample to sample.

Typical values should not be constructed as a guaranteed analysis of any specific lot or specific item.

10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Heat

Materials to Avoid: Strong Oxidizers

Hazardous Decomposition Products: Oxides of carbon and nitrogen

Hazardous Polymerization: Will Not Occur

11. Toxicological Information

No Toxicology Information is available.

12. Ecological Information

No Ecological Information is available.

13. Disposal Considerations

Waste Disposal Method: Dispose of waste in accordance with federal, state and local regulations.

14. Transport Information

HAZMAT: Si **Hazard Code:** 1127 **ID Number:** UN1760 **Hazard Class:** 8

Hazardous Division: Corrosive Liquid n.o.s.

Packaging Group: III

Hazardous Contents: Sodium hydroxide, Sodium silicate

15. Regulatory Information

Proposition 65: Not Listed.

* This product is subject to the reporting requirements of SARA Title III.

EPA: No

16. Other Information

HMIS/NFPA Hazard Rating:

Health 2

Flammability 1

Reactivity 0

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