



Material Safety Data Sheet

MSDS Date: 01/08/03
Product Name: SSS Force4 Assault, Tile & Grout Cleaner & Pretreatment, Step 1 of 4
Product Number: 24001

1. Products and Company Description

Distribution Company Name: Triple S, 2 Executive Park Drive, Billerica, MA, Phone: 800-323-2251
Product Class: Tile & Grout Cleaner & Pretreatment, Step 1 of 4
Emergency Phone Number: 888-779-1339
Hazard Rating: Health: 2 Fire: 1 Reactivity: 0 Personal Protection: B

2. Material Identification and Information

<u>Chemical Name</u>	<u>CAS #</u>	<u>Percent By Volume</u>
Butoxyethanol Ethylene Glycol Monobutyl Ether	111-76-2	11 %
Potassium Hydroxide Solution	001-310-583	<5 %
Sodium Metasilicate	6834-92-0	<0.5%
Dodecylbenzene Sulfuric Acid LP	68584-22-5	<0.5%

3. Physical Data

Boiling Point/Range: 215 °F
Vapor Pressure Range (mmHg): 20mm Hg @ 68° F
Solubility In Water Soluble
pH 12.5 13.5
Vapor Density (air =1): >1
Evaporation Rate: <1
Appearance and Color: Clear / purple liquid with characteristic odor

4. Fires and Explosion Hazard Information

OSHA Flammability Class: N/A
Flash Point: None to boiling
Explosive Range: N/A
Fire Extinguishing Media: Appropriate to cause of fire.
Unusual Fire and Explosion Hazards: N/A
Special Fire Fighting Procedures: N/A
Hazardous Decomposition or Combustion Products: N/A

5. Health Hazard Information



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Routes of entry	Eye, inhalation, and ingestion
Eye Contact:	Severe eye irritant. Liquid and mist may damage eyes causing corneal injury. Flush eyes with large quantities of water, remove contact lenses, and seek medical attention if irritation persists.
Skin Contact:	Severe skin irritant. May cause moderate reddening, swelling and possible skin damage. Flush eyes with large quantities of water, and seek medical attention if irritation persists.
Inhalation:	Vapors may be irritating to mucous membranes in nose, throat, and lungs. Get to fresh air. Seek medical attention if irritation persists.
Ingestion:	Irritating or possibly corrosive to the mouth, throat and gastrointestinal system. May cause headache, dizziness, nausea, or vomiting and diarrhea. Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

6. Stability & Reactivity Information

Stability:	This product is stable.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Materials to Avoid:	Strong acids
Conditions to Avoid	None
Hazardous Decomposition Products:	Alkaline vapors in a fire
Other Reactivity Data	None

7. Accidental Release Measures

Steps to be taken in Case Material is Release or Spilled:	Mop up or otherwise absorb spill and hold for disposal
Waste Disposal Methods:	Dispose in accordance to federal, state and local regulations
Precautions in Handling & Storage	Keep out of reach of children. Keep container closed during storage. For institutional and commercial use.

8. Control and Protective Measures

Respiratory Protection:	Use in well ventilated area
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Personal Protective Equipment:	
Protective Gloves:	Neoprene
Eye Protection:	Chemical splash resistance.
Other:	Full length rubber apron and boots.
Hygienic Practices:	Wash clothing before reuse. Wash your hands before eating, smoking, or using washroom.