



Material Safety Data Sheet

MSDS Date: 10/08/06
Product Name: SSS Force4 Advance, Grout Restorer & Cleaner, Step 2 of 4
Product Number: 24002

1. Products and Company Description

Distribution Company Name: Triple S, 2 Executive Park Drive, Billerica, MA, Phone: 800-323-2251
Product Class: Grout Restorer & Cleaner, Step 2 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>
Proprietary Formula	N/A	

3. Physical Data

Appearance: Clear
Physical State: Liquid
Solubility In Water: Soluble
pH of Concentrate: 0.7 Typical
Odor: Mild
Specific Gravity: 1.21
Boiling Point: 100°C/212°F

4. Fires and Explosion Hazard Information

OSHA Flammability Class: N/A
Flash Point: None to boiling
Explosive Range: N/A
Fire Extinguishing Media: Water spray, carbon dioxide, dry chemical
Unusual Fire and Explosion Hazards: 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 a water spray. Avoid breathing decomposition products. Wear self-contained breathing apparatus and full body protection.

5. Toxicological Properties

Routes of entry: Eye, inhalation, and ingestion



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Eye Contact:	Causes burns to eyes. Flush eyes with large quantities of water, remove contact lenses, and seek medical attention if irritation persists.
Skin Contact:	An acute skin irritant, however non-corrosive to skin as defined and tested in accordance with the US/OSHA Hazard Communication Standard, DOT Hazard Materials Regulations, Canada's HHMIS regulations and TDG Regulations. Classified as mild per the OECD Guidelines for testing chemicals, number 404, "Acute Dermal Irritation and Corrosion."
Inhalation:	Vapors may be irritating to mucous membranes in nose, throat, and lungs. Get to fresh air. Seek medical attention if irritation persists.
Ingestion:	This product may be harmful or fatal if ingested
Carcinogenicity	Not listed on NTP, IARC, or ACGIH

6. Stability & Reactivity Information

Stability:	Stable up to 110°C/230°F
Hazardous Polymerization:	Hazardous polymerization will not occur.
Conditions to Avoid	Heating above 110°C results in an exothermic decomposition with rapid release of CO ₂ gas.
Incompatible Materials	Avoid contact with oxidizers. This material may be extremely hazardous in contact with chlorates or nitrates. This material is acidic. Contact with hypochlorites, such as chlorine, bleach, sulfides, or cyanides will release toxic gas. Contact with alkaline materials will generate heat.
Hazardous Decomposition Products:	Thermal decomposition may yield oxides of carbon, nitrogen, and chlorine. Hydrogen gas may be released upon contact with certain metals.
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. Small spills may be absorbed with non-reactive absorbent (sand) and placed in a suitable, covered, labeled container. Prevent large spills from entering sewers and waterways. Contact emergency services and supplier for advice.
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.



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9. First Aid

Inhalation

Move to fresh air. If not breathing, give artificial respiration. If breathing difficult give oxygen and seek medical help.

Skin:

Immediately flush with soap and water for 15 minutes. Seek medical attention if irritation develops. Remove contaminated clothing and launder before reuse.

Eye:

Immediately flush with water for 15 minutes. Seek medical attention.

Ingestion:

Do NOT induce vomiting. If conscious, give 3-4 glasses of water and seek medical care.