

MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT

Name: ULTIMATE SHOWER, TUB & TILE CLEANER
Identity: Shower & Tile Cleaner **MSDS Number:** 11348 **Date:** 11/28/2007 **Supersedes:** 11/2/2007
HEALTH: 1 **FIRE:** 0 **REACTIVITY:** 0 **PROTECTION:** B

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Name	CAS Number	PEL	TLV	%
Sulfamic Acid	5329-14-6	15 mg/ 3	15 mg/ 3	<5.0
Citric Acid	5949-29-1	NE	NE	<5.0
Glycolic Acid 70%	79-14-1	NE	NE	<5.0
Tripropylene glycol methyl ether (VOC)	25498-49-1	NE	NE	2.0

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212° F **Specific Gravity:** 1.033 ± 0.005 **Vapor Pressure (mm Hg.):** ND **Melting Point:** ND
Vapor Density (Air = 1): nd **Evaporation (H2O = 1):** ND **Water Solubility:** Complete **pH:** 1.8 ± 0.3
VOCgm/L: 20.6

Appearance and Odor: Clear colorless liquid, Spring green odor

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (TCC): None **% LEL:** ND **% UEL:** ND **Flammable Limits:** ND

Extinguishing Media: Dry chemical, carbon dioxide, water spray. Do not use direct water stream.

Special Fire Fighting Procedures: Prevent breathing vapors. Wear SCBA and protective clothing.

Unusual Fire and Explosion: None identified

SECTION V. HEALTH HAZARD DATA

Route(s) of Entry: INHALATION? Yes EYES? Yes SKIN? Yes INGESTION? No

(Acute) Health Hazards:

Eyes: Moderately irritating to the eyes.

Skin: Prolonged or repeated contact may cause irritation

Ingestion: May cause gastric distress, colic, diarrhea

Inhalation: Not normal route of entry. If product is aerosolized, mist may irritate respiratory passages.

(Chronic) Health Hazards: None Known

Signs and Symptoms of Exposure:

Eyes: Mild irritation and redness.

Skin: May cause irritant reaction on prolonged contact

Ingestion: Nausea & vomiting, diarrhea

Inhalation: 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. Remove contaminated clothing and wash before reuse. If irritation persists, obtain medical attention.

Ingestion: Give 1-2 glass of water to drink to dilute, if victim is conscious. Get medical attention.

Inhalation: Remove to fresh air. If irritation persists, obtain medical attention.

SECTION VI. TOXICITY DATA

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

SECTION VII. REACTIVITY DATA

Stability: Stable **Hazardous Polymerization Will Not Occur**
Incompatibility (Materials to Avoid): Strong oxidizers
Hazardous Decomposition Byproducts: None known.

SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

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

Small Spills: Absorb into neutral medium with sand or Fuller's earth. Sweep up & place in appropriate container.

Large Spills: Dike area and absorb into neutral material or pump up Do not wash into storm or sanitary sewer

Disposal: Dispose of in accordance with Federal, State & Local regulations

Handling and Storage: Store in cool, dry area. Keep container tightly closed and properly labeled.

Other Precautions: Keep out of reach of children. FOR CONSUMER USE ONLY.

SECTION IX. CONTROL MEASURES

Respiratory Protection: Not normally indicated. Use NIOSH approved air purifying respirator if significant vapors, mist, or aerosol is generated.

Ventilation: Normal indoor

Local Exhaust: Not normally indicated when used as directed.

Mechanical (General): Not normally indicated unless mist is generated

Protective Gloves: Rubber, vinyl

Eye Protection: Chemical safety goggles

Other Protective Clothing or Equipment: Chemical resistant clothing - Long pants, sleeves, apron, boots

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

Compounds, Cleaning Liquid, (Sulfamic Acid), 8,NA1760,PGIII

Note: Regulated in packages over 1.3 gallons

SECTION XI. MISCELLANEOUS INFORMATION

SARA 313: None

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 Available

NE - Not Established

ND - Not Determined