

**MATERIAL SAFETY DATA SHEET**

**SECTION 1. IDENTIFICATION OF PRODUCT**

**Name:** ULTIMATE GROUT HAZE REMOVER  
**Identity:** Grout Cleaner      **MSDS Number:** 1161      **Date:** 11/28/2007      **Supersedes:** 10/14/2005  
**HEALTH:** 2      **FIRE:** 0      **REACTIVITY:** 0      **PROTECTION:** C

**SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Name	CAS Number	PEL	TLV	%
2-Butoxyethanol	111-73-2	25ppm skin	25ppm skin	5
Phosphoric Acid	7664-38-2	3 STEL	1mg/m3	<10

**SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> 212° F	<b>Specific Gravity:</b> 1.038 ± 0.005	<b>Vapor Pressure (mm Hg.):</b> ND	<b>Melting Point:</b> ND
<b>Vapor Density (Air = 1):</b> ND	<b>Evaporation (H2O = 1):</b> ND	<b>Water Solubility:</b> Complete	<b>pH:</b> Acid
			<b>VOCgm/L:</b> 50

**Appearance and Odor:** Clear colorless liquid, Cucumber odor

**SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

<b>Flash Point (TCC):</b> None	<b>% LEL:</b> ND	<b>% UEL:</b> ND	<b>Flammable Limits:</b> ND
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**Extinguishing Media:** Water fog, foam, carbon dioxide or dry chemical

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

**Unusual Fire and Explosion:** None known.

**SECTION V. HEALTH HAZARD DATA**

**Route(s) of Entry:** INHALATION? Yes    EYES? Yes    SKIN? Yes    INGESTION? Yes

**(Acute) Health Hazards:**

**Eyes:** Corrosive. Causes eye burns. May cause permanent damage

**Skin:** Causes skin irritation. Prolonged/repeated contact may cause itching and local redness.

**Ingestion:** May cause burning in mouth but swallowing is unlikely

**Inhalation:** Mist may irritate nasal passages

**(Chronic) Health Hazards:** Prolonged or repeated skin contact may cause skin irritation. This product is not listed as or anticipated to be a potential carcinogen by NTP or OSHA.

**Signs and Symptoms of Exposure:**

**Eyes:** Burning, irritation, permanent damage if not treated promptly

**Skin:** Burns or ulceration on prolonged contact

**Ingestion:** Chemical burn to esophagus and stomach lining.

**Inhalation:** Occasional mild irritation effects to nose and throat may occur.

**Medical Conditions Generally Aggravated by Exposure:** Pre-existing contact site disorders of the liver, kidneys, & hematopoietic system

**Emergency First Aid Procedures:**

**Eyes:** Immediately flush eyes with large amounts of water for about 15 minutes. Hold eyelids apart during the flushing to ensure thorough rinsing.

**Skin:** Immediately flush all affected areas with large amount of running water for at least 15 minutes. Remove and discard contaminated clothing and shoes. Get medical attention.

**Ingestion:** Drink 1-2 glasses of water immediately to dilute. Do not induce vomiting or give anything to unconscious person. Obtain immediate 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

## SECTION VII. REACTIVITY DATA

**Stability:** Stable **Hazardous Polymerization Will Not Occur**

**Incompatibility (Materials to Avoid):** Reactive metals & alkaline materials

**Hazardous Decomposition Byproducts:** Oxides of carbon and sulfur

## SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

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

**Small Spills:** Neutralize with soda ash and mop up.

**Large Spills:** Dilute with water spray & vacuum up

**Disposal:** Dispose of to meet Federal, State & Local Requirements

**Handling and Storage:** Store in cool, dry well ventilated area. Keep container tightly closed when not in use.

**Other Precautions:** Keep out of reach of children. FOR CONSUMERS ONLY.

## SECTION IX. CONTROL MEASURES

**Respiratory Protection:** NIOSH acid mist respirator

**Ventilation:** Normal indoor

**Local Exhaust:** Not normally indicated when used as directed.

**Mechanical (General):** Not normally indicated

**Protective Gloves:** Rubber, vinyl, Impervious

**Eye Protection:** Face Shield/Chemical safety goggles

**Other Protective Clothing or Equipment:** Chemical resistant 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 (Phosphoric Acid),8, NA 1760, PGIII

## SECTION XI. MISCELLANEOUS INFORMATION

**SARA 313:** 2-Butoxyethanol

**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