

## MATERIAL SAFETY DATA SHEET

Revision Date: 12/30/2010

MSDS No. EZ245

Revision Date: 12/22/2010

Emergency Phones: 800-752-4754

800-424-9300 (CHEMTREC)

PLEASE NOTE: This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets, and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL and STATE RIGHT-TO-KNOW regulations. Also make this information available to any employee who requests it. It is your obligation to comply with these regulations.

### SECTION I - PRODUCT IDENTITY

**PRODUCT NAME: EZ245 Floor Scrub**

Formula: Mixture, butyl & propylene glycol ethers, caustic soda, builders and detergents in water

Chemical Type: As above

#### HMIS RATINGS

Health = 3 (Moderate)	Flammability = 2 (Moderate)
Reactivity = 0 (Minimal)	Protection = C (Goggles, Gloves & Apron)

### SECTION II - HAZARDOUS INGREDIENTS

	<u>PERCENT</u>	<u>TLV</u>	<u>CARCINOGEN (OSHA,TP,IARC)</u>
2-Butoxyethanol CAS No. 111-76-2	<8%	25 ppm	no
Sodium hydroxide CAS No. 1310-73-2	< 4%	2mg/m3 ceiling	no
Sodium Metasilicate Pentahydrate CAS No. 6834-92-0	<3%	none	no

### SECTION III - CHEMICAL AND PHYSICAL

Appearance: Clear blue liquid Odor: Mild solvent pH: 13.5+ Water Solubility: Complete Viscosity, Cp. @ 25°C: Water Thin	Boiling Point: 212°F. Melting Point: N/A Spec. Gravity (H <sub>2</sub> O = 1): 1.05 Vapor Pressure (mm Hg): N/A VOC Content: 7.0%
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### SECTION IV - FIRE AND EXPLOSION HAZARDS

Flash Point (Method): N/A	Explosion Limits: Upper: N/A Lower: N/A
Extinguishing Media: Water fog, CO <sub>2</sub> , halon system, foam	
Special Firefighting Procedures and Hazards: Avoid skin and eye contact, and breathing of vapors. Wear head and body protection and alkali respirator if exposure to liquid is likely.	

### SECTION V - REACTIVITY INFORMATION

Stable: <input checked="" type="checkbox"/>	Unstable: <input type="checkbox"/>
<b>Precautions:</b>	
Incompatibility: Strong acids and materials not resistant to alkalis, active metals (zinc, aluminum, magnesium, etc.)	
Hazardous Decomposition Products: Contact with active metals can release flammable hydrogen gas. If in a fire: CO, CO <sub>2</sub> , and hydrocarbons.	
Hazardous Polymerization: Occurs: <input type="checkbox"/>	Does Not Occur: <input checked="" type="checkbox"/>

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## SECTION VI - HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AID

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- Inhalation:** Breathing of mists causes respiratory irritation and can cause burns. Wear approved alkali mist respirator if exposure is likely. This is suggestion in an area of no ventilation. Remove to fresh air. Get medical attention if needed.
- Skin:** Corrosive. Can cause burns. Incidental contact will cause irritation. Prolonged contact with 2-butoxyethanol may result in the absorption of potentially harmful amounts leading to possible liver and kidney damage. Flush skin with water for 15 minutes. Wear protective gloves. Get medical attention immediately.
- Eyes:** Corrosive! May cause eye damage or irritation. Wear goggles or other eye protection. Flush immediately with water for 15 minutes. Get prompt medical attention immediately.
- Ingestion:** Corrosive. Causes irritation or possible burns in mouth and throat and a mild gastric disturbance. Also may result in the absorption of potentially harmful amounts leading to possible liver and kidney damage. Rinse mouth. Drink lots of water or, preferably milk or juices. Do not induce vomiting. Get medical attention immediately.

Most likely routes of entry: Skin, Eyes.

Other Important Medical or Precautionary Information: None

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## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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Spills and Leaks: Small spills can be flushed into normal drainage or into ground with copious amounts of water, or taken up with absorbent material. Larger spills should be contained by dike or other methods and held for collection and/or reuse. People should use eye and skin protection & respirator.

Storage and Handling: Check daily for any leaks from containers, vessels, pumps, and piping. Have water hoses and acid (acetic, glycolic acids etc.) convenient. Only use containers and equipment designed for acid service.

Waste Disposal: If neutralized, may be disposable in sewers if local regulations permit. Otherwise, send to licensed treatment and disposal facility. As supplied, this product is a RCRA hazardous waste.

Empty Containers: Rinse well before handling and disposal.

Other Precautions: None

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## SECTION VIII - REGULATORY INFORMATION

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Reportable for SARA Title III, S.313 (Form R): 2-Butoxyethanol

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