

903621-02 MATERIAL SAFETY DATA SHEET: USA  
 MEDICAL EMERGENCIES ONLY (24 Hour Service): 1-800-328-0026  
 Medical Calls from Outside of the USA: 1-651-222-5352  
 PROFESSIONAL PRODUCTS ECOLAB INC.  
 370 WABASHA STREET NORTH  
 ST. PAUL MN 55102  
 Product Information: 1-800-247-5362 Issue Date: December 28, 2001

## 1.0 IDENTIFICATION /

**1.1 Product Name:** ABM PROFESSIONAL FLOOR FINISH STRIPPER (NPE-FREE)

1.2 Product Type: Liquid Alkaline/Solvent Floor Finish Stripper

1.3 Hazard Rating: Health: 3 Fire: 2 Reactivity: 0

Substances Subject to SARA 313 Reporting Are Indicated by "#"

## 2.0 HAZARDOUS COMPONENTS /

		(in mg/m3)			
	CAS No.	%	PEL	TWA	
2.1 Sodium hydroxide (caustic soda)	1310-73-2	5	2	2C	
2.2 Ethanolamine (MEA)	141-43-5	5-20	6	7.5*	
		*ACGIH STEL = 15			
2.3 # 2-Butoxyethanol	111-76-2	25	240	97	
(ethylene glycol monobutyl ether) (absorbed through skin)					
2.4 Anionic and Nonionic surfactants	mixture	5-20	No	No	

STEL = ACGIH short term exp. limit (15 min) PEL = OSHA 8 hr ave in air  
 TWA = ACGIH 8 hr average C = ceiling limit in air, do not exceed

## 3.0 PHYSICAL DATA /

- 3.1 Appearance: Clear colorless liquid; solvent odor
- 3.2 Solubility in Water: Mixes with water in all proportions
- 3.3 pH: 13.0 - 13.5 (100%); 12.5 - 13.5 (10%)
- 3.4 Initial Boiling Point: 212 deg F / 100 deg C
- 3.5 Specific Gravity: 1.050 @ 68 deg F / 20 deg C

## 4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: Combustible liquid; vapors released at or above the flash point may travel to ignition source and flash back.
- 4.2 Fire Fighting Methods: Use method appropriate for surrounding fire.
- 4.3 Flash Point: Estimated 180 deg F / 82 deg C

## 5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of use and handling.
- 5.2 Conditions to Avoid: Reacts with acids and soft metals i.e. aluminum or zinc, producing flammable hydrogen gas. Mix only with water. Avoid extreme high heat and ignition sources. Keep from freezing.

## 6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

- 6.1 Cleanup: Dike or dam large spills. Pump to containers or soak up on inert absorbent. Flush residue to sanitary sewer.
- 6.2 Waste Disposal: Consult state/local authorities for limits on chemical waste disposal. Unused product is RCRA Corrosive (D002).

## 7.0 HEALTH HAZARD DATA /

DANGER

- 7.1 Effects of Overexposure to Concentrate:

Eyes: CAUSES CHEMICAL BURNS. May cause blindness.

++ Immediate water flushing is vital in case of eye contact ++

Skin: CAUSES CHEMICAL BURNS. Harmful contact may not cause immediate pain.

If Swallowed: HARMFUL OR FATAL. Causes chemical burns of mouth throat and stomach.

If Inhaled: Mists may cause irritation to mouth, throat, or lungs.

- 7.2 Note: In rats and mice, heavy doses of 2-butoxyethanol damage red blood cells, which in turn can injure the liver, kidney and spleen. These effects have not been observed in humans.

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## 8.0 FIRST AID /

- 8.1 Eyes: Flush at once with cool running water. Remove contact lenses and continue flushing for 15 minutes, holding eyelids apart so as to rinse entire eye. SEEK MEDICAL ATTENTION IMMEDIATELY.

- 8.2 Skin: Immediately flush skin with plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes. Discard or wash before reuse.

- 8.3 If Swallowed: Rinse mouth at once; then drink 1 or 2 large glasses of water. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person.

- 8.4 If Inhaled: Immediately move to fresh air.

IMMEDIATELY CALL THE MEDICAL EMERGENCY NUMBER, 1-800-328-0026,  
A POISON CONTROL CENTER, OR A PHYSICIAN

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## 9.0 PROTECTIVE MEASURES /

- 9.1 FOR CONCENTRATE:

Eyes: Wear chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.

Skin: Wear any impervious gloves, other protective equipment as necessary to prevent skin contact.

Respiratory: Avoid breathing mists or vapors of this product.

Note: Provide access to emergency eye wash and shower.

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## 10.0 ADDITIONAL INFORMATION /

- 10.1 Purpose of 12/28/2001 issue: First issue.

KEEP OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data,