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MATERIAL SAFETY DATA SHEET

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MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026
 Medical Calls from Outside of the USA: 612 292 4064 (USA)

INSTITUTIONAL DIV., Ecolab Inc. Product Information: 1-800-352-5326
 Ecolab Ctr. St. Paul MN 55102 Date of Issue: December 28, 1994

1.0 IDENTIFICATION /

- 1.1 Product Name: GREASECUTTER
 1.2 Product Type: High Alkaline Oven Cleaner/Degreaser

++ SARA 313 Toxic Chemicals, If Present, Are Preceded by "#" ++

2.0 HAZARDOUS COMPONENTS /

	%	(mg/m3)	
		PEL	Other
2.1 Sodium hydroxide (caustic soda) 1310-73-2	3.5	2	2 C
2.2 # Butoxyethanol (Skin) 111-76-2	1.0	240	121
2.3 Ethanolamine (MEA) 141-43-5	2.5	8	7.5
2.4 This product contains no other components considered hazardous according to the criteria of 29 CFR 1910.1200.			

UNK = Unknown at this time
 STEL = 15 Minute Average

PEL = OSHA 8 Hour Average
 C = Ceiling Limit; Do Not Exceed

3.0 PHYSICAL DATA /

- 3.1 Appearance: Clear yellow orange liquid; slight glycol ether odor
 3.2 Solubility in Water: Complete
 3.3 pH: 13.2-13.8 (100%)
 3.4 Initial Boiling Point: >212 degrees F
 3.5 Specific Gravity: 1.041

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: None
 4.2 Fire Fighting Methods: Product does not support combustion.

5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of handling.
 5.2 Conditions to Avoid: Do not mix with anything but water. Reacts violently with acids. Reacts with soft metals such as aluminum and zinc. Keep from freezing.
 5.3 Do not use on surfaces above 130 deg F; irritating vapors may occur.

6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

- 6.1 Cleanup: Rinse small amounts to drain where possible. Dike or dam large spills; pump to containers or soak up on inert absorbent. Flush residue to sanitary sewer; rinse area thoroughly.
 6.2 Waste Disposal: Unused product as a waste is Corrosive (D002) by RCRA criteria. Consult state and local authorities for restrictions on disposal of chemical waste.

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7.0 HEALTH HAZARD DATA /

DANGER

7.1 Effects of Overexposure to Concentrate:

Skin and Eyes: CAUSES SEVERE CHEMICAL BURNS. Eye contact may cause blindness. Harmful contact may not cause immediate pain.

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

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

If Inhaled: Damages airways and lungs, depending upon amount and duration of exposure. Effects can vary from slight irritation to bronchitis or pneumonia. People with asthma or other lung problems may be more affected.

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.

8.0 FIRST AID /

8.1 Eyes: Immediately flush with plenty of cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart to ensure rinsing of the entire eye.

CALL A PHYSICIAN IMMEDIATELY.

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

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

8.4 If Inhaled: Immediately move to fresh air.

CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY

9.0 PROTECTIVE MEASURES /

FOR CONCENTRATED PRODUCT AND USE SOLUTIONS:

9.1 Respiratory: Ventilate to maintain exposure below limits. Avoid inhalation of vapor or mist.

9.2 Skin & Eyes: Wear rubber gloves or gauntlets; splashproof glasses, goggles or faceshield; rubber apron or other protective equipment as necessary to prevent contact with skin, eyes or clothing.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

KEEP OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.