



Ecolab Inc.

Ecolab Center  
St. Paul, Minnesota 55102

17152

\*MATERIAL SAFETY DATA SHEET\*

Page 1 of 2

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: January 31, 1997

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1.0 IDENTIFICATION /

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

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

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2.0 HAZARDOUS COMPONENTS /

		(mg/m3)		
		%	PEL	TWA
2.1 Sodium hydroxide (caustic soda) 1310-73-2		5	2	2 C
2.2 # Butoxyethanol (Skin) 111-76-2		*	240	12 I
	* California 4.6%			
	Other states 10%			
2.3 This product contains no other components considered hazardous according to the criteria of 29 CFR 1910.1200.				

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STEL = 15 Minute Average PEL = OSHA 8 Hour Average in Air  
TWA = ACGIH 8 Hour Average C = Ceiling Limit in Air; Do Not Exceed

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3.0 PHYSICAL DATA /

- 3.1 Appearance: Opaque red/purple liquid; slight glycol ether odor  
3.2 Solubility in Water: 99%  
3.3 pH: 13.0-14.0 (100%)  
3.4 Initial Boiling Point: 212 deg F  
3.5 Specific Gravity: 1.05-1.09

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 vigorously with acids. Reacts with soft metals such as aluminum and zinc. Keep from freezing.  
5.3 Use on surfaces above 130 deg F may cause irritating vapors.

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: RCRA Corrosive Waste (D002). Consult state and local authorities for restrictions and disposal of chemical waste.



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Page 2 of 2  
922500

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## 7.0 HEALTH HAZARD DATA/

DANGER

### 7.1 Effects of Overexposure:

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 vary from irritation to bronchitis or pneumonia. People with 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.

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## 8.0 FIRST AID /

8.1 Eyes: Flush at once with cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart so as to rinse 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; discard or wash well 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 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.

9.3 Use Solutions: Avoid contact with use-solutions of this product as these may also be hazardous.

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## 10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 Purpose of 01/31/97 issue: Editorial changes in Sec. 5.

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.