**MATERIAL SAFETY DATA SHEET**

MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026

INSTITUTIONAL DIV., Ecolab Inc. Product Information: 1-800-352-5326

Ecolab Ctr. St. Paul MN 55102 Date of Issue: January 29, 1993

1.0 IDENTIFICATION

1.1 Product Name: GREASESTRIP

1.2 Product Type: High Alkaline Oven Cleaner/Degreaser

++ Section 2 Provides SARA Section 313 Reporting Information ++

2.0 HAZARDOUS COMPONENTS

2.1 Sodium hydroxide (caustic soda) 1310-73-2 % TWA Other

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<td>Sodium</td>
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2.2 Butoxyethanol 111-76-2

* 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.

UNK = Unknown at this time
STEL = 15 Minute Average
TWA = OSHA 8 Hour Average
C = Ceiling Limit; Do Not Exceed

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 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 violently with acids. Reacts with soft metals such as aluminum and zinc.

5.3 Do not use on surfaces above 130 deg F; irritating vapors may occur.

5.4 Keep from freezing.

6.0 SPILL OR LEAK PROCEDURES

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.

7.0 HEALTH HAZARD DATA

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 can vary from slight irritation to
bronchitis or pneumonia. People with asthma or other lung problems
may be more affected.
7.2 Note: Butoxyethanol penetrates skin. In rodents, heavy doses
damage red blood cells, with injury to liver, kidney and spleen.
Humans and other species are more resistant. Can injure eyes.

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

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.

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.