



Ecolab Center
St. Paul, Minnesota 55102

15545

MATERIAL SAFETY DATA SHEET

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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: August 26, 1992

1.0 IDENTIFICATION /

- 1.1 Product Name: SOLID REGAIN
- 1.2 Product Type: Heavy Duty Solid Cleaner

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

2.0 HAZARDOUS COMPONENTS /

		(mg/m3)	
	%	TWA	Other
2.1 Sodium hydroxide (caustic soda) 1310-73-2	4	2 C	2 C
2.2 Ethanolamine (MEA) 141-43-5	32	8	7.5
2.3 Butoxyethanol 111-76-2	8	121	121
2.4 This product also contains water, surfactants, dye and fragrance, none of which are considered hazardous according to 29 CFR 1910.1200.			

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

3.0 PHYSICAL DATA /

- 3.1 Appearance: Blue purple solid; ammonia odor.
- 3.2 Solubility in Water: Complete
- 3.3 pH: 12.6 (5%)
- 3.4 Melting Range: 108-115 deg F

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.

6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

- 6.1 Cleanup: Rinse small amounts to sanitary sewer where possible, or mop up and rinse area thoroughly with water.
- 6.2 Waste Disposal: 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: 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 CONCENTRATE:
Respiratory: Avoid breathing dusts or mists of this product.
Skin: Rubber gloves - protective cuff or gauntlet type preferred.
Eyes: Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.
- 9.2 USE SOLUTIONS: Avoid contact with use solutions. 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.