

ECOLAB INC -- SOLID REGAIN -- 7930-01-347-1720

===== Product Identification =====

Product ID:SOLID REGAIN
MSDS Date:08/26/1991
FSC:7930
NIIN:01-347-1720
MSDS Number: BPVLD
==== Responsible Party ====
Company Name:ECOLAB INC
Address:370 WABASHA ST
City:ST PAUL
State:MN
ZIP:55102-0026
Country:US
Info Phone Num:612-293-2233
Emergency Phone Num:800-328-0026
CAGE:0DAC4
==== Contractor Identification ====
Company Name:ECOLAB INC
Address:8811 E HAMPDEN AVE BLDG 4 B
City:DENVER
State:CO
ZIP:80231
Country:US
Phone:612-293-2233
CAGE:0DAC4
Company Name:ECOLAB PROFESSIONAL PRODUCTS DIVISION OF ECOLAB INC.
Address:ECOLAB CENTER
Box:City:ST PAUL
State:MN
ZIP:55102
Country:US
Phone:800-352-5326
CAGE:85884

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM HYDROXIDE
CAS:1310-73-2
RTECS #:WB4900000
Fraction by Wt: 4%
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHANOL, 2-AMINO-; (ETHANOLAMINE)
CAS:141-43-5
RTECS #:KJ5775000
Fraction by Wt: 32%
OSHA PEL:3 PPM; 6 PPM STEL
ACGIH TLV:3 PPM; 6 PPM STEL

Ingred Name:ETHANOL, 2-BUTOXY-; (ETHYLENE GLYCOL MONOBUTYL ETHER)
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: 8%
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000

Ingred Name:SURFACTANTS

Ingred Name:DYES

Ingred Name:FRAGRANCE

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN/EYES: CAUSES SEV CHEM BURNS. EYE
CONT MAY CAUSE BLINDNESS. HARMFUL CONT MAY NOT CAUSE IMMED PAIN.

INGEST:HARMFUL/FATAL. CAUSES CHEM BURNS OF MOUTH, THROAT & STOM.
INHAL: DAM AIRWAYS & LUNGS, DPND G UPON AMT & DURATION OF EXPOS.
EFTS CAN VARY FROM SLIGHT IRRIT TO BRONCH/PNEUM. PEOPLE
W/ASTHMA/OTHER (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:LUNG PROBLEMS MAY BE MORE AFFECTED.
NOTE: BUTOXETHANOL PENETRATES SKIN. IN RODENTS, HEAVY DOSES DAM
RED BLOOD CELLS, W/INJURY TO LIVER/KIDNEY & SPLEEN. HUMANS & OTHER
SPECIES ARE MORE RESIST NT. CAN INJURE EYES. ANIMAL STUDIES HAVE
CLEARLY DEMONSTRATED DOSE-RELATED ADVERSE EFTS ON CNS,
HEMATOPOIETIC(SUPP DATA)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYES: IMMED FLUSH W/PLENTY OF COOL RUNNING H*2O. REMOVE CONT
LENSES. CONTINUE FLUSH FOR @ LST 15 MIN, HOLDING LIDS APART TO
ENSURE RINSING OF ENTIRE EYE. CALL PHYS IMMED. SKIN: IMMED FLUSH
W/PLENTY OF COOL RUNNING H*2O FOR @ LST 15 MIN WHILE REMOVING
CONTAM'D CLTHG & SHOES. INGEST: RINSE MOUTH @ ONCE; THEN DRINK 1-2
GLASSES OF H*2O/MILK. DO NOT INDUCE VOMIT. NEVER GIVE ANYTHING BY
MOUTH (SUPP DATA)

===== Fire Fighting Measures =====

Extinguishing Media:MEDIA SUITABLE FOR SURROUNDING FIRE .

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT . PRODUCT DOES NOT SUPPORT COMBUSTION.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

===== Accidental Release Measures =====

Spill Release Procedures:RINSE SMALL AMOUNTS TO SANITARY SEWER WHERE
POSSIBLE, OR MOP UP AND RINSE AREA THOROUGHLY WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP OUT OF REACH OF CHILDREN.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:AVOID BREATHING DUSTS/MISTS OF PRODUCT. USE
NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN

Ventilation:None SPECIFIED BY MANUFACTURER.

Protective Gloves:RUBBER GLOVES-PROT CUFF OR (SUPP DATA)

Eye Protection:CHEM WORK GOG & FULL LENGTH FSHLD.

Other Protective Equipment:EMERGENCY EYEWASH AND DELUGE SHOWER .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EFTS OF OVEREXP: TISSUE, BLOOD, KIDNEYS, & LIVER ASSOC W/ADMINISTRATION
OF ETHYLENE GLYCOL MONOBUTYL ETHER. (EXTRACTED FROM DHHS (NIOSH)
PUBLICATION NO. 90-118) . FIRST AID PROC: TO AN UNCON PER SON.
INHAL: IMMED MOVE TO FRESH AIR. PROT GLOVES: GAUNTLET TYPE
PREFERRED.

===== Physical/Chemical Properties =====

Melt/Freeze Pt:M.P/F.P Text:>108F,>42C

pH:12.6

Solubility in Water:COMPLETE

Appearance and Odor:BLUE PURPLE SOLID; AMMONIA ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:DO NOT MIX WITH ANYTHING BUT WATER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

===== Disposal Considerations =====

Waste Disposal Methods:CONSULT STATE, FEDERAL AND LOCAL AUTHORITIES
FOR RESTRICTIONS ON DISOSAL OF CHEMICAL WASTE.

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