

ECOLAB INC ECOLAB CENTER -- ECO SAN -- 7930-01-270-1564

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

Product ID:ECO SAN

MSDS Date:12/13/1988

FSC:7930

NIIN:01-270-1564

MSDS Number: BLDDM

=== Responsible Party ===

Company Name:ECOLAB INC ECOLAB CENTER

Address:370 WABASHA ST

City:SAINT PAUL

State:MN

ZIP:55102-1307

Country:US

Info Phone Num:612-293-2570

Emergency Phone Num:612-293-2570

CAGE:85884

=== Contractor

Identification ===

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 HYPOCHLORITE (SARA III)

CAS:7681-52-9

RTECS #:NH3486300

Fraction by Wt: 8.4%

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY

MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN/EYE:CAUSES CHEMICAL BURNS. EYE CONTACT MAY CAUSE BLINDNESS. INGEST:HARMFUL. CAUSES CHEMICAL BURNS OF MOUTH, THROAT AND STOMACH. INHAL:VAPORS OR MIST CAUSE IRRITATION, INCLUDING A BURNING TASTE, SNEEZING, COUGHING AND DIFFICULTY BREATHING. PEOPLE WITH ASTHMA OR OTHER LUNG PROBLEMS MAY BE MORE SUSCEPTIBLE.

Explanation

of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:IMMED FLUSH W/PLENTY OF COOL RUNNING WATER. REMOVE CONTACT LENSES. CONTINUE FLUSHING FOR AT LEAST 15 MIN, HOLDING EYELIDS APART TO ENSURE RINSING OF ENTIRE EYE. CALL A PHYSICIAN IMMED. SKIN:IMMED FLUSH SKIN W/PLENTY OF COOL RUNNING WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE REUSE. INGEST:RINSE MOUTH AT ONCE; THEN DRINK 1/TWO (SUPP DATA)

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

Extinguishing Media:USE EXTING MEDIA SUITIBLE FOR SURROUNDING FIRES .  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . PRODUCT DOES NOT SUPPORT COMBUSTION.  
Unusual Fire/Explosion Hazard:HIGH TEMPERATURES MAY GENERATE HAZARDOUS DECOMPO SITION PRODUCTS INCLUDING CHLORINE GAS.

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

Spill Release Procedures:USE PROPER PROTECTIVE EQUIPMENT. DIKE OR DAM LARGE SPILLS. PUMP TO CONTAINERS OR SOAK UP ON INERT ABSORBENT. FLUSH RESIDUE TO SANITARY SEWER.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.  
Other Precautions:AVOID BREAT

HING MISTS OR VAPORS OF THIS PRODUCT.

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

Respiratory Protection: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:CHEMICAL WORKERS GOGGLES. (SUPP DATA)

Other Protective Equipment:EMERGENCY EYE WASH AND DELUGE SHOWER .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety  
and Health

FIRST AID:LARGE GLASSES OF WATER OR MILK. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHAL:IMMEDIATELY MOVE TO FRESH AIR. CALL POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY. PROT GLOVE:GAUNTLET TYPE PREFERRED. EYE PROT:ADD FULL LENGTH FACESHIELD TO GOGGLES .

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

HCC:B3

Boiling Pt:B.P. Text:>212F,>100C

Spec Gravity:1.16-1.17

pH:10.5

Solubility in Water:COMPLETE

App

pearance and Odor:CLEAR LIGHT YELLOW LIQUID WITH CHLORINE ODOR.

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:MIX ONLY WITH WATER. DO NOT MIX WITH ACIDS OR AMMONIA-WILL CAUSE HAZARDOUS VAPORS.

Hazardous Decomposition Products:CHLORINE GAS

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL,

STATE, AND

FEDERAL REGULATIONS . UNUSED PRODUCT AS A WASTE IS CORROSIVE (D002)  
BY RCRA CRITERIA.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice  
to verify and  
assume responsibility for the suitability of this information to their  
particular situation.