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===== 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 DI  
VISION OF ECOLAB INC.  
Address:ECOLAB CENTER  
Box:City:ST PAUL  
State:MN  
ZIP:55102  
Country:US  
Phone:800-352-5326  
CAGE:85884

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===== 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

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestio

n: 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 Conditions Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

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

First Aid: EYE: IMMEDIATELY FLUSH WITH 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 IMMEDIATELY. 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. INGEST: RINSE MOUTH AT ONCE; THEN DRINK 1/2 CUP (SUPPLEMENTAL DATA)

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

Extinguishing Media: USE EXTINGUISHING MEDIA SUITABLE 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 DECOMPOSITION PRODUCTS INCLUDING CHLORINE GAS.

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===== 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.

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

Handling and Storage Precautions: NONE SPECIFIED BY MANUFACTURER.  
Other Precautions: AVOID BREATHING MISTS OR VAPORS OF THIS PRODUCT.

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===== Exposure C

ontrols/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

Appearance 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.

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