

ECOLAB INC -- GUARDIAN -- 7930-01-108-1453

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

Product ID:GUARDIAN

MSDS Date:03/29/1984

FSC:7930

NIIN:01-108-1453

MSDS Number: BHLXP

=== Responsible Party ===

Company Name:ECOLAB INC

Address:370 WABASHA STREET

City:ST. PAUL

State:MN

ZIP:55102-1307

Country:US

Info Phone Num:612-293-2233

Emergency Phone Num:612-293-2233

CAGE:0DAC4

=== Contractor Identification ===

Comp

any 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:NO INGREDIENT FOR THIS FORMULATION_INGREDIENT

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

LD50 LC

50 Mixture:LD50 IPR-MUS 40 MG/KG (NAOH SOL'N)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:REDNESS AND BURNING SENSATION TO SKIN AND EYES. INGESTION: PAINFUL OR DIFFICULTY IN SWALLOWING.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYE, SKIN & RESPIRATORY TRACT IRRITATION AND BURNS.

Medical C

ond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.

Fire Fighting Procedures:BECAUSE OF EXOTHERMIC REACTION AND POSSIBLE RELEASE OF CHLORINE, WATER SHOULD NOT BE USED UNLESS "FLOODING"

QUANTITIES ARE AVAILABLE.

Unusual Fire/Explosion Hazard:HEAT AND/OR WATER MAY RELEASE CHLORINE.

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

Spill Release Procedures:AVOID CONTACT WITH POWDER AND BREATHING DUST. SWEEP UP POWDER AND WASH AREA WITH WATER. REMOVE RESIDUE WITH WATER.

Neutralizing Agent:WEAKLY ACIDIC SOLUTION.

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

Handling and Storage Precautions:KEEP DRY. RUBBER GLOVES AND PROPER EYE

PROTECTION SHOULD BE WORN WHEN HANDLING. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE DUST. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE.

LOCAL EXHAUST MAY BE REQUIRED IF

WORK AREA NOT VENTED.

Protective Gloves:RUBBER GLOVES

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE DUST.

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

HCC:B1

pH:13(1%)

Solubility in Water:APPRECIABLE

Appearance and Odor:BLUE SPECKLED GRANULAR POWDER-SLIGHT CHLORINE ODOR

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

DO NOT MIX WITH ACIDS.

Hazardous Decomposition Products:OXIDES OF CARBON, CHLORINE AND NITROGEN.

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

Waste Disposal Meth

ods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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.