

ECOLAB INC -- GUARDIAN -- 7930-00F006337

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

Product ID:GUARDIAN
 MSDS Date:01/01/1987
 FSC:7930
 NIIN:00F006337
 MSDS Number: BBVMD
 === Responsible Party ===
 Company Name:ECOLAB INC
 Address:370 WABASHA ST ECOLAB CENTER
 City:ST PAUL
 State:MN
 ZIP:55102-1307
 Country:US
 Info Phone Num:612-293-4064
 Emergency Phone Num:612-293-4064
 CAGE:ODAC4

===== 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:ODAC4
 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, CAUSTIC SODA, LYE *97-3*
 CAS:1310-73-2
 RTECS #:WB4900000
 Fraction by Wt: 30%
 Other REC Limits:2MG/M3 CEILING NIOSH
 OSHA PEL:2 MG/CUM
 ACGIH TLV:2 MG/CUM CEILING
 EPA Rpt Qty:1000 LBS
 DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM DICHLOROISOCYANURATE, SODIUM
 DICHLORO-S-TRIAZINETRIONE DIHYDRATE
 CAS:2893-78-9
 RTECS #:XZ1900000
 Fraction by Wt: 3%

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
 Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN/EYES: SEVERE CHEMICAL BURNS. MAY CAUSE BLINDNESS. INGESTION: HARMFUL/FATAL. CHEMICAL BURNS OF MOUTH, THROAT & STOMACH. INHALATION: DAMAGES AIRWAYS & LUNGS, DEPENDING UPON AMOUNT & DURATION OF EXP OSURE. MAY CAUSE SLIGHT IRRITATION TO BRONCHITIS/PNEUMONIA. PEOPLE W/ASTHMA/LUNG PROBLEMS MAY BE MORE SUSCEPTIBLE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:CHEMICAL BURNS, PAIN, IRRITATION

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

First Aid:EYES/SKIN: IMMEDIATELY FLUSH W/PLENTY OF COOL RUNNING WATER. REMOVE CONTACT LENSES. CONTINUE FLUSHING FOR 15 MINS. INGESTION: RINSE MOUTH AT ONCE, THEN DRINK ONE/TWO LARGE GLASSES OF WATER/MILK. DON'T INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. INHALATION: IMMEDIATELY MOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:CO2/DRY CHEMICALS

Fire Fighting Procedures:PRODUCT DOESN'T SUPPORT COMBUSTION.

Unusual Fire/Explosion Hazard:WETTING CONTAINERS CAN CAUSE EXOTHERMIC REACTION RELEASING CHLORINE GAS.

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

Spill Release Procedures:PICK UP W/OUT RAISING DUST. FLUSH AREA W/WATER.

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

Handling and Storage Precautions:KEEP DRY; DON'T STORE IN WET, MOIST AREAS. TO INSURE MAXIMUM SHELF-LIFE, STORE <100F. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:AVOID CONTACT W/USE SOLUTIONS OF THIS PRODUCT, AS THESE MAY ALSO BE HAZARDOUS.

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

Respiratory Protection:AVOID MISTING CONDITIONS/DUSTS.

Protective Gloves:RUBBER, PROTECTIVE CUFFS/GAUNTLET TYPE

Eye Protection:GLASSES/GOGGLES/FACESHIELD

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING & SHOES BEFORE REUSE.

Supplemental Safety and Health

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

pH:12-13

Solubility in Water:COMPLETE

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

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

Stability Indicator/Materials to Avoid:YES

ACIDS, ALUMINUM, ZINC

Hazardous Decomposition Products:CHLORINE GAS

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE &
FEDERAL REGULATIONS. DOT CORROSIVE NA1759.

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.