



GUARDIAN PLUS

MSDS Number

BBBLC

National Stock Number

7930-01-049-6940

Product Name

GUARDIAN PLUS

Manufacturer

ECONOMICS LABORATORY INC

Product Identification

Product ID: GUARDIAN PLUS

MSDS Date: 01/01/1987

FSC: 7930

NIIN: 01-049-6940

MSDS Number: BBBLC

Responsible Party

ECONOMICS LABORATORY, INC.

ST. PAUL , MN 55102

US

Emergency Phone: 1-800-328-0026

Info Phone: 1-612-293-2233

Cage: 5G570

Contractor

ECONOMICS LABORATORY INC

ST PAUL, MN 55102

US

(612) 293-2233

Cage: 5G570

Ingredients

SODIUM HYDROXIDE (CAUSTIC SODA)

CAS: 1310-73-2

RTECS: WB4907300

Fraction By Weight: 40%

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

SODIUM DICHLOROISOCYANURATE

CAS: 2893-78-9

RTECS: WA0360000

Fraction By Weight: 4%

Hazards



Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EYE CONTACT MAY CAUSE BLINDNESS.
CAUSES SEVERE CHEMICAL BURNS. HARMFUL OR FATAL IF SWALLOWED.
Effects of Overexposure:CAUSES CHEMICAL BURNS OF MOUTH,THROAT AND
STOMACH IF SWALLOWED. MAY BE FATAL. DAMAGES AIRWAYS AND
LUNGS,DEPENDING UPON AMOUNT AND DURATION OF EXPOSURE. EFFECTS CAN
VARY FROM SLIGHTLY IRRITATION TO BRO NCHITIS OR PNEUMONIA CAUSES
SEVERE CHEMICAL BURNS TO SKIN AND EYES. EYE CONTACT MAY CAUSE
BLINDNESS.
Medical Cond Aggravated by Exposure:PEOPLE WITH ASTHMA OR OTHER LUNG
PROBLEMS MAY BE MORE SUSCEPTIBLE TO AGGRAVATED MEDICAL CONDITIONS
BY INHALATION.

First Aid

First Aid:FLUSH EYES WITH COOL RUNNING WATER FOR 15 MINS. IF
SWALLOWED,RINSE MOUTH AT ONCE,THEN DRINK 1 OR 2 LARGE GLASSES OF
WATER OR MILK FOR EXPOSURE TO EYES OR BY SWALLOWING,CALL A
PHYSICIAN IMMEDIATELY. FL USH SKIN WITH WATER FOR 15 MINS.
REMOVECONTAMINATED CLOTHING AND SHOES. IF INHALED,MOVE VICTIM TO
FRESH AIR IMMEDIATELY.

Fire Fighting

Fire Fighting Procedures:PRODUCT DOES NOT SUPPORT COMBUSTION
Unusual Fire/Explosion Hazard:USE CO2 OR DRY CHEMICALS FOR FIRES NEAR
THIS PRODUCT. WETTING CONTAINERS CAN CAUSE EXOTHERMIC REACTION
RELEASING CHLORINE GAS.

Accidental Release

Spill Release Procedures:PICK UP WITHOUT RAISING DUST. FLUSH AREA WITH
WATER.

Handling

Handling and Storage Precautions:KEEP PRODUCT DRY. DO NOT STORE IN
WET,MOIST AREAS.TO INSURE MAXIMUM SHELF-LIFE,STORE BELOW 100F.
Other Precautions:KEEP OUT OF REACH OF CHILDREN.

Exposure Controls

Respiratory Protection:AVOID MISTING CONDITIONS OR DUSTS.
Protective Gloves:RUBBER GLOVES-PROTECTIVE CUFF/GAUNTLET
Eye Protection:SPLASHPROOF GLASSES,GOGGLES OR FACESHIEL
Supplemental Safety and Health

Chemical Properties

pH:12-13
Solubility in Water:COMPLETE
Appearance and Odor:BLUE SPECKLED POWDER (GRANULAR) SLIGHT CHLORINE
ODOR
Percent Volatiles by Volume:.2%

Stability

Stability Indicator/Materials to Avoid:YES
ALUMINUM AND ZINC AND SIMILAR SOFT METALS.
Stability Condition to Avoid:REACTS VIOLENTLY WITH ACIDS. REACTS WITH
SOFT METALS SUCH AS ALUMINUM AND ZINC.

Disposal

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

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