

ECOLAB INC -- ERUSTICATOR, 943613 -- 6850-01-389-0269

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

Product ID:ERUSTICATOR, 943613

MSDS Date:03/25/1994

FSC:6850

NIIN:01-389-0269

Kit Part:Y

MSDS Number: CGVNY

=== Responsible Party ===

Company Name:ECOLAB INC

Address:ECOLAB CENTER

City:ST PAUL

State:MN

ZIP:55102

Country:US

Info Phone Num:800-553-8683

Emergency Phone Num:800-328-0026

CAGE:0DAC4

=== 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: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:HYDROFLUORIC ACID (SARA 302/313) (CERCLA)

CAS:7664-39-3

RTECS #:MW7875000

Fraction by Wt: 10-15%

OSHA

PEL:3 PPM (F)
ACGIH TLV:C 3 PPM (F)
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingrid Name:AMMONIUM HYDROGEN FLUORIDE; (AMMONIUM BIFLUORIDE) (CERCLA)
CAS:1341-49-7
RTECS #:BQ9200000
Fraction by Wt: 25-30%
OSHA PEL:2.5 MG (F)/M3
ACGIH TLV:2.5 MG (F)/M3
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:YES Ingestion:YES
Reports of Carcinogenicity:NTP:
NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:DANGER-POISON. ACUTE: SKIN/EYES:
CAUSES SEV CHEM BURNS. EYE CONT MAY CAUSE BLINDNESS. HARMFUL CONT
MAY NOT CAUSE IMMED PAIN. (IMMED WATER FLUSHING IS VITAL IN CASE OF
EYE CONT.) INGEST: HARMFUL/FATAL. CAUSES CHEM BURNS OF MOUTH,
THROAT & STOM. INHAL: DAMAGES AIRWAYS & LUNGS, DEPENDING UPON AMT &
(EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:HLTH HAZ: DURATION OF EXPOS. EFTS CAN VA
RY FROM
SLIGHT IRRIT TO BRONCHITIS/PNEUMONIA.
Medical Cond Aggravated by Exposure:PEOPLE WITH ASTHMA OR OTHER LUNG
PROBLEMS MAY BE MORE AFFECTED.

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

First Aid:EYES: IMMED FLUSH W/PLENTY OF COOL RUNNING WATER. REMOVE CONT
LENSES. CONTINUE FLUSHING FOR AT LEAST 15 MIN, HOLDING EYELIDS
APART TO ENSURE RINSING OF ENTIRE EYE. SKIN: IMMED FLUSH W/PLENTY
OF COOL R UNNING WATER FOR AT LEAST 15 MIN WHILE REMOVING CONT
AM
CLTHG & SHOES. WASH CLTHG BEFORE REUSE. INGEST: RINSE MOUTH AT
ONCE; THEN DRINK 1-2 LGE GLASSES OF WATER/MILK. DO NOT INDUCE
VOMIT. (SUP DAT)

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

Extinguishing Media:PRODUCT DOES NOT SUPPORT COMBUSTION. USE MEDIA
SUITABLE FOR SURROUNDING FIRE .
Fire Fighting Procedures:WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE
EQUIPMENT .
Unusual Fire/Explosion Hazard:IN CASE OF FIRE, HIGHLY CORROSIVE
HYDROGEN FLUORI

DE (HF) FUMES MAY BE EMITTED.

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

Spill Release Procedures:PREVENT SKIN CONTACT. 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:KEEP OUT OF REACH OF CHILDREN.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:AVOID BREATHING MISTS OR VAPORS OF THIS PRODUCT. USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:RUBBER (PROT CUFF/GAUNTLET TYPE PREF).

Eye Protection:ANSI APPRVD CHEM WORKERS GOGG (SUP DAT)

Other Protective Equipment:EMERGENCY EYEWASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRST AID PROC: NEVER GIVE ANYTHING BY MOUTH TO AN UNCON PERSON. INHAL: IMMED MOVE TO FRESH AIR. IMMED CALL POISON CTL CTR, MD/ECOLAB 24-HR MED EMER NUMBER (1-800-328-0026). EYE PROT: & FULL LENGTH FACE SHIELD .

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

Boiling Pt:B.P. Text:>180F,>82C

Spec Gravity:1.10-1.20

pH: