

ECOLAB INC; INSTITUTIONAL DIVISION -- ECO-STAR SOUR VII -- 7930-01-140-6453

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Product Identification
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Product ID:ECO-STAR SOUR VII

MSDS Date:06/09/1992

FSC:7930

NIIN:01-140-6453

MSDS Number: CCXRF

=== Responsible Party ===

Company Name:ECOLAB INC; INSTITUTIONAL DIVISION

Address:ECOLAB CTR

City:ST. PAUL

State:MN

ZIP:55102

Country:US

Info Phone Num:800-352-5326

Emergency Phone Num:800-328-0026

CAGE:NO039

=== Contractor Identification ===

Company Name:ECOLAB INC; INSTITUTIONAL DIVISION

Address:ECOLAB CTR

City:ST. PAUL

State:MN

ZIP:55102

Country:US

Phone:800-352-5326

CAGE:NO039

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

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Composition/Information on Ingredients
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Ingred Name:HYDROFLUOROSILICIC ACID

CAS:16961-83-4

RTECS #:VV8225000

Frac

tion by Wt: 20.0%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:2.5 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN/EYE: CAUSES SEVERE CHEMICAL
BURNS. MAY CAUSE BLINDNESS. HARMFUL CONTACT MAY NOT CAUSE IMMEDIATE
PAIN. INGESTION: HARMFUL/FATAL. CHEMICAL BURNS TO
MOUTH/THROAT/STOMACH. INHALATION: DAMAGES AIRWAYS /
LUNGS
(BRONCHITIS/PNEUMONIA).
Medical Cond Aggravated by Exposure:PEOPLE W/ASTHMA/OTHER LUNG PROBLEMS
MAY BE MORE AFFECTED.

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

First Aid:EYE: IMMED FLUSH W/LOTS COOL RUNNING WATER. REMOVE CONTACTS &
KEEP FLUSHING >15 MIN HOLDING LIDS APART. CALL DR IMMED. SKIN:
FLUSH W/LOTS OF COOL RUNNING WATER >15 MIN. REMOVE CONTAM
CLOTHES/SHOES. IN GESTION: RINSE MOUTH. DRINK 1-2 LARGE GLASSES
WATER/MILK. DON'T INDUCE
VOMITING. NEVER GIVE ANYTHING BY MOUTH TO
UNCONSCIOUS PERSON. INHALATION: MOVE TO FRESH AIR. CALL POISON
CONTROL OR DR IMMED.

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

Fire Fighting Procedures:COOL CONTAINERS W/WATER SPRAY IF EXPOSED TO
FIRE. PRODUCT DOES NOT SUPPORT COMBUSTION.
Unusual Fire/Explosion Hazard:WILL ATTACK SOME METALS & RELEASE SOME
FLAMMABLE HYDROGEN. PRODUCES CORROSIVE VAPORS OF HYDROGEN
FLUORIDE/SILICON TETRAFLUORIDE.

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

Spill Release Procedures:RINSE SMALL AMOUNTS TO DRAIN WHERE POSSIBLE.
DIKE OR DAM LARGE SPILLS; PUMP TO CONTAINERS OR SOAK UP ON INERT
ABSORBENT. FLUSH RESIDUE TO SANITARY SEWER; RINSE AREA THOROUGHLY.

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

Handling and Storage Precautions:STORE IN A COOL DRY PLACE. KEEP OUT OF
REACH OF CHILDREN.

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

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Respiratory Protection:AVOID BREATHING MISTS/VAPORS OF THIS PRODUCT.

Protective Gloves:RUBBER. PROTECTIVE CUFF/GAUNTLET TYPE.

Eye Protection:CHEMICAL SPLASH GOGGLES W/FACE SHEILD.

Work Hygienic Practices:WASH WELL INCLUDING UNDER FINGERNAILS AFTER HANDLING PRODUCT.

Supplemental Safety and Health

NK

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

Boiling Pt:B.P. Text:>212F,>100C

Spec Gravity:1.2-1.25

pH:1-2

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR LIQU

ID, STRONG IRRITATING ODOR

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

Stability Indicator/Materials to Avoid:YES

MIX ONLY W/WATER. REACTS VIOLENTLY W/ALKALIES/METALS.MIXING

W/CHLORINATED DETERGENTS/SANITIZERS CAUSES HAZ VAPORS.

Stability Condition to Avoid:HEAT.

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

Waste Disposal Methods:CONSULT STATE & LOCAL AUTHORITIES FOR

RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE. UNUSED PRODUCT AS WASTE

IS CORROSIVE #D002 BY RCRA CRITERIA

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