

ECOLAB INC., INSTITUTIONAL PRODUCTS DIVISION -- INSTITUTIONAL SCRUB FREE --  
7930-01-224-3159

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

Product ID:INSTITUTIONAL SCRUB FREE

MSDS Date:02/18/1994

FSC:7930

NIIN:01-224-3159

MSDS Number: BZSXJ

=== Responsible Party ===

Company Name:ECOLAB INC., INSTITUTIONAL PRODUCTS DIVISION

Address:370 WABASHA STREET

City:ST. PAUL

State:MN

ZIP:55102-1307

Country:US

Info Phon

e Num:612-293-2233

Emergency Phone Num:800-328-0026

CAGE:DO852

=== Contractor Identification ===

Company Name:ECOLAB INC., INSTITUTIONAL PRODUCTS DIVISION

Address:370 WABASHA STREET

City:ST. PAUL

State:MN

ZIP:55102-1307

Country:US

Phone:612-293-2233

CAGE:DO852

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 =====

Ing

red Name:PHOSPHORIC ACID (SARA 313) (CERCLA)

CAS:7664-38-2

RTECS #:TB6300000

Fraction by Wt: 15.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3/3 STEL 3

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:THIS PRODUCT CONTAINS NO OTHER COMPONENTS CONSIDERED  
HAZARDOUS ACCORDING TO THE CRITERIA OF 29 CFR 1910.1200.

Fraction by Wt: NA

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT RELEVANT

ACGIH TLV:NOT RELEVANT

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EFFECTS OF OVEREXPOSURE: SKIN/EYES:

CAN CAUSE SEVERE IRRITATION. POSSIBLE CHEMICAL BURNS. HARMFUL IF  
SWALLOWED. CAN CAUSE CHEMICAL BURNS OF MOUTH, THROAT, STOMACH. IF  
INHALED, VAPORS CAUSE IRRITATION INCLUDING BURNING TASTE,  
SNEEZING, COUGHING, DIFFICULTY BREATHING.

Effects of Overexposure:NK \*CALL A POISON CONTROL CENTE

R OR DR OR

THE ECOLAB 24 HOUR MEDICAL EMERGENCY NUMBER: 1-800-328-0026.

Medical Cond Aggravated by Exposure:PEOPLE W/ASTHMA OR OTHER LUNG  
PROBLEMS MAY BE MORE AFFECTED.

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===== First Aid Measures =====  
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First Aid:EYES: IMMED FLUSH W/LOTS COOL RUNNING WATER. REMOVE CONTACTS,  
KEEP FLUSHING >15 MIN HOLDING LIDS APART TO ENSURE RINSING OF  
ENTIRE EYE. CALL DR IMMED. SKIN: IMMED FLUSH W/COOL RUNNING WATER  
>15. REMOVE CONTAM CLOTHES/SHOES, WASH

BEFORE REUSE. INGEST: RINSE

MOUTH AT ONCE, HAVE 1-2 LARGE GLASSES WATER/MILK. DON'T INDUCE  
VOMITING. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS.\*

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===== Fire Fighting Measures =====  
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Extinguishing Media:PRODUCT DOES NOT SUPPORT COMBUSTION

Unusual Fire/Explosion Hazard:NONE

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===== Accidental Release Measures =====  
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Spill Release Procedures:RINSE SMALL AMOUNTS TO DRAIN WHERE POSSIBLE.  
DIKE OR DAM LARGE SPILLS. PUMP TO CONTA

INERS OR SOAK UP ON INERT

ABSORBENT. FLUSH RESIDUE TO SANITARY SEWER. RINSE AREA THOROUGHLY.

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Handling and Storage  
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Handling and Storage Precautions:USE SOLUTION PH = 2.0-3.0 @ 10%

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Exposure Controls/Personal Protection  
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Respiratory Protection:CONCENTRATE: AVOID BREATHING MISTS OR VAPORS OF THIS PRODUCT.

Protective Gloves:RUBBER. PROTECT CUFF/GAUNTLET PREFERRED.

Eye Protection:USE CHEMICAL SPLASH GOGGLES\*\*

Other

Protective Equipment:\*\*FOR CONTINUED OR SEVERE EXPOSURE, WEAR FACE SHIELD OVER THE GOGGLES.

Supplemental Safety and Health

AVOID CONTACT W/USE SOLUTIONS. THESE MAY ALSO BE HAZARDOUS.

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Physical/Chemical Properties  
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Boiling Pt:B.P. Text:212F,100C

Spec Gravity:1.125-1.135

pH:1.0+

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR BLUE LIQUID, FRESH FRUITY SCENT

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Stability and Reactivity Data  
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Stability Indicator/

Materials to Avoid:YES

CAN REACT VIOLENTLY W/ALKALINE MAT'LS/METALS. DON'T MIX W/CHLORINATED DETERGENTS/SANITIZERS - WILL CAUSE HAZARDOUS VAPOR

Stability Condition to Avoid:MIX ONLY W/WATER.

Hazardous Decomposition Products:NO

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Disposal Considerations  
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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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