

ECOLAB INC; INSTITUTIONAL DIVISION -- OASIS MIKR0KLENE -- 7930-01-398-0958

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

Product ID:OASIS MIKR0KLENE

MSDS Date:05/18/1994

FSC:7930

NIIN:01-398-0958

MSDS Number: BXBXR

=== 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:800-328-002

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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

===== Composition/Information on Ingredients =====

Ingred Name:COMPLEXED IODINE

CAS:7553-56-2

RTECS #:NN1575000

Fraction by Wt:

1.75%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3 (CEILING)
ACGIH TLV:STEL 3 MG/M3

Ingred Name:PHOSPHORIC ACID (SARA 313) (CERCLA)
CAS:7664-38-2
RTECS #:TB6300000
Fraction by Wt: 6.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3;STEL 3 MG/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:2-BUTOXYETHANOL (SARA 313)
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: 2%
Other REC Limits:121 MG/M3
OSHA PEL:240 MG/M3

Ingred Name:THIS PRODUCT CONTAINS NO OTHER COM
PONENTS CONSIDERED
HAZARDOUS ACCORDING TO THE CRITERIA OF 29 CFR 1910.1200.
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EYES: CAUSES DAMAGE. SKIN: MAY CAUSE
IRRITATION. IF SWALLOWED: HARMFUL, CAUSES IRRITATION, STOMACH
DISTRESS, NAUSEA. IF INHALED: VAPORS OR MIST CAUSE IRRITATION,
INCLUDING A BURNING TASTE, SNEEZING, COUGHING AND
DIFFICULT
BREATHING. PEOPLE WITH ASTHMA OR OTHER LUNG PROBLEMS MAY BE MORE
SUSCEPTIBLE.
Medical Cond Aggravated by Exposure:PEOPLE WITH ASTHMA OR OTHER LUNG
PROBLEMS MAY BE MORE SUSCEPTIBLE.

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

First Aid:IMMED CALL POISON CTR/DR OR ECOLAB. EYE:FLUSH IMMED W/COOL
RUNNING WATER. REMOVE CONTACT LENSES. HOLD EYELID APART, CONTINUE
FLUSHING 15 MIN. SKIN:FLUSH SKIN WITH PLENTY OF COOL RUNNING WATER.
WASH THOROUGHLY

GHLY W/SOAP & WATER. IF SWALLOWED:RINSE MOUTH; THEN
DRINK 1-2 LARGE GLASSES OF WATER. DO NOT INDUCE VOMITING. NEVER
GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF INHALED:MOVE TO
FRESH AIR.

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

Extinguishing Media:* 2.0 (0.5%) 2.4-2.8)

Fire Fighting Procedures:PRODUCT DOES NOT SUPPORT COMBUSTION

Unusual Fire/Explosion Hazard:NONE

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

Spill Release

Procedures:USE PROPER PROTECTIVE EQUIPMENT. DIKE OR DAM

LARGE SPILLS. PUMP TO CONTAINERS OR SOAK UP ON INERT ABSORBENT.

FLUSH RESIDUE TO SANITARY SEWER.

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

Handling and Storage Precautions:KEEP OUT OF REACH OF CHILDREN.

Other Precautions:AVOID CONTAMINATION OF FOOD OR FOOD PRODUCTS. DO NOT
STORE WITH FOOD PRODUCTS.

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

Protective Gloves:RUBBER GLOVES,PR

OTECT CUFF/GAUNTLET TYPE

Eye Protection:CHEM SPLASH GOGGLES IF USING CONCENTRATE

Other Protective Equipment:DO NOT USE IN WATER ABOVE 100F. DO NOT STORE
WITH FOOD PRODUCTS. IODINE VAPORS CAN BE GENERATED.

Supplemental Safety and Health

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

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

Spec Gravity:1.07-1.09

pH:1.5- *

Solubility in Water:COMPLETE

Appearance and Odor:DARK REDDISH BROWN LIQUID, FAINT IODINE ODOR

===== Stability

and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES
DO NOT MIX WITH ANYTHING BUT WATER.
Stability Condition to Avoid: STABLE UNDER NORMAL CONDITIONS OF HANDLING.

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

Waste Disposal Methods: CONSULT STATE AND LOCAL AUTHORITIES FOR RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE. RINSE EMPTY CONTAINER THOROUGHLY WITH WATER BEFORE DISCARDING. UNUSED PRODUCT AS A WASTE IS CORROSIVE (D002) BY RC RA CRITERIA.

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