

ECOLAB INC ECOLAB CENTER -- MIKRO-QUAY(QUATERNARY DETERGENT DISINFECTANT) --  
6840-00-201-2505

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

Product ID:MIKRO-QUAY(QUATERNARY DETERGENT DISINFECTANT)

MSDS Date:04/05/1995

FSC:6840

NIIN:00-201-2505

MSDS Number: BDJKC

=== Responsible Party ===

Company Name:ECOLAB INC ECOLAB CENTER

Address:370 WABASHA ST

City:SAINT PAUL

State:MN

ZIP:55102-1307

Country:US

Info Phon

e Num:800-352-5326

Emergency Phone Num:800-328-0026 612-292-4064

CAGE:85884

=== Contractor Identification ===

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

Company Name:EHRlich J C CHEMICAL CO INC

Address:500 SPRING RIDGE DR

Box:City:READING

State:PA

ZIP:19612-3848

Country:US

Phone:610-372-9700/FAX: 610-378-9744

CAGE:8C885

===== Composition/Information on Ingredients

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Ingred Name:ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDES  
CAS:68424-85-1  
RTECS #:UZ2995000  
Fraction by Wt: 9.4%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHANOLAMINE  
CAS:141-43-5  
RTECS #:KJ5775000  
Fraction by Wt: 2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:3 PPM  
ACGIH TLV:3 PPM/6 STEL; 9495

Ingred Name:NON-HAZARDOUS INGREDIENTS  
Fraction by Wt: BALANCE  
Other REC Limits:NONE RECOMMENDED

===== 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: EYES: MAY CAUSE SEVERE IRRITATION OR BURNS. SKIN: MAY CAUSE SEVERE IRRITATION OR BURNS. INGEST: MAY CAUSE GI TRACT BURNS. INHAL: MAY CAUSE RESPIRATORY IRRITATION.  
Explanation of Carcinogenicity: THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP, IARC OR OSHA.  
Effects of Overexposure: INGEST: BURNS OF THE MOUTH, THROAT AND STOMACH. INHAL: BURNING TASTE, SNEEZING, COUGHING, DIFFICULT BREATHING.  
Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING RESPIRATORY AILMENTS (EG. ASTHMA) MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid: SKIN: REMOVE CONTAMINATED CLOTHING; WASH WITH COOL WATER. EYES: FLUSH WITH COOL WATER FOR 15 MINUTES; REMOVE CONTACT LENSES. CALL PHYSICIAN. INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. INGEST: DO NOT

OT INDUCE VOMITING.GET

PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,RINSE MOUTH;GIVE 1-2 GLASSES OF WATER.MEDICAL EMERGENCY 1-800-328-0026.

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

Flash Point:NONE

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:DIKE OR DAM LARGE SPILLS.PUMP TO CONTAINERS OR SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIAL IN AN APPROPRIATE CONTAINER FOR DISPOSAL;FLUSH RESIDUE TO SANITARY SEWER.

Neutralizing Agent:NOT REPORTED.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other

Precautions:MIX ONLY WITH WATER.AVOID SKIN AND EYE CONTACT.DO NOT INHALE VAPORS/MISTS.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR AREA OF CONCERN.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:RUBBER,CUFF OR GAUNTLET TYPE.

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health  
NONE

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

HCC:B3

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

Spec Gravity:1.005-1.015

pH:11.9

Solubility in Water:COMPLETE

Appearance and Odor:LIQU

ID;DARK RED.ODOR NOT REPORTED.

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

Stability Indicator/Materials to Avoid:YES

DO NOT MIX WITH ANYTHING OTHER THAN WATER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND  
LOCAL REGULATIONS.RINSE EMPTY CONTAINER WITH WATER BEFORE  
DISCARDING.

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