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MICRO CARE CHEMICAL CORP -- MICRO FREEZE CIRCUIT COOLER; MCC-FRZ -- 6850-01-409-2602

Product ID:MICRO FREEZE CIRCUIT COOLER; MCC-FRZ

MSDS Date:02/06/1995

FSC:6850

NIIN:01-409-2602

MSDS Number: BXYHH === Responsible Party ===

Company Name: MICRO CARE CHEMICAL CORP

Address:34 RONZO RD

City:BRISTOL State:CT ZIP:06010 Country:US

Info Phone Num:203-585-7912

Emergency P

hone Num:203-585-7912

CAGE:0ATV9

=== Contractor Identification ===

Company Name: MCKEOWN ROBERT CO. INC.

Address:111 CHAMBERS BROOK RD.

Box:City:SOMERVILLE

State:NJ ZIP:08876 Country:US

Phone:908-218-9000

Contract Num:SP0414-00-M-2107

CAGE:7B953

Company Name: MICRO CARE CHEMICAL CORPORATION

Address:34 RONZO ROAD

Box:City:BRISTOL

State:CT ZIP:06010 Country:US

Phone:860-585-7912

CAGE:0ATV9

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

Ingred Name: TETRAFLUOROETHANE

CAS:811-97

Fraction by Wt: 100%

Other REC Limits: NONE RECOMMENDED

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

LD50 LC50 Mixture: NOT GIVEN FOR PRODUCT

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION OF HIGH CONCENTRATIONS OF VAPOR IS HARMFUL & MAY CAUSE HEART IRREGULARITIES, UNCONSCIOUSNESS OR DEATH. INTENTIONAL MISUSE OR DELIBERATE INHALATION MAY CAUSE DEATH WIT

HOUT WARNING. VAPOR RED UCES OXYGEN FOR BREATHING AND IS HEAVIER THAN AIR. LIQUID CONTACT MAY CAUSE FROSTBITE. WILL IRRITATE EYES.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:ALTERATION OF HEARTS ELECTRICAL ACTIVITY WITH IRREGULAR PULSE, PALPITATION OR INADEQUATE CIRCULATION. UNCONSCIOUSNESS, DEATH, FROSTBITE, EYE IRRITATION.

Medical Cond Aggr

avated by Exposure:INDIVIDUALS WITH PREEXISTING
DISEASE OF THE CNS OR CARDIOVASCULAR SYSTEM MAY HAVE INCREASED
SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RE

STORE BREATHING. GET

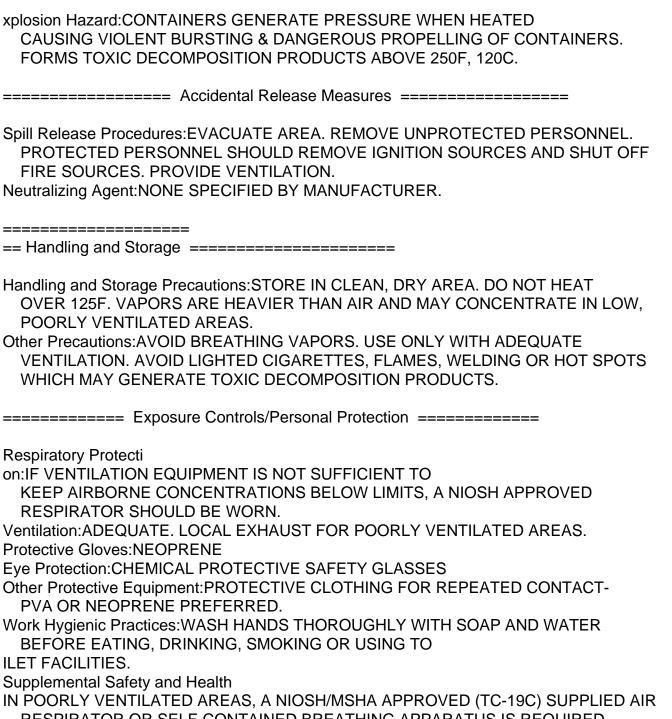
MEDICAL ATTENTION. INGESTION: NOT CONSIDERED A POTENTIAL ROUTE OF EXPOSURE.

Flash Point:NONFLAMMABLE Lower Limits:NOT GIVEN Upper Limits:NOT GIVEN

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL OR WATER.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH WATER SPRAY.

Unusual Fire/E



RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS IS REQUIRED.

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

HCC:V2

Boiling Pt:=-26.7C, -16.F

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:96 PSIA Vapor Density:3.18 Spec Gravity:1.21

Evaporation Rate & Evaporation R

Solubility in Water:SLIGHT

Appearance and Odor: CLEAR WITH SLIGHT ETHER

AL ODOR
Percent Volatiles by Volume:100 %

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS & ALKALIS, REACTIVE METALS, STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:MATERIAL IS STABLE. HOWEVER, AVOID OPEN
FLAMES AND HIGH TEMPERATURES. HEAT WILL DECOMPOSE ABOVE 250F, 120C.
Hazardous Decomposition Products:HYDROCHLORIC AND HYDROFLUORIC ACIDS
AND CARBONYL HALIDES SUCH AS PHOSGENE.

| posal Considerations | |
|----------------------|--|

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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