

MICRO CARE CHEMICAL CORP -- MCC-PC2 PRECISION CLEANER II -- 6850-01-411-7394

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Product Identification
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Product ID:MCC-PC2 PRECISION CLEANER II

MSDS Date:12/22/1993

FSC:6850

NIIN:01-411-7394

MSDS Number: BYFPL

=== 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 Phone Num:203-58

5-7912

CAGE:0ATV9

=== Contractor Identification ===

Company Name:ELECTRONIC MAINTENANCE SUPPLY CO,DIV OF(DBA:SUN STATE)

Box:UNKNOW

City:ORLANDO

State:FL

Country:US

Phone:407-327-8000

CAGE:1CW50

Company Name:HUNTER D H ENTERPRISES INC

Address:2801 NW 55TH CT

Box:City:FORT LAUDERDALE

State:FL

ZIP:33309

Country:US

Phone:954-484-1401

CAGE:0BKD5

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

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= Composition/Information on Ingredients =====

Ingred Name:1,1,1,2-TETRAFLUOROETHANE

CAS:811-97-2

Fraction by Wt: 30%

Other REC Limits:NONE RECOMMENDED

Ingred Name:1,1-DICHLORO-1-FLUOROETHANE (SARA 313)

CAS:1717-00-6

RTECS #:KI0997000

Fraction by Wt: 45.5%

Other REC Limits:NONE RECOMMENDED

Ozone Depleting Chemical:2

Ingred Name:PERFLUORO COMPOUNDS, C5-18

CAS:86508-42-1

Fraction by Wt: 21%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PENTANE

CAS:109-66-0

RTECS #:RZ9450000

Fraction

by Wt: 03.5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:600 PPM/750STEL;9596

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

LD50 LC50 Mixture:TLV: 1000 PPM (ACGIH)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALATION-AT HIGH LEVELS,

INTOXICATION, CNS DEPRESSION & CARDIAC ARRHYTHMIA. ORAL-MAY CAUSE DISCOMFORT. SKIN-PROLONGED OR REPEATED SKIN CONTACT

IT CAN CAUSE

IRRITATION, DEFATTING OF SKIN, & DERMATITIS. E YES-LIQUID CONTACT WILL IRRITATE EYES &MAY CAUSE CONJUNCTIVITIS. VAPOR CONTACT-MILD IRRITANT.

Explanation of Carcinogenicity:THE COMPONENTS OF GENERAL PURPOSE

ELECTRONIC CLEANER ARE NOT LISTED AS CARCINOGENS BY NTP, IARC OR OSHA.

Effects of Overexposure:INHALATION-DIZZINESS, DROWSINESS, "HEAVINESS".

AT LOW CONCENTRATION LEVELS: DROWSINESS, FLUSHING, HEADACHE, DIZZINESS AND NAUSEA.

Medical Cond Aggravated by Ex

posure:INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE LIVER, RETINA, CENTRAL NERVOUS SYSTEM, GENERAL INTESTINAL TRACT OR REPRODUCTIVE ORGANS MAY HAVE SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURE.

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

First Aid:INHALATION-REMOVE TO FRESH AIR. DO NOT GIVE EPINEPHRINE. GIVE ARTIFICIAL RESPIRATION IF NEEDED. CALL PHYSICIAN. EYE/ SKIN-PERSONS WITH CONTACT LENSES SHOULD WEAR CHEMICAL PROTECTIVE SAFETY GLASSES

WHE N USING THIS PRODUCT. FLUSH WITH WATER FOR 15 MIN, IF IRRITATION PERSISTS CALL PHYSICIAN. INGESTION-IF CONSCIOUS, GIVE 2-4 GLASSES OF WATER & INDUCE VOMITING BY TOUCHING FINGER TO BACK OF THROAT.

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

Flash Point:NON FLAMMABLE

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL OR WATER.

Fire Fighting Procedures:KEEP CONTAINERS COOL WITH WATER SPRAY. WEAR SELF CONTAINED NIOSH APPROVED BREATHING APPARATUS.

Unu

sual Fire/Explosion Hazard:CONTAINERS GENERATE PRESSURE WHEN HEATED CAUSING VIOLENT BURSTING & DANGEROUS PROPELLING OF CONTAINER. FORMS TOXIC DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:THE CHANCES OF A SIGNIFICANT SPILL/LEAK IS UNLIKELY IN AEROSOL CONTAINERS. IN THE EVENT, EVACUASTE AREA, ABSORB SPILLED LIQUID WITH COMMERCIAL, NON-FLAMMABLE ABSORBENT. REMOVE UNPROTECTIVE PERSON & IGN ITION SOURCES. SHO VEL MATERIAL INTO DRUMS & CLOSE.

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

Handling and Storage Precautions:AVOID BREATHING VAPORS. AVOID LIGHTED CIGARETTES, FLAME, WELDING OR HOT SPOTS WHICH MAY GENERATE TOXIC DECOMPOSITION PRODUCTS.

Other Precautions:VAPORS ARE HEAVY AND MAY CONCENTRATE IN LOW POORLY VENTILATED ARES.

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

Respiratory Protection:NONE REQUIRED IN VENTILATED WORK ARES. ABO

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1000 PPM, USE SELF-CONTAINED BREATHING APPARATUS.

Ventilation: VENTILATION: ADEQUATE. LOCAL EXHAUST: FOR SMALL WORK AREAS.
MECHANICAL: ADEQUATE FOR STORAGE.

Protective Gloves: NEOPRENE GLOVES

Eye Protection: CHEMICAL PROTECTIVE SAFETY GLASSES

Other Protective Equipment: PROTECTIVE CLOTHING FOR REPEATED CONTACT.
PVC OR NEOPRENE PREFERRED.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING, DRINKING OR SMOKING.

Supplemental Safety and Health
NONE

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

HCC: V2

Decomp Temp: =250.C, 482.F

Vapor Pres: 1862

Vapor Density: >1

Evaporation Rate & Reference: >1 (ETHER=1)

Solubility in Water: SLIGHT

Appearance and Odor: COLORLESS LIQUID WITH ETHEREAL AND FAINT, SWEET
ODOR.

Percent Volatiles by Volume: 10

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

Stability Indicator/Materials to Avoid: YES

STRONG ALKALIDES, OXIDIZERS, ALUMINUM, AND OTHER HOT REACTIVE METALS.

Stability Con

dition to Avoid: HEAT WILL DECOMPOSE ABOVE 250 DEGREES F.

Hazardous Decomposition Products: HYDROCHLORIC AND HYDROFLUORIC ACIDS,
CARBONYL HALIDES SUCH AS PHOSGENE.

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

Waste Disposal Methods: COMPLY WITH FEDERAL, STATE AND LOCAL
REGULATIONS. CONSULT APPROPRIATE REGULATORY AGENCY PRIOR TO DISPOSAL
OR DISCHARGE OF WASTE MATERIAL.

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