

DEF-TEC CORPORATION -- MACE, CHEMICAL MACE -- 1365-01-168-3693
===== Product Identification =====

Product ID:MACE, CHEMICAL MACE
MSDS Date:01/18/1988
FSC:1365
NIIN:01-168-3693
MSDS Number: BHBDP
=== Responsible Party ===
Company Name:DEF-TEC CORPORATION
Address:2399 FORMAN ROAD
City:ROCK CREEK
State:OH
ZIP:44084
Info Phone Num:(216) 563-3660
Emergency Phone Num:(216) 563-3660
CAGE:0DH21
=== Contr
actor Identification ===
Company Name:DEF-TEC CORPORATION
Address:2399 FORMAN ROAD
Box:City:ROCK CREEK
State:OH
ZIP:44084
Phone:(216) 563-3660
CAGE:0DH21

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

Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA
III)
CAS:76-13-1
RTECS #:KJ4000000
Other REC Limits:1000 PPM
OSHA PEL:1000PPM/1250STEL
ACGIH TLV:1000PPM/1250STEL9192
Ozone Depleting Chemical:1

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (S

ARA III)
CAS:71-55-6
RTECS #:KJ2975000
Other REC Limits:350 PPM (CL)
OSHA PEL:350 PPM/450 STEL
ACGIH TLV:350 PPM/450STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

Ingred Name:KEROSENE
CAS:8008-20-6
RTECS #:OA5500000
Other REC Limits:100 MG/CUM

Ingred Name:A-CHLOROACETOPHENONE (PHENACYL CHLORIDE) (SARA III)
CAS:532-27-4
RTECS #:AM6300000
Other REC Limits:0.05 PPM
OSHA PEL:0.05 PPM
ACGIH TLV:0.05 PPM; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:CARBON DIO
XIDE
CAS:124-38-9
RTECS #:FF6400000
Other REC Limits:10000 PPM
OSHA PEL:5000 PPM
ACGIH TLV:5000PPM/30000STEL;93

===== 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:ANOXIA, IF LARGE QUANTITIES DISPLACE
AIR.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:ANOXIA, IF LARGE QUANTITIES DISPLACE AIR.
Medical Cond Aggravated by

Exposure:DERMATITIS.

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

First Aid:OXYGEN FOR INHALATION OF LARGE QUANTITIES. FOR EXPOSED TISSUE, WASH W/LARGE QUANTITIES OF WATER & LEAVE OPEN TO VENTILATE. INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH W/COPIOUS AMOUNTS OF WATER. SKIN : WASH W/SOAP & WATER. INGESTION: CONTACT PHYSICIAN.

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

Flash Point:NONFLAMMABLE
Fire Fighting Procedures:WEAR SCBA.

Unusual Fire/Explosion Hazard:CAN DECOMPOSE AT HIGH TEMPERATURES. TO YIELD HYDROFLOURIC & HYDROCHLORIC ACIDS. PRESSURIZED CANISTER.

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

Spill Release Procedures:ALLOW TO EVAPORATE W/VENTILATION. WASH AREA W/ALKALINE DETERGENTS.

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

Handling and Storage Precautions:NORMAL SAFE HANDLING PRACTICES. DON'T STORE WHERE TEMPERATURE MAY EXCEED 120F.

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

Respiratory Protection:SELF-CONTAINED OXYGEN FOR LARGE SPILLS.
Ventilation:LOCAL EXHAUST/MECHANICAL: ACCEPTABLE
Protective Gloves:YES
Eye Protection:GOGGLES
Other Protective Equipment:IRRITANT AGENT GAS MASK W/PROTECTIVE CLOTHING.
Supplemental Safety and Health

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

Boiling Pt:B.P. Text:120F
Vapor Density:>1
Spec Gravity:1.4
Appearance and Odor:COLORLESS LIQUID/IRRITAT

ING.

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

Stability Indicator/Materials to Avoid: YES

AMINES & ALKALINE MATERIALS WILL NEUTRALIZE CHLOROACETOPHENONE.

Hazardous Decomposition Products: HYDROFLUORIC & HYDROCHLORIC ACIDS.

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

Waste Disposal Methods: INCINERATE W/AN AFTERBURNER & SCRUBBER. STATE & LOCAL LAWS TAKE PRECEDENCE.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.