

DICHLORODIFLUOROMETHANE

MSDS Number

BFVQF

National Stock Number

6830-00-902-2430

Product Name

DICHLORODIFLUOROMETHANE

Manufacturer

CHEMTRONICS INC

Product Identification

Product ID: DICHLORODIFLUOROMETHANE

MSDS Date: 09/18/1990

FSC: 6830

NIIN: 00-902-2430

MSDS Number: BFVQF

Responsible Party

CHEMTRONICS INC

8125 COBB CENTER ROAD

KENNESAW , GA 30144

US

Emergency Phone: 404-424-4888

Info Phone: 404-424-4888

Preparer: MICHAEL S. WATKINS

Cage: 2M589

Contractor

GC THORSEN

ROCKFORD, IL 61105

US

815-968-9661

Cage: 72653

Ingredients

DICHLORODIFLUOROMETHANE (SARA III)

CAS: 75-71-8

RTECS: PA8200000

Fraction By Weight: 100%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture: LC50 = 76 PPH /30M (MOUSE)

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

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

Health Hazards Acute and Chronic: VAPOR IS HEAVIER THAN AIR AND CAN

CAUSE SUFFOCATION BY REDUCING OXYGEN AVAILABLE FOR BREATHING. REPEATED LIQUID CONTACT CAN CAUSE DEFATTING OF THE SKIN. LIQUID CONTACT ON EYE/SKIN CAN CAUSE FROSTBITE. RATS WERE FED WITH PRODUCT DISSOLVED IN PEANUT OIL. NO DEATHS OCCURED AT HIGHEST FEASIBLE DOSE OF 1000 MG/KG.
Effects of Overexposure:EYE:POSSIBLE FROSTBITE, SKIN:POSSIBLE FROSTBITE. INHAL:DIZZINESS,SHORTNESS OF BREATH,NARCOSIS,CARDIAC ARRHYTHMIAS.
Medical Cond Aggravated by Exposure:NONE

First Aid

First Aid:EYES: FLUSH WITH WATER. SKIN: FLUSH WITH WATER. INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN OR CPR AS NEEDED. CALL A PHYSICIAN.

Fire Fighting

Flash Point:NON FLAMMABLE
Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:AEROSOL CANS MAY EXPLODE AT TEMPERATURES OVER 120F. PRODUCT FORMS TOXIC FUMES AT FIRE TEMPERATURES.

Accidental Release

Spill Release Procedures:SPILLED LIQUID WILL VERY RAPIDLY EVAPORATE. VENTILATE THE AREA, ESPECIALLY LOW AREAS WHERE VAPORS CAN ACCUMULATE.
Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:DO NOT STORE WHERE TEMP EXCEEDS 120F. DO NOT USE IN THE PRESENCES OF OPEN FLAME,HEATING ELEMENTS OR HOT OBJECTS OVER 400F.

Exposure Controls

Respiratory Protection:NONE SHOULD BE NEEDED
Ventilation:PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN Protective Gloves:NOT NORMALLY REQUIRED.
Eye Protection:SAFETY GLASSES OR GOGGLES
Other Protective Equipment:WEAR IMPERVIOUS CLOTHING/BOOTS.
Work Hygienic Practices:DO NOT EAT,DRINK OR SMOKE WHERE VAPORS ARE PRESENT.
Supplemental Safety and Health

Chemical Properties

HCC:G3
Boiling Pt:=-29.8C, -21.6F
B.P. Text:-21.6F
Vapor Pres:80 PSIG
Vapor Density:4.2
Spec Gravity:1.31
Evaporation Rate & Reference:> BUTYL ACETATE
Solubility in Water:0.03 WT%
Appearance and Odor:COLORLESS LIQUIFIED GAS, SLIGHT ETHEREAL ODOR.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
ALKALI AND ALKALINE EARTH METALS, ALUMINUM AND ZINC.
Stability Condition to Avoid:HIGH TEMPERATURES - OVER 120F
Hazardous Decomposition Products:HYDROCHLORIC, HYDROFLUORIC ACIDS AND CARBONYL HALIDES
Conditions to Avoid Polymerization:AVOID SPRAYING NEAR OPEN FLAMES OR RED HOT SURFACES. DO NOT HEAT AEROSOL CONTAINERS ABOVE 120F/49C.

Disposal

Waste Disposal Methods:DO NOT PUNCTURE OR INCINERATE AEROSOL CANS.

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