

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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