

MATHESON CO DIV OF G D SEARLE MEDICAL PRODUCTS -- CHLORODIFLUOROMETHANE --
6830-00-935-9896

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===== Product Identification =====

Product ID:CHLORODIFLUOROMETHANE

MSDS Date:10/01/1985

FSC:6830

NIIN:00-935-9896

MSDS Number: BJFDZ

==== Responsible Party ====

Company Name:MATHESON CO DIV OF G D SEARLE MEDICAL PRODUCTS

Address:932 PATERSON PLANK RD

Box:85

City:EAST RUTHERFORD

State:NJ

ZIP:07073-2130

Count

ry:US

Info Phone Num:201-933-2400

Emergency Phone Num:201-933-2400

CAGE:96355

==== Contractor Identification ====

Company Name:MATHESON CO DIV OF G D SEARLE MEDICAL PRODUCTS

Address:30 SEAVIEW DRIVE

Box:City:SCAUCUS

State:NJ

ZIP:07096

Country:US

Phone:201-867-4100

CAGE:96355

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

Ingred Name:CHLORODIFLUOROMETHANE

CAS:75-45-6

RTECS #:PA6390000

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000PPM; 9192

Ozone Depleting C

hemical:2

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-EYES/SKIN:MAY CAUSE FROSTBITE.
INHALATION:CAN EFFECT THE CENTRAL NERVOUS SYSTEM. BREATHING HIGHER
CONCENTRATIONS MAY CAUSE UNCONSCIOUSNESS, IRREGULAR HEARTBEAT OR
CARDIAC ARREST. CHRONIC-NONE.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODU
CT IS
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:INHALATION: LIGHTHEADEDNESS, GIDDINESS, LOSS OF
COORDINATION, SHORTNESS OF BREATH, UNCONSCIOUSNESS & DEATH.
Medical Cond Aggravated by Exposure:NONE

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

First Aid:EYE/SKIN:IMMEDIATELY FLUSH WITH LUKEWARM WATER FOR 20
MINUTES. SEE DOCTOR. INHALATION:REMOVE TO FRESH AIR. IF NOT
BREATHING GIVE CPR. IF HARD TO BREATH, GIVE OXYGEN. SEE DOCTOR

IMMEDIATELY.

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

Flash Point:NONE
Extinguishing Media:USE EXTINGUISHING AGENTS APPROPRIATE FOR SOURCE OF
FIRE.
Fire Fighting Procedures:FIRE FIGHTERS MUST WEAR SPECIAL PERSONAL
PROTECTIVE SUITS FOR FIRE/CHEMICAL & POSITIVE PRESSURE SCBA.
FIREFIGHTERS' TURNOUT GEAR IS INADEQUATE.
Unusual Fire/Explosion Hazard:CYLINDERS EXPOSED TO FIRE MAY RUPTURE
WITH VIOLENT FORCE. EXTINGUISH SURROUNDING FIRE. COOL CYLINDERS

WITH WATER SPRAY APPLIED FROM THE MAXIMUM DISTANCE.

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

Spill Release Procedures:RESTRICT ACCESS TO AREA. WEAR PERSONAL
PROTECTIVE EQUIPMENT. VENTILATE AREA. ALLOW GAS TO DISSIPATE INTO
THE ATMOSPHERE.

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

Handling and Storage Precautions:STORE-STORE & USE IN A DRY, WELL
VENTILATED AREA AWAY FROM SOURCES OF IGNITION/HEAT.
Other Precautions:NONE

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Exposure Controls/Personal Protection
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Respiratory Protection: IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation: MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves: NONE

Eye Protection: SAFETY GLASSES

Other Protective Equipment: SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE WORK CLOTHING AND

APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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Physical/Chemical Properties
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HCC: G3

Boiling Pt: B.P. Text: -41F, -41C

Melt/Freeze Pt: M.P/F.P Text: -256F, -160C

Vapor Pres: 123 PSIG

Vapor Density: 2.981

Spec Gravity: 1.194 (WATER=1)

Solubility in Water: 0.30% BY WEIGHT

Appearance and Od

or: COLORLESS, NONFLAMMABLE, NONTOXIC GAS.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid: YES

SODIUM, POTASSIUM, BARIUM, POWDERED MAGNESIUM, POWDERED ALUMINUM AND ORGANOMETALLICS.

Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products: HYDROGEN CHLORIDE, HYDROGEN FLUORIDE, CARBONYL FLUORIDE & PHOSGENE.

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Disposal Considerations
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Waste Di

sposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL REGULATIONS.

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