

GEBAUER CHEMICAL CO -- FLUORI-METHANE -- 6830-01-317-3387

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

Product ID:FLUORI-METHANE

MSDS Date:04/01/1990

FSC:6830

NIIN:01-317-3387

MSDS Number: CFRHN

=== Responsible Party ===

Company Name:GEBAUER CHEMICAL CO

Address:9410 ST CATHERINE AVE

City:CLEVELAND

State:OH

ZIP:44104-5526

Country:US

Info Phone Num:216-271-5252/800-321-9348

Emergency Phone Num:216-271-5252

P

reparer's Name:D. BADKIN

CAGE:23839

=== Contractor Identification ===

Company Name:GEBAUER CHEMICAL CO

Address:9410 ST CATHERINE AVE

Box:City:CLEVELAND

State:OH

ZIP:44104-5526

Country:US

Phone:216-271-5252

CAGE:23839

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

Ingred Name:DICHLORODIFLUOROMETHANE (SARA 313) (CERCLA)

CAS:75-71-8

RTECS #:PA8200000

Fraction by Wt: 15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9596

EPA Rpt Qty:5000 LBS

DOT Rpt

Qty:5000 LBS  
Ozone Depleting Chemical:1

Ingred Name:TRICHLOROFLUOROMETHANE (CFC-11) (SARA 313) (CERCLA)  
CAS:75-69-4  
RTECS #:PB6125000  
Fraction by Wt: 85%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:C 1000 PPM; 9596  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS  
Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinog  
enicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHAL:VAP HEAVIER THAN AIR,CAN CAUSE  
SUFFOCATION BY RED OXY AVAI FOR BREATH.BREATH HI VAP CONC MAY CAUSE  
LIGHT-HEADEDNESS,GIDDINESS,SHORTNESS OF BREATH,LEAD TO  
NARCOSIS,CARDIAC IRREG,UNCONSC,DEATH.SKI N:FROSTBITE,PROL LIQ  
CONTACT CAN CAUSE DEFATTING.LITTLE EVIDENCE OF ABSORPT THRU  
SKIN.EYE:FROSTBITE.INGEST:TOXICITY(SUP)  
Explanation of Carcinogenicity:PER MSDS:COMPDS IN MIX NOT CLASSIFIED AS  
CARC.BASED ON AN  
IMAL/HUMAN POSES NO HAZ RELATIVE TO SYS  
TOC,CARC,MUT,TERATO  
Effects of Overexposure:SUFFOCATION GY REDUCING OXYGEN AVAI FOR  
BREATHING.HI VAP CONCEN LIGHT-HEADEDNESS,GIDDINESS,SHORTNESS OF  
BREATH, NARCOSIS,CARDIAC IRREG,UNCONSC,DEATH.FROSTBITE,DEFATTING OF  
SKIN,INGEST-LOW TOXICITY.  
Medical Cond Aggravated by Exposure:SKIN DISEASES MAY BE ASGGRAVATED BY  
OVEREXPO.

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

First Aid:INHAL:REMOVE TO FRESH AIR.NOT BREAT

H GIVE ART RESP,PREFER

MOUHT-TO-MOUTH;DIFFI BREATH GIVE OXY.DONT GIVE EPINEPHRINE/SIMILAR DRUGS.THIS MAY ELICIT CARDIAC DYSRRHYTHMIAS.EYE:FLUSH W/PLENTY OF WATER FOR 15MIN.CALL DR.SKIN;FROSTBITE OCCUR FLOOD/SOAK FROZEN TISSUE IN TEPID WATER(105-115F).DONT USE HOT WATER.SEE DR IF NECESSARY.INGEST:NO SPEC INTERVENTION INDICATED-COMPO NOT LIKELY TO BE HAZ BY (SUPPL)

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

Flash Point Method:TOC

Flash Point:NON

E

Autoignition Temp:Autoignition Temp Text:N/DETR

Lower Limits:NON-FLAMM

Upper Limits:NON-FLAMM

Extinguishing Media:NON-FLAMMABLE

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS MAY BE REQUIRED IF CONTAINERS RUPTURE & CONTENTS ARE RELEASED UNDER FIRE CONDITIONS.

Unusual Fire/Explosion Hazard:CONTAINERS MAY RUPTURE UNDER FIRE CONDITIONS.DECOMPOSITION MAY OCCUR.

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

Spill Release Procedures:VENTILATE AREA, ALLOW TO EVAPORATE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:COOL,CLEAN,DRY AREA.DONT HEAT ABOVE 120F.

Other Precautions:1 4OZ BTL LIBERATED IN 3000FT3 IS APPROX 340PPM.

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

Respiratory Protection:NONE NEEDED UNDER NORMAL CONDITIONS.

Ventilation:LOC EXHAU FOR LARGE SPILLS.MECH(GEN) SHOULD BE USED IN LOW PLACES.

Pr

Protective Gloves: BUTYL GLOVES

Eye Protection: SAFETY GOGG OR GLASSES

Other Protective Equipment: SELF-CONTAINED BREATHING APPARATUS IS REQUIRED FOR LARGE SPILLS.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

HEALTH: LOW, BUT SHOULD BE AVOIDED. 1ST AID: INGEST. CONSULT DR IF NECESSARY. DONT INDUCE VOMIT AS HAZ OF ASPIRATING MATL INTO LUNGS GREATER THAN ALLOWING IT TO PROGRESS THRU INTESTINAL TRACT.

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

=====

HCC: V2

Boiling Pt: =2.2C, 36.F

Melt/Freeze Pt: M.P/F.P Text: NP

Decomp Temp: Decomp Text: NP

Vapor Pres: 10.4PSI@68F

Vapor Density: APPROX 4.7

Spec Gravity: 1.52 @34F

pH: NP

Viscosity: NP

Evaporation Rate & Reference: