

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

Preparer'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 Rp

t 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 Carcin
ogenicity: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:CMPS IN MIX NOT CLASSIFIED AS
CARC.BASED ON
ANIMAL/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 BRE

ATH 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:N

ONE

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,
ALLOOW 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.

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 ===
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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: