

GEBAUER CHEMICAL CO -- DICHLOROTETRAFLUOROETHANE N.F. -- 6505-00-576-8915

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Product Identification  
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Product ID: DICHLOROTETRAFLUOROETHANE N.F.

MSDS Date: 01/27/1986

FSC: 6505

NIIN: 00-576-8915

MSDS Number: BFFSR

=== 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

Emergency Phone

Num: 800-424-9300 CHEMTREC

Preparer's Name: DENISE BODKIN

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

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Composition/Information on Ingredients  
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Ingred Name: DICHLOROTETRAFLUOROETHANE

CAS: 1320-37-2

RTECS #: KI1100000

Fraction by Wt: 100%

Other REC Limits: NONE RECOMMENDED

ACGIH TLV: 1000 PPM (PER MFR)

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zards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE ASPHYXIATION. CONTACT MAY CAUSE FROSTBITE OF SKIN AND EYES. NO HEALTH EFFECTS GIVEN FOR INGESTION. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:DICHLOROTETRAFLUROETHANE IS NOT LISTED BY NTP OR IARC AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

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ects of Overexposure:INHALED: DROWSINESS, SHORTNESS OF BREATH, CARDIAC IRREGULARITIES, UNCONSCIOUSNESS, OR DEATH. EYES: PAIN, BLISTERS/BURNS, REDNESS. SKIN: REDNESS, BLISTERS; IF SEVERE SKIN TURNS WHITE THEN BLACK.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALED: REMOVE TO FESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED; GIVE OXYGEN IF BREATHING DIFFICULT. SEE D OCTOR.

DO NOT GIVE EPHINEPHRINE OR SIMILAR DRUGS-MAY INCREASE RISK OF ELICITING CARDIAC DYSRYTHMIAS. SKIN: FLUSH WITH WARM WATER (NOT HOT!) OR TOWELS DAMP WITH WARM WATER. GET IMMEDIATE MEDICAL ATTENTION. EYES: FLUSH WITH WARM WATER. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TOC

Flash Point:NONE

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND BUNKER GEAR.

Unusual Fire/Explosion Hazard:CONTENTS UNDER PRESSURE AND MAY EXPLODE UNDER FIRE CONDITIONS. DECOMPOSITION MAY OCCUR. DO NOT STORE ABOVE 130F.

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

Spill Release Procedures:PERSONNEL NOT WEARING RESPIRATORY PROTECTION SHOULD BE RETRICTED FROM AREA OF SPILL. VENTILATE SPILL AREA AND REMOVE ANY SOURCE OF OPEN FLAMES. ALLOW TO VAPORIZE.

Neutralizing Agent:NONE SPECIFIED BY M

ANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED PLACE. STORE BELOW 130F.

Other Precautions:WILL ATTACK SOME FORMS OF PLASTIC, RUBBER AND COATINGS. FEDERAL LAW PROHIBITS DISPENSING WITHOUT PRESCRIPTION.

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Exposure Controls/Personal Protection  
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Respiratory Protection:FOR FIRES AND SPILLS USE SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN PRESSURE

DEMAND OR OTHER POSITIVE PRESSURE MODE.

Ventilation:NORMAL VENTILATION. USE ONLY IN WELL-VENTILATED AREAS.

Protective Gloves:SPILLS-LINED BUTYL GLOVES

Eye Protection:SPILLS-SPLASH GOGGLES

Other Protective Equipment:NONE

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

MSDS DATED 1-27-86. VAPOR PRESSURE=1444MMHG.

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Physical/Chemical Properties  
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HCC:G3

Boiling Pt:=3.7C, 38.8F

Melt/Freeze Pt:=-94.C, -137.2F

Decomp Temp:=146.C, 294.8F

Vapor Pres:1444 MM HG

Vapor Density:5.9(AIR=1)

Spec Gravity:1.44 (WATER=1)

pH:7

Viscosity:0.38 CST @77F

Evaporation Rate & Reference:>1 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS LIQUID WITH SLIGHT ETHERAL ODOR

Percent Volatiles by Volume:100

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avo

id:YES

STRONG ALKALIS AND ALKALI METALS

Stability Condition to Avoid:AVOID OPEN FLAMES AND HIGH TEMPERATURES.

AVOID CONTACT WITH STRONG ALKALIS OR ALKALI METALS. DO NOT STORE ABOVE 130F.

Hazardous Decomposition Products:FORMS HYDROCHLORIC ACID, HYDROFLUORIC ACID, AND PHOSGENE

===== Disposal Considerations =====

Waste Disposal Methods:ALLOW SPILLED MATERIAL TO VAPORIZE IN A WELL-VENTIATED AREA. DO NOT PUNCTURE OR INCINERATE CANS. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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