

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

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

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

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

Ingred Name: DICHLOROTETRAFLUOROETHANE

CAS: 1320-37-2

RTECS #: KI1100000

Fraction by Wt: 100%

Other REC Limits: NONE RECOMMENDED

ACGIH TLV: 1000 PPM (PER MFR)

=====  
Haz

ards 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.

Effe

cts 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 DO CTOR.

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-CONTAIN ED 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 MA

NUFACTURER.

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

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.

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

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.

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

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

=====  
===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoi

d: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.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.