

BULK CHEM DIST, INC -- TRICHLOROTRIFLUOROETHANE,MIL-C-81302,TYPEII -- 6850-00-319-0834

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Product Identification
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Product ID:TRICHLOROTRIFLUOROETHANE,MIL-C-81302,TYPEII

MSDS Date:01/01/1987

FSC:6850

NIIN:00-319-0834

MSDS Number: BDWSG

=== Responsible Party ===

Company Name:BULK CHEM DIST, INC

Emergency Phone Num:504-362-3232

CAGE:LO255

=== Contractor Identification ===

Company Name:BULK C

HEM DIST, INC

CAGE:LO255

Company Name:BULK CHEMICALS DISTRIBUTORS,INC

Address:80 FIRST STREET

City:GRETNA,

State:LA

ZIP:70053

Country:US

Phone:504-362-3232 DISCONNECTED(2-20-92)

CAGE:56921

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Composition/Information on Ingredients
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Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA
III)

CAS:76-13-1

RTECS #:KJ4000000

Fraction by Wt: 100%

OSHA PEL:1000PPM/1250STEL

ACGIH TLV:1000PPM/1250STEL9192

Ozone Depleting Chemical:1

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Haza

rd Identification
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LD50 LC50 Mixture:HMIS-LD50, ORAL, RATS 43,000 MG/KG HMIS)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:(HMIS INFORMATION: EYES-MAY CAUSE

CONJUNCTIVITIS. SKIN-PROLONGED OR REPEATED CONTACT CAN CAUSE

IRRITATION, DEFATTING OF SKIN AND DERMATITIS. INHALATION-HIGH

LEVELS CAN CAUSE CENTRAL NERVOUS SYSTEM DEP RESSION, CARDIAC

ARRYTHMIA. AT LOW CONCENTRATIONS MAY CAUSE HEADACHE. INGESTION-LOW

TO

MODERATE TOXICITY. HMIS)

Effects of Overexposure:EXCITEMENT, INCOORD, TREMOR IN RATS. (HMIS INFORMATION: EYES-IRRITATION. SKIN-DEFATTING, DERMATITIS. INHALATION-DIZZINESS, DROWSINESS, "HEAVINESS", FLUSHING. AT HIGH LEVELS; INTOXICATION. INGESTION-MAY CAUSE DISCOMFORT. HMIS) Medical Cond Aggravated by Exposure:(HMIS INFORMATION-DISEASES OF THE LIVER, RETINA, CENTRAL NERVOUS SYSTEM. HMIS)

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

First Aid:REMOVE PATIENT TO FRESH AIR, GIVE MOUTH-TO-MOUTH RESUSCITATION IF NEC. (HMIS-INHALATION: REMOVE TO FRESH AIR. DO NOT GIVE EPINEPHRINE. EYES AND SKIN: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, CALL A PHYSICIAN. INGESTION: IF UNCONSCIOUS, GIVE 2-4 GLASSES OF WATER. CALL A PHYSICIAN IMMEDIATELY. HMIS)

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

Flash Point:NONE
Extinguishing Media:(HMIS NON-FLAMMABLE)
Fire Fighting Procedures:(HMIS-KEEP CONTAINERS COOL WITH WATER SPRAY. WEAR SELF-CONTAINED BREATHING APPARATUS. HMIS)
Unusual Fire/Explosion Hazard:(HMIS-FORMS TOXIC DECOMPOSITION PRODUCTS. HMIS)

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

Spill Release Procedures:EVACUATE AREA. ALLOW TO EVAPORATE. (HMIS-ABSORB SPILLED MATERIAL WITH AN INERT MATERIAL. REMOVE ALL IGNITION SOURCES. SHOVEL (SPARK PROOF) ABSORBENT MATERIAL INTO DRUMS AND CLOSE. PROVIDE VENTILATION. REMOVE UNPROTECTED PERSONNEL. HMIS)

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

Handling and Storage Precautions:EXCESS SKIN CONTACT CAN CAUSE DEFATTING OF SKIN. (HMIS- AVOID BREATHING VAPORS. AVOID LIGHTED CIGARETTES, FLAME WHICH MAY DECOMPOSE THE MATERIAL. HMIS)
Other Precautions:KEEP OUT OF REACH OF CHILDREN. (HMIS-PROTECT CONTAINERS FROM DAMAGE DURING STORAGE. PREVENT LEAKAGE OR SPILLAGE WHICH MAY RESULT IN OXYGEN DEPLETING BELOW LEVELS NECESSARY TO SUSTAIN LIFE. USE HALOCARBON DETECTOR INDICATOR)

OURS IN CONFINED SPACE.

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

Respiratory Protection:NOT REQ IN VENT AREA. (HMIS-ABOVE 1,000 PPM, USE SELF-CONTAINED BREATHING APPARATUS. HMIS)
Ventilation:MECH. (HMIS-USE ADEQUATE VENTILATION. LOCAL EXHAUST FOR SMALL WORK AREAS. HMIS)
Protective Gloves:RUBBER
Eye Protection:SAFETY GLASSES
Supplemental Safety and Health
TYPE II OF MIL SPEC. (HMIS-FREON 113 MAY DILUTE OR DISPLACE OXYGEN BELOW LEVELS NECESSARY TO SUSTAIN LIFE. HMIS)

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

HCC:N1
Boiling Pt:B.P. Text:118F/48C
Vapor Pres:285
Vapor Density:6.50
Spec Gravity:1.565
Evaporation Rate & Reference:1.69 (CARBON-TET=1
Solubility in Water:NEGLIGIBLE
Appearance and Odor:COLORLESS, ETHEREAL ODOR, W/O PROPELLANT
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:NO
(HMIS-STRONG ALKALIES, OXIDIZERS, ALUMINUM, AND OTHER HOT REACTIVE METALS. HMIS)
Stability Condition to Avoid:WILL DECOMP AT TEMPS ABOVE 250F TO YIELD HAOGENS & HALID
Hazardous Decomposition Products:(HMIS-HALOGENS, HALOGEN ACID, POSSIBLE PHOSGENE, CARBON DIOXIDE AND NITROGEN OXIDES. HMIS)

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

Waste Disposal Methods:PERMIT TO EVAPORATE IN AIR OR RECOVER BY REDISTILLATION.

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This info

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