

FREON TF

MSDS Number

BBDKS

National Stock Number

6850-00D000840

Product Name

FREON TF

Manufacturer

E I DUPONT DE NEMOURS AND COMPANY INC

Product Identification

Product ID:FREON TF
MSDS Date:01/01/1985
FSC:6850
NIIN:00D000840
MSDS Number: BBDKS

Responsible Party

E.I. DUPONT DE NEMOURS & COMPANY,INC
Emergency Phone: (302) 774-2421
Cage: 19898

Contractor

E.I. DUPONT DE NEMOURS & CO., INC.
1635
WILMINGTON, DE 19898
US
800-441-7515;800-441-9442
Cage: 19898

Ingredients

1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA
CAS: 76-13-1
RTECS: KJ4000000
Fraction By Weight: 100%
OSHA PEL1000PPM/1250STEL
ACGIH TLV: 1000PPM/1250STEL9192

Hazards

Effects of Overexposure:LT HEADEDNESS,GIDDINESS,SHORTNSS BREATH,POSSBLE
CARDIAC ARRHYTHMIAS AT HIGH CONCENTRATION

First Aid

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O*2 IF
NEED;EYES/SKIN:FLUSH W LG AMTS H*2O FOR 15 MIN;INGEST:RINSE MOUTH;
GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER
SYMPTOMS OF OVEREXPOSURE. DO NOT GIVE EPINEPHRINE OR SIMILAR
DRUGS.

Fire Fighting

Flash Point:NONE
Lower Limits:NONE

Upper Limits:NONE
Extinguishing Media:CO*2, FOAM, DRY CHEM.(PER MFR,NON-FLAMMABLE)
Fire Fighting Procedures:NONE KNOWN
Unusual Fire/Explosion Hazard:NONE

Accidental Release

Spill Release Procedures:VENTILATE AREA-ESPECIALLY LOW PLACES WHERE HEAVY VAPORS MIGHT COLLECT.REMOVE OPEN FLAMES.USE PROTECTIVE EQUIPMENT SUCH AS GLOVES,SAFETY GLASSES,ETC.COLLECT LIQUID & AMT OF LIQ THEN PUMP TO CLOSED DRUM S.

Handling

Handling and Storage Precautions:STORE CONTAINERS IN CLEAN, DRY AREA;DO NOT HEAT/STORE ABOVE 125F
Other Precautions:MFR STATES THAT FOR FURTHER INFORMATION SEE(DEPONT)FREON PRODUCTS BULLETINS FST-1,S-16,S-24,S-30;PHUSICAL DATA SUCH AS VAP PRESSURE/DENSITY,SPECIFIC GRAVITY,SOLUBLTY NOTED AT 77F.

Exposure Controls

Respiratory Protection:USE SELF-CONTND AIR MASK IN HIGH CONCENTRATION
Ventilation:LOCAL EX:WHEN LG AMTS ARE RELEASED ESPECIALLY IN LOW PLACES.
Protective Gloves:IMPERVIOUS
Eye Protection:SAFETY/CHEM GOGGLES
Other Protective Equipment:NONE NOTED BY MFR.
Supplemental Safety and Health
EXCESSV VAPRIZATION CAN DEplete/REPLACE O*2 NEEDED FOR BREATHG.HAZARDOUS TO HEALTH IN CONFIND/ENCLOSD SPACES,AREAS W/LITTLE VENTILATION.EXPOSURE TO HIGH CONC MAY INDUCE CARDIAC ARRHYTHMIAS.

Chemical Properties

HCC:N1
Boiling Pt:B.P. Text:117.6F
Vapor Pres:334
Vapor Density:6.5
Spec Gravity:1.57
Evaporation Rate & Reference:0.3(CCL*4=1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:COLORLESS LIQUID-SLIGHT ETHEREAL ODOR.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
ALKALI OR ALKALINE EARTH METALS-POWDERED AL,ZN,BE,ETC.
Stability Condition to Avoid:HIGH TEMPERATURES,IGNITION SOURCES
Hazardous Decomposition Products:HYDROCHLORIC & HYDROFLUORIC ACIDS-POSSIBLE CARBONYL HALIDES.

Disposal

Waste Disposal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS;MFR RECOMMENDS,RECLAIM BY DISTILATION.

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