

E. I. DUPONT -- FREON T-P 35 -- 4940-00-495-8614

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

Product ID:FREON T-P 35

MSDS Date:01/01/1987

FSC:4940

NIIN:00-495-8614

MSDS Number: BFBKX

=== Responsible Party ===

Company Name:E. I. DUPONT

Address:"FREON" PRODUCTS DIVISION

City:WILMINGTON

State:DE

ZIP:19898

Info Phone Num:(302) 774-1000

Emergency Phone Num:(302) 774-1000

CAGE:28898

=== Contractor Identification

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Company Name:DU PONT E I DE NEMOURS AND CO INC PETROCHEMICALS DEPT

Address:1251 BRANDYWINE BLDG

Box:City:WILMINGTON

State:DE

ZIP:19898

Phone:302-773-5676

CAGE:73925

Company Name:E. I. DUPONT

Address:1007 MARKET STREET

City:WILMINGTON

State:DE

ZIP:19898

Phone:1-800-441-7515

CAGE:28898

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

Ingred Name:NITROMETHANE

CAS:75-52-5

RTECS #:PA9800000

Other REC Limits:100 PPM

OSHA PEL:100 PPM

ACGIH TLV:100 PPM; 9192

Ingred Name:IS

OPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 35%
Other REC Limits:400 PPM
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:TRICHLOROTRIFLUOROETHANE (FREON TF)
CAS:354-58-5
RTECS #:KJ3975000

Ingred Name:INHIBITORS
Fraction by Wt: 0.3%

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INH
ALATION: LIGHT-HEADEDNESS,
SHORTNESS OF BREATH, NARCOSIS, & POSSIBLE CARDIAC ARRHYTHMIAS AT
HIGH CONCENTRATIONS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: LIGHT-HEADEDNESS, GIDDINESS,
SHORTNESS OF BREATH, NARCOSIS, & POSSIBEL CARDIAC ARRHYTHMIAS AT
HIGH CONCENTRATIONS.

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

First Aid:INHALATION: REMOVE TO FRESH AIR, CALL PHYSICIAN. DON'T GIVE
EPINEPHRINE OR SIMILAR DRUGS. SKIN/EYES
: FLUSH W/WATER.

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

Flash Point Method:TOC
Flash Point:120F
Extinguishing Media:ANY AVAILABLE TYPE
Unusual Fire/Explosion Hazard:EXCESS WATER (>9%) WILL EXTRACT ALCOHOL &
MAY FORM A FLAMMABLE LIQUID LAYER.

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

Spill Release Procedures:VENTILATE AREA AT LOW PLACES WHERE HEAVY
VAPORS MIGHT COLLECT. REMOVE OPEN FLAMES.

===== Handling and Sto

rage =====

Handling and Storage Precautions:STORE CONTAINERS IN CLEAN DRY AREA.
DON'T HEAT >125F.

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

Respiratory Protection:USE AIR MASK IN HIGH CONCENTRATIONS.
Ventilation:PROVIDE LOCAL EXHAUST & MECHANICAL VENTILATION WHEN LARGE
AMOUNTS ARE RELEASED & IN LOW PLACES.
Protective Gloves:WHEN HANDLING LIQUID
Eye Protection:WHEN HANDLING LIQUID.
Supplemental Safety and Health

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

HCC:F4
Boiling Pt:B.P. Text:120F
Vapor Pres:284
Vapor Density:2.2
Spec Gravity:1.15
Evaporation Rate & Reference:3.7 (CARBON TET = 1)
Appearance and Odor:COLORLESS LIQUID W/FAINT SOLVENT ODOR
Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES
ALKALI OR ALKALINE EARTH METALS, ALUMINUM, ZINC, BERYLLIUM
Stability Condition to Avoid:OPEN FLAME, HIGH TEMPERATURES
. HEAT >125F
Hazardous Decomposition Products:HYDROCHLORIC & HYDROFLUORIC ACIDS,
PHOSGENE

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

Waste Disposal Methods:EVAPORATE OUTDOORS.

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