

E.I.DUPONT DE NEMOURS & CO. -- FREON 500 -- 6830-00-088-0595

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Product Identification  
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Product ID:FREON 500

MSDS Date:01/01/1985

FSC:6830

NIIN:00-088-0595

MSDS Number: BCYJX

=== Responsible Party ===

Company Name:E.I.DUPONT DE NEMOURS & CO.

Address:FREON PRODUCTS DIVISION

City:WILMINGTON

State:DE

ZIP:19898

Info Phone Num:302-774-2421

Emergency Phone Num:302-774-2421

CAGE:DO229

=== Contra

ctor Identification ===

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 DE NEMOURS & CO INC

Address:549 ALBANY STREET

Box:1635

City:BOSTON

State:MA

ZIP:02118

Phone:800-441-7515

CAGE:DO229

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Composition/Information on Ingredients  
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Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)

CAS:75-71-8

RTECS #:PA8200000

Fraction by Wt: 73.

8%  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS  
Ozone Depleting Chemical:1

Ingred Name:DIFLUOROETHANE (CAS 75-37-6)  
CAS:75-37-6  
RTECS #:K11410000  
Fraction by Wt: 26.2%

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

Effects of Overexposure:SKN:FROSTBITE,  
IRRITATION,DERMATITIS.LUNG(LIQ):PNEUMONITIS,EDEMA.INH:ANESTHESIA,IN  
TOX,CARDIAC ARRYTH

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

First Aid:REMOV  
E TO FRESH AIR AND CALL PHYSICIAN IMMED.ALL  
CASES.SKN,EYE:FLUSH FREELY W/WATER,WARM SKN W/LUKEWARM  
WATER.INHL:DO NOT GIVE ADRENALINE OR OTHER HEART SIMULANTS.INGES:DO  
NOT INDUCE VOMITING

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

Flash Point:NONE

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

Spill Release Procedures:REMOVE OPEN FLAMES AND VENTILATE AREA. CLEAR  
LOW AREAS OF VAPOR. STAY UPWIND SPILL.

===== Handli  
ng and Storage =====

Handling and Storage Precautions:STORE CONTAINERS IN COOL, CLEAN DRY  
AREA. DO NOT ALLOW TEMP TO RISE ABOVE 125F.

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

Respiratory Protection:USE AIR MASK (SCBA) W/SUPPLIED AIR FOR HIGH  
CONCENTRATIONS.OF VAPOR.  
Protective Gloves:RUBBER,PLASTIC  
Eye Protection:MASK  
Other Protective Equipment:USE GLOVES & FACE SHIELD WHEN HANDLING  
LIQUID  
Supplemental Safety and Health  
ENTRY BASIS:UNDA

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

HCC:G3  
Boiling Pt:B.P. Text:-28F (-33C)  
Vapor Pres:SUP  
Vapor Density:5.22  
Spec Gravity:1.158  
Viscosity:0.19CP 77F  
Evaporation Rate & Reference:RAPID  
Solubility in Water:0.056%@77F  
Appearance and Odor:COLORLESS LIQUID, SLIGHT ETHERAL ODOR.  
Percent Volatiles by Volume:100

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

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Stability Indicator/Materials to Avoid:YES  
ALKALI OR ALKALINE EARTHMETALS.AVOID POWDERED AL,ZN,BE,ETC.  
Stability Condition to Avoid:OPEN FLAMES, HIGH TEMPERATURES.  
Hazardous Decomposition Products:CHLORINE,FLUORINE GASES, HF,HCL, POSS  
CARBONYL CHLORIDE

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

Waste Disposal Methods:RECLAIM RECOVERED LIQUID BY DISTILLATION.

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