

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

=== Contrac

tor 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%

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

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First Aid Measures
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First Aid:REMOVE
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

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Fire Fighting Measures
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Flash Point:NONE

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

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

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Exposure Controls/Personal Protection
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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:UNDAT

===== 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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