

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

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

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

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

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: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

=====
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.

=====
Handlin
g 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: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 =====

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.

Disclaimer (provided with this information by the compiling agencies):
This information is fo
rmulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.