

E.I.DU PONT DE NEMOURS & CO.INC. -- FREON 11; (REFRIGERANT 11) -- 6830-00-079-4694

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Product Identification
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Product ID:FREON 11; (REFRIGERANT 11)

MSDS Date:05/01/1986

FSC:6830

NIIN:00-079-4694

MSDS Number: BCXRT

=== Responsible Party ===

Company Name:E.I.DU PONT DE NEMOURS & CO.INC.

Address:FREON PRODUCTS DIV;1007-MARKET STREET

City:WILMINGTON

State:DE

ZIP:19898

Country:US

Info Phone Num

:302-999-3847/4338

Emergency Phone Num:(800)441-3637

Preparer's Name:T.D.ARMSTRONG

CAGE:DO962

=== Contractor 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.DU PONT DE NEMOURS,INC.

CAGE:DO962

Company Name:HUDSON TECHNOLOGIES INC.

Box:UNKNOW

CAGE:013M0

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Composition/Information on Ingredients
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Ingred Name:TRICHLORO

FLUOROMETHANE (CFC-11) (SARA III)

CAS:75-69-4

RTECS #:PB6125000

Fraction by Wt: 100.0%

OSHA PEL:1000 PPM

ACGIH TLV:C, 1000 PPM; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ozone Depleting Chemical:1

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Hazards Identification
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LD50 LC50 Mixture:RAT 26,200 PPM/4HR

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:ACUTE:MILD IRRITATION OF

EYES/SKIN;DEFAT OF SKIN;HEADACHE,GIDDINESS,SHORTNESS OF

BREATHE,N

ARCOSIS,CARDIAC IRREGULARITIES. CHRONIC:NO DATA

AVAILABLE,POSSIBLE DERMATITIS.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE WORSEN.

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

First Aid:INHALATION:REMOVE TO FRESH AIR,CALL A PHYSICIAN. EYES:FLUSH EYES WITH PLENTY OF WATER,CALL A PHYSICIAN. SKIN:CLEAN THE SKIN AND WASH WITH WATER.

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

Flash Point:NONE

Extinguishing M

edia:NON-FLAMMABLE;USE SUITABLE MEDIA FOR SURROUNDING FIRES.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN FIRES OR IN CASE OF SPILL

Unusual Fire/Explosion Hazard:DRUM MAY RUPTURE UNDER FIRE CONDITIONS.DECOMPOSITION MAY OCCUR.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;VENTILATE AREA;DIKE SPILL,USE SUITABLE ABSORBENT MATERIAL AND RECOVER INTO A CONTAINER FOR PROPER DISPOSAL.

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN CLEAN DRY AREA;DO NOT HEAT OR STORE ABOVE 125F.

Other Precautions:AVOID CONTACT WITH SKIN AND EYES:DO NOT INHALE VAPORS/MIST.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS IF ABOVE TLV/PEL.

Ventilation:MECH(GEN)OR LOCAL EXHAUST THAT PROVIDES ADEQUATE VENTILATION

Protective Glove

s:NEOPRENE

Eye Protection:CHEM SPLASH GOGGLES

Other Protective Equipment:FULL WORK CLOTHING TO PREVENT REPEATED OR PROLONGED CONTACT.

Supplemental Safety and Health

MSDS RECEIVED BY DGSC-SL:08 JAN 1988.

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

HCC:N1

Boiling Pt:B.P. Text:75F/23.9C

Vapor Pres:0.7

Vapor Density:4.9

Spec Gravity:1.48

pH:NEUTRL

Evaporation Rate & Reference:0.1 (CCL*4=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR,COLORLESS LIQUID & SLIGHT ETHEREAL ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ALKALI,AKALINE EARTH METALS,POWDERED AL,ZN,BE.

Stability Condition to Avoid:OPEN FLAMES & HIGH TEMP.

Hazardous Decomposition Products:DECOMPOSITION:HCL,HF,POSSIBLE CARBONYL HALIDES

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

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LO

CAL,STATE AND FEDERAL REGULATIONS.ITEM CAN BE RECLAIMED BY DISTILLATION;

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