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## DUPONT CHEMICALS -- FREON 13 REFRIGERANT -- 6830-00-926-2274

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

Product ID:FREON 13 REFRIGERANT

MSDS Date:03/20/1991

FSC:6830

NIIN:00-926-2274

MSDS Number: BNPTB === Responsible Party ===

Company Name: DUPONT CHEMICALS

Address:1007 MARKET STREET

City:WILMINGTON

State:DE ZIP:19898 Country:US

Info Phone Num:800-441-7515/302-999-5072 (BROCK)

Emergency Phone Num:800-424-

9300; 800-441-3637

Preparer's Name:W J BROCK

CAGE:KO192

=== Contractor Identification ===

Company Name: DU PONT

Address:1007 MARKET STREET

Box:City:WILMINGTON

State:DE ZIP:19898 Country:US

Phone:800-441-9442

CAGE:25827

Company Name: DUPONT CHEMICALS

Address:1007 MARKET STREET

City:WILMINGTON

State:DE ZIP:19898 Country:US

Phone:800-441-7515/800-441-3637

CAGE:KO192

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

Ingred Name: METHANE, CHLOROTRIFLUORO- ("FREON" 13 REFRIGERANT)

CA

S:75-72-9

RTECS #:PA6410000 Fraction by Wt: 100%

Other REC Limits: NONE SPECIFIED

Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:INHAL 2-HR LC50: >600,000 PPM (RAT)

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:OVEREXPOSURE TO VAPORS BY INHALATION MAY INCLUDE TEMPORARY NERVOUS SYSTEM DEPRESSION W/ANESTHETIC EFFECTS. POSSIBLY W/GROSS OVEREXPOSURE (>20%), TEMPORARY ALTERATION OF

THE HEART'S ELECTRICAL ACTIVITY . EYE OR SKIN CONTACT WITH LIQUID MAY CAUSE FROSTBITE.

Explanation of Carcinogenicity:NONE OF THE COMPONENTS IN THIS MAT'L IS LISTED BY IARC, NTP, OSHA OR ACGIH AS A CARCINOGEN.

Effects of Overexposure:NERVOUS SYSTEM DEPRESSION ANESTHETIC EFFECTS: DIZZINESS, HEADACHE, CONFUSION, INCOORDINATION, LOSS OF CONSCIOUSNESS. HEART'S ELECTRICAL ACTIVITY: IRREGULAR PULSE, PALPITATIONS, INADEQUATE CIRCULATION.

Medical Cond Aggravated by Exposure: INDIVIDUA

LS WITH PREEXISTING

DISEASES OF THE CENTRAL NERVOUS OR CARDIOVASCULAR SYSTEM MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

First Aid:IF LARGE CONCENTRATIONS ARE INHALED: IMMEDIATELY REMOVE TO FRESH AIR. KEEP PERSONS CALM. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL DR. IN CASE OF SKIN CONTACT: FLUSH W/WATER. TREAT FOR FROSTBITE IF

NECESSARY. IN CASE OF EYE CONTACT: IMMED FLUSH W/PLENTY OF WATER 15 MIN. CALL DR. NOTE TO PHYSICIAN: BECAUSE OF POSSIBLE DISTURBANCES OF CARDIAC \*\*

Flash Point: WILL NOT BURN

Extinguishing Media:NON FLAMMABLE. AS APPROPRIATE FOR COMBUSTIBLES IN AREA.

Fire Fighting Procedures: SELF-CONTAINED BREATHING APPARATUS (SCBA IS REQUIRED IF CONTAINERS CYLINDERS RUPTURE OR DISCHARGE UNDER FIRE CONDITIONS.

Unusual



Stability Indicator/Materials to Avoid:YES ALKALI OR ALKALINE EARTH METALS-POWDERED AL, ZN, BE, ETC. Stability Condition to Avoid:AVOID OPEN FLAMES AN

## D HIGH TEMPERATURES.

Hazardous Decomposition Products:BY HIGH TEMPS FORMING: HYDROCHLORIC & HYDROFLUORIC ACIDS-POSSIBLY CARBONYL HALIDES.

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

Waste Disposal Methods:RECLAIM BY DISTILLATION OR REMOVE TO WASTE DISPOSAL FACILITY. COMPLY W/FED, STATE OR LOCAL REGULATIONS.

\*\*RHYTHM, CATECHOLAMINE DRUGS (EPINEPHRINE) SHOULD BE USED WITH SPECIAL CAUT ION ONLY IN SITUATIONS OF EMERGENCY LIFE SUPPORT.

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