View NSN Online: https://aerobasegroup.com/nsn/6830-00-144-9952

DUPONT -- FREON 502 REFRIGERANT -- 6830-00-144-9952

Product ID:FREON 502 REFRIGERANT

MSDS Date:10/05/1996

FSC:6830

NIIN:00-144-9952 Status Code:A

MSDS Number: CLBTT === Responsible Party === Company Name: DUPONT

Address:1007 MARKET STREET

City:WILMINGTON

State:DE ZIP:19898 Country:US

Info Phone Num:800-441-9442 Emergency Phone Num:8004413637

Chemtrec Ind/Phone:(8

00)424-9300 CAGE:18873

=== Contractor Identification ===

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

Address:1007 MARKET STREET

Box:City:WILMINGTON

State:DE ZIP:19898 Country:US

Phone:800-441-7515;800-441-9442

CAGE:18873

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

Ingred Name: CHLOROPERFLUOROETHANE

CAS:76-15-3

RTECS #:KH7877500

= Wt:51.2

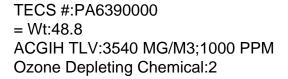
Other REC Limits:TLV 8 HR, TWA ACGIH TLV:1000 PPM 6,320 MG/M3

Ozone Depleting Chemical:1

Ingred Name: CHLORODIFLUOROMETHANE

CAS:75-45-6

R



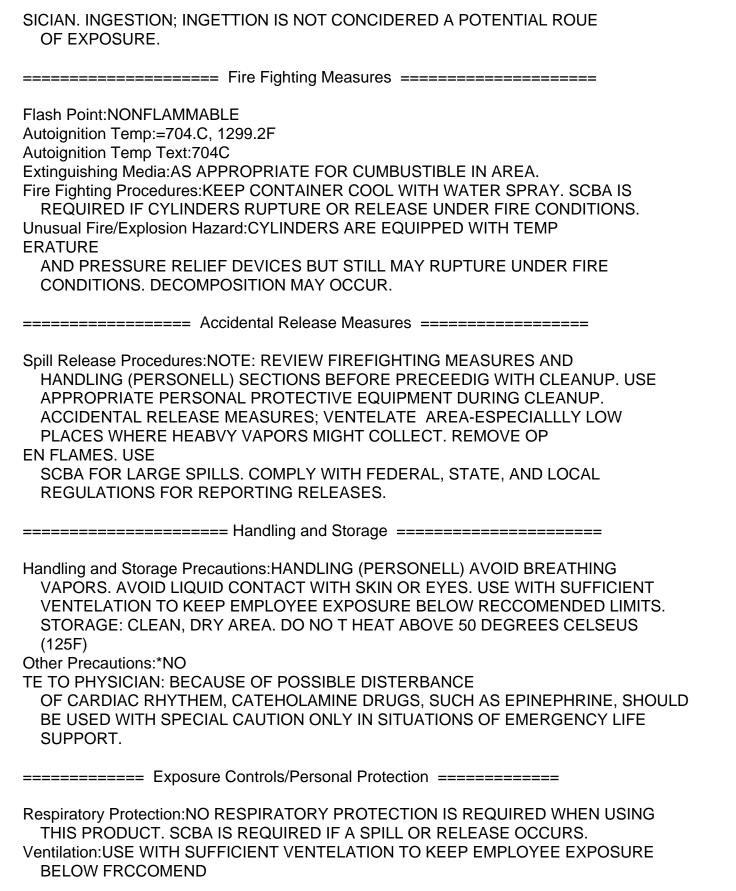
Health Hazards Acute and Chronic:INHALATION OF HIGH CONCENTRATIONS OF VAPOR IS HARMFUL AND MAY CAUES HEART IRREGULARITIES, UNCONSCIOUSNESS, OR DEATH. INTENTIONAL MISUSE OR DELIBERATE INHALATION CAN CAUSE DEATH WITHOUT WARNING. VAPOR REDUCES OXYGEN AVAILABLE FOR BREATHING AND IS HEAVIER THAN AIR. LIQUID CONTACT CAN CAUSE FR

OSTBIGHT.

- Explanation of Carcinogenicity:NONE OF THE COMPONENETS PRESENT IN THIS MATERIAL AT CONCENTRATIONS EQUAL TO OR GREATER THAN 0.1% ARE LISTED BY IARC, NTP, OSHA OR ACGIH AS A CARCINOGEN.
- Effects of Overexposure:OVEREXPOSURE TO VAPORS BY INHALATION MAY ICLUDE TEMPORARY NERVOUS SYSTEM DEPRESSION WITH ANAESTHETIC EFFECTS SUCH AS DIZZINESS, HEADACHE, CONFUSION, INCOORDINATION, AND LOSS OF CONSCIOUSNESS. HIGHER I NHALATION EXPOSURES TO THE VAPORS MAY CAUSE TEMPORARY ALT
- ERATION OF THE HEART'S ELECTRICAL ACTIVITY WITH IFREGULAR PULSE, PALPITATIONS, OR INADEQUATE CIRCULATION. FATALITY FROM GROSS OVEREXPOSURE MAY OCCUR. SKIN CONTACT WITH THE LIQUID MAY CAUSE FROSTBIGHT.
- Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PREEXISTING DISEASES OF THE CENTRAL NERVOIUS SYSTEM, CARDIOVASCULAR SYSTEM, LUNGS OR KIDNEYS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY TO EXCESSIVE EXPOSURES.

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

First Aid:INHALATION: IF LARGE AMOUNTS ARE INHALED, IMMEDIATELY REMOVE TO FRESH AIR. KEEP PERSONS CALM. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN AND CALL PHYSICIAN. SKIN CONTACT; IN CASE OF SKI CONTACT, FLUSH WITH WATER FOR 15 MINUTES. TREAT FOR FROST BIGHT IF NECESSARY.BY GENTLY WARMING AFFECTED AREA. EYE CONTACT: I CASE OF EYE CONTACT, IMMEDIATELY FLUSH EYES WI TH PLENTY OF WATER FOR 15 INUTES. CALL A PHY



ED EXPOSURE LIMITS. LOCAL EXHAUST SHOULD BE USED WHEN LARGE ABOUNTS ARE RELEASED. Protective Gloves:IMPRERVIOUS GLOVE Eye Protection:CHEMICAL SPLASH GOGGLES Supplemental Safety and Health MECHANICAL VENTELATION SHOULD BE USED IN LOW OR ENCLOSED PLACES.
========= Physical/Chemical Properties =========
Boiling Pt:=-45.4C, -49.7F B.P. Text:-45.4C Vapor Pres:169PSIA @25DG C. (77F) Vapor Density:3.92@25C (Evaporation Rate & Deference:>1(CC14=1) Solubility in Water:0.15W EIGHT %@25C (77F) Appearance and Odor:SLIGHLY ETHEREAL Percent Volatiles by Volume:100 WEIGHT %
========= Stability and Reactivity Data =========
Stability Indicator/Materials to Avoid:YES ALKALINE EARTH METALS. POWEERED AL, ZN, BE, ETC. Stability Condition to Avoid:AVOID OPEN FLAMES AND HIGH TEMPERATURES. Hazardous Decomposition Products:FORMING HYDROCHLORIC AND HYDROFLUORIC ACID, AND POSSIBLY CARBONYL HALIDES.
======== Toxicological Information ====================================
Toxicological Information:ANIMAL DATA "FREON" 115 INHALATION 4 HR LC50: >800,000PPM IN RATS. ORAL ALD: 1,200MG/KG IN RATS. THE EFFCTS OF A SINGLE INHALATION EXPOSURE AT HIGH CONCENTRATIONS ICLUE RAPID RESPIRATION AND INACTIVIT Y. REPEATEDF EXPOSURE AT LOWER LEVELS PRODUCED NO SIGNS OF TOXICITY. EXPOSURE TO 150,000 PPM WITH SIMULTANEOUS EPINEPHRINE CHALLENGE PRODUCED CARDIAC ARRHYTHMIA IN DOG THE RFFECTS OF REPEATED INGEST ION INCLUDE MILD DIARHEA, SALIVATIO N, ANDF INCREASED ACTIVITY. NO ANIMAL TEST REPORTS ARE AVAILABLE TO DEFINE CARCINOGENIC DEVELOPMENTAL OR REPRODUCTIVE HAZARDS. **
======== Ecological Information ==========
Ecological:AQUATIC TOXICITY: "FREON" 22 48 HR EC50-DAPHINA MAGNA: 443MG/L
======= Disposal Considerations ==========
Waste Disposal Methods:COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS. REMOVE TO A PERMITTED WASTE DISPOSAL FACILITY OR RECLAIM BY D

ISTILATION.
========= MSDS Transport Information ==========
Transport Information:SHIPPING INFORMATION, DOT/IMO PROPPER SHIPPING NAME: CHLORODIFLUOROMETHANE AND CHLOROPENTAFLUOROETHANE MIXTURE. HAZARD CLASS 2.2 DOT/IMO LABEL, NONFLAMMABLE GAS. SHIPING CONTAINERS CYLINDER TON TANKS.
============ Regulatory Information =============
SARA Title III Information:TITLE III HAVARD CLASSIFICATIONS: SECTIONS 311, 312. ACUTW YES, CHRONIC, NO. FIR E, NO. REACTIVITY, NO. PRESSURE, YES. HAZARDOUS CHEMICAL LISTS: SARA EXTREMELY HAZARDOUS SUBSTANCE: NO. CERCLA HAZARDOUS SUBSTANCE; NO. SARA TOXIC CHEMICAL, SEE COMPONENET SECTION. Federal Regulatory Information:TSCA INVINTORY STATUS: REPORTED/INCLUDED. State Regulatory Information:
========== Other Information ==============
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