View NSN Online: https://aerobasegroup.gr/nsn/6830-00-264-5913

E. I. DUPONT DE NEMOURS AND COMPANY -- FREON 12 FLUOROCARBON -- 6830-00-264-5913

Product ID:FREON 12 FLUOROCARBON

MSDS Date:09/23/1991

FSC:6830

NIIN:00-264-5913

MSDS Number: BDQLJ === Responsible Party ===

Company Name: E. I. DUPONT DE NEMOURS AND COMPANY

Address: FREON PRODUCTS DIVISION

City:WILMINGTON

State:DE ZIP:19898

Info Phone Num:800-441-3637

Emergency Phone

Num:800-441-3637/800-424-9300(CHEMTREC)

CAGE:73925

=== Contractor Identification ===

Company Name: DDRV STOCK MAINTENANCE DIV/DDRV-H

Address:8000 JEFFERSON-DAVIS HIGHWAY

Box:City:RICHMOND

State:VA ZIP:23297 Country:US

Phone:804-279-3125

CAGE:02LX8

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

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

Ingred Name:D

ICHLORODIFLUOROMETHANE (SARA III) CAS:75-71-8 RTECS #:PA8200000 Fraction by Wt: 100% OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192 EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS
Ozone Depleting Chemical:1
========== Hazards Identification ===========
LD50 LC50 Mixture:TLV IS 1000 PPM, 4950 MG/M3.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:ACUTE-INHALE:MAY CAUSE TINGLING SENSAT
ION, HUMMING IN THE AIR, SLURRED SPEECH, AMNESIA, IRREGULAR HEART
BEAT,UNCONSCIOUSNESS OR DEATH.MISUSE CAN BE FATAL.EYE:TEARING,IRRITATION.SKIN:LIQUID MAY CAUSE FROST
BITE.ORAL:LIQUID MAY CAUSE NECROSIS OF LIPS & TONGS,BLANCHING OF
SKIN, PAIN & TENDERNESS. CHRONIC-MAY CAUSE CNS EFFECTS.
Effects of Overexposure:INHALATION MAY CAUSE TINGLING SENSATION, HUMMING IN THE AIR, SLURRED SPEECH, AMNESIA, IRREGULAR HEART BEAT,
UNCONSCIOUSNESS OR DEATH. MISUSE CAN BE FATAL. EYE IRRITATION
&
BLURRED VISION. SKIN EXPOSUR E TO LIQUID MAY CAUSE FROSTBITE. ORALLYLIQUID MAY CAUSE NECROSIS OF LIPS & TONGS, BLANCHING OF SKIN, PAIN & TENDERNESS.
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING
DISEASES OF THE CENTRAL NERVOUS OR CARDIOVASCULAR SYSTEM MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.
======================================
First Aid:GET MEDICAL ATTENTION IN ALL CASES. EYE:FLUSH WITH WATER FOR
15 MINUTES. HOLD EYELIDS OPEN. SKIN:FLUSH WITH WATER. TREAT FOR
FROSTBITE IF NECESSARY. INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL:INGESTION IS NOT CONSIDERED A POTENTIAL
ROUTE OF EXPOSURE.
======================================
Flash Point:WILL NOT BURN
Extinguishing Media:WATER, CO2, FOAM OR DRY CHEMICAL. WATER SPRAY MAY
BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY. Fire Fighting Procedures

NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE. Unusual Fire/Explosion Hazard:MAY FORM HYDROGEN FLUORIDE, HYDROGEN CHLORIDE AND TRACES OF CARBONYL HALIDES. CYLINDERS MAY BE RUPTURED UNDER FIRE CONDITIONS.
======== Accidental Release Measures =========
Spill Release Procedures:KEEP UPWIND. VENTILATE ENCLOSED SPACES UNTIL GAS IS DISPERSSED. DO NOT SMOKE OR OPE RATE INTERNAL COMBUSTION ENGINES IN IMMEDIATE VICINITY.
============ Handling and Storage ==============
Handling and Storage Precautions:STORAGE-STORE IN COOL, DRY PLACE. CYLINDERS ARE UNDER PRESSURE. KEEP AWAY HEAT & INCOMPATIBLE MATERIALS.
Other Precautions:AVOID BREATHING VAPORS. AVOID EYE OR SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING OR DRINKING. USE WITH ADEQUATE VENTILATION. NEVER USE IN CONFINED OR CLOSED SPACE
====== Exposure C ontrols/Personal Protection =========
Respiratory Protection:WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE OR SUPPLIED-AIR RESPIRATOR WITH FULL FACEPIECE AND OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE. Ventilation:LOCAL EXHAUST/MECHANICAL Protective Gloves:CLOTH-LINED RUBBER GLOVES Eye Protection:SAFETY GOGGLES/FACE SHIELD Other Protective Equipment:EYEBATH, SAFETY SHOWER, PROTECTIVE CLOTHING Work Hygienic Practices:
OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING.
Supplemental Safety and Health VP=4893MM HG(80PSIG).NOTE:EXPSRE TO HIGH VAP.LEVELS MAY CAUSE CARDIAC ARRYTH-VAP.MAY COLLECT IN LOW PLACES-NON-FLAMM,FREON 12-DECOMP.SLOWLY W.WTR-TYPE 12 OF FED SPEC BB-F-1421/MSDS DATED OCT85
======== Physical/Chemical Properties =========
HCC:G3

Boiling Pt:B.P. Text:-22F,-30C Vapor Pres:4888 @ 25C Vapor D

:WEAR FULL PROTECTIVE CLOTHING AND

ensity:4.26 Spec Gravity:1.315 Solubility in Water:NEGLIGIBLE Appearance and Odor:CLEAR, COLORLESS LIQUEFIED GAS - SLIGHT ETHEREAL ODOR Percent Volatiles by Volume:100
========= Stability and Reactivity Data =========
Stability Indicator/Materials to Avoid:YES ALKALI OR ALKALINE EARTH METALS, POWDERED ALUMINUM, ZINC, BERYLLIUM, ETC. Stability Condition to Avoid:FIRE, TEMPERATURES ABOVE 125F Hazardous Decomposition Products:MAY FORM HYDROGEN FLUORIDE, HYDROGEN CHLO RIDE AND TRACES OF CARBONYL HALIDES.
======= Disposal Considerations ==========

Waste Disposal Methods:FOR DISCHARGE OR DISPOSING OF WASTE MATERIAL, CONSULT LOCAL, STATE AND FEDERAL AUTHORITIES.

Disclaimer (provided with this information by the compiling agencies): This information is formulated 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

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.