View NSN Online: https://aerobasegroup.co.il/nsn/6830-01-376-8401

E I DUPONT DE NEMOURS & CO, FREON PROD -- HALON 1301 FIRE EXTINGUISHANT 6830-01-376-8401

Product ID:HALON 1301 FIRE EXTINGUISHANT

MSDS Date:11/09/1995

FSC:6830

NIIN:01-376-8401 Status Code:A

MSDS Number: CJZXF === Responsible Party ===

Company Name: E I DUPONT DE NEMOURS & CO, FREON PROD

Address:1007 MARKET ST

City:WILMINGTON

State:DE ZIP:19899 Country:US

In

fo Phone Num:800-441-3637-MED 800-424-9300-TRAN

Emergency Phone Num:PROD: 800-443-9442 MED:800-441-3637

Resp. Party Other MSDS Num.:CC0111 CORP MSDS NBR DU001083

Preparer's Name: DUPONT FLUOROCHEMICALS

Chemtrec Ind/Phone:(800)424-9300

CAGE:5P414

=== Contractor Identification ===

Company Name: E I DUPONT DE NEMOURS & CO, FREON PROD (REPLACED BY 73925)

Address:1007 MARKET ST Box:City:WILMINGTON

State:DE ZIP:19899 Country:US

Phone:800-441-3637-MED 800-424-9300-TRAN

CAGE:5P414

Company Name: KIDDE FENW

**AL INC** 

Address:400 MAIN ST Box:City:ASHLAND

State:MA

ZIP:01721-2150

Country:US

Phone:508-881-2000

CAGE:0KDP7

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

Ingred Name: METHANE, BROMOTRIFLUORO-

CAS:75-63-8

RTECS #:PA5425000

= Wt:100.

OSHA PEL:6100 MG/M3;1000 PPM ACGIH TLV:6090 MG/M3;1000 PPM

Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:INHALATION, RATS LC50: >770,000 PPM

Routes of Entry: Inhalation:YES

Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:INHALATION OF HIGH CONCENTRATIONS OF VAPOR IS HARMFUL AND MAY CAUSE HEART IRREGULARITIES, UNCONSCIOUSNESS OR DEATH. INTENTIONAL MISUSE OR DELIBERATE INHALATION MAY CAUSE DEATH WITHOUT WARNING. VAPOR R EDUCES OXYGEN AVAILABLE FOR BREATHING AND IS HEAVIER THAN AIR. SKIN OR EYE CONTACT WITH THE LIQUID MAY CAUSE FROSTBITE.

Explanation of Carcinogenicity: NONE OF THE COMPON

**ENTS 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:HUMAN HEALTH EFFECTS OF OVEREXPOSURE BY INHALATION MAY INCLUDE NONSPECIFIC DISCOMFORT, SUCH AS NAUSEA, HEADACHE, OR WEAKNESS, OR TEMPORARY CENTRAL NERVOUS SYSTEM DEPRESSION WITH EFFECTS SUCH AS DIZZIN ESS, HEADACHE, CONFUSION, BY INHALATION MAY CAUSE TEMPORARY ALTERATION OF THE HEART'S ELECTRICAL ACTIVITY WITH IR

REGULAR PULSE, PALPITATIONS, OR INADEQUATE CIRCULATION. SKIN OR EYE CONTACT WITH THE LI QUID MAY CAUSE FROSTBITE.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PREEXISTING DISEASES OF THE CENTRAL NERVOUS OR CARDIOVASCULAR SYSTEM MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

First Aid:INHALATION: IF HIGH CONCENTRATION ARE INHALED, IMMEDIATELY REMOVE TO FRESH AIR. KEEP PERS

ON CALM. IF NOT BREATHING, GIVE

ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIA N. SKIN CONTACT: IN CASE OF SKIN CONTACT, FLUSH SKIN WITH PLENTY OF WATER FOR 15 MINUTES. TREAT FOR FROSTBITE IF NECESSARY BY GENTLY WARMING AFFECTED AREA. EYE CONTACT: IN CASE OF EYE CONTACT, IMMEDIA TELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. INGESTION: IS NOT CONSIDERED A POTENTIAL ROUTE OF EXPOSURE.

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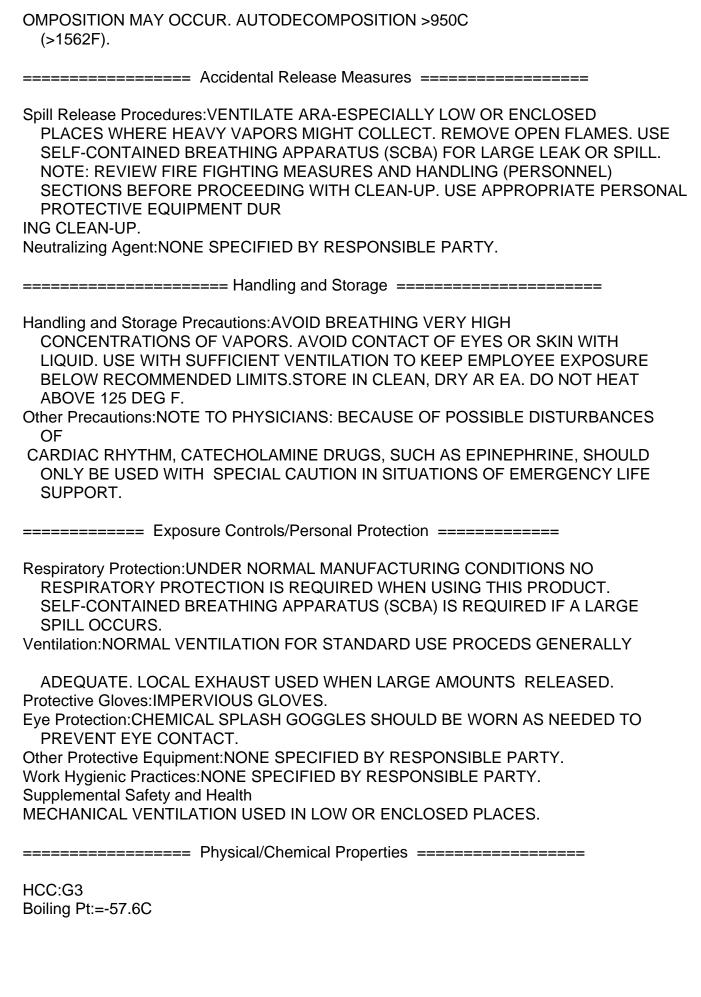
=== Fire Fighting Measures ===========

Flash Point: WILL NOT BURN

Extinguishing Media: AS APPROPRIATE FOR COMBUSTIBLES IN AREA. AUTODECOMPOSITION

Fire Fighting Procedures: USE WATER SPRAY OR FOG TO COOL CONTAINERS. SELF-CONTAINED BREATHING APPARATUS (SCBA) IS REQUIRED IF CYLINDERS RUPTURE OR RELEASE UNDER FIRE CONDITIONS.

Unusual Fire/Explosion Hazard:CYLINDERS ARE EQUIPPED WITH TEMPERATURE AND PRESSURE RELIEF DEVICES BUT MAY STILL RUPTURE UNDER FIRE CONDITIONS. DEC



, -72.F Decomp Temp:Decomp Text:AUTODECOMP:>950C(>1562F) Vapor Pres:235 PSIA AT 25C(77F) Vapor Density:5.14(AIR=1 pH:NEUTRAL Evaporation Rate & amp; Reference:(CC14=1)>1 Solubility in Water:0.03WT%@25C(77F) Appearance and Odor:CLEAR, COLORLESS, LIQUIFIED GAS SLIGHT ETHEREAL. Percent Volatiles by Volume:100%
========= Stability and Reactivity Data ==========
Stability Indicator/Materials to Avoid:YES INCOMPATIBLE WITH ALKALI OR ALKALINE EARTH METALS-POWDERED A1, ZN, BE, ETC.
Stability Condition to Avoid:AVOID EXTENDED CONTACT WITH OPEN FLAMES OR TEMPERATURE >1000 DEG F.  Hazardous Decomposition Products:DECOMPOSITION PRODUCTS ARE HAZARDOUS. THIS MATERIAL MAY BE DECOMPOSED BY HIGH TEMPERATURES (OPEN FLAMES, GLOWING METAL SURFACES, ETC.) FORMING FREE BROMINE AND POSSIBLY CARBONYL HALIDES.  Conditions to Avoid Polymerization:WILL NOT OCCUR.
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Toxicological Information:EFFECTS SEEN IN ANIM ALS FROM A SINGLE EXPOSURE BY INHALATION INCLUDE CENTRAL NERVOUS SYSTEM DEPRESSION EFFECTS AT HIGH CONCENTRATIONS. LUNG IRRITATION & DEGENERATION OF THE LIVER & KIDNEYS WERE SEEN IN ANIMALS EXPOSED REPEATEDLY BY INHALATION TO LETHAL OR NEAR LETHAL CONCENTRATIONS. CARDIAC SENSITIZATION WAS OBSERVED IN DOGS EXPOSED TO CONCENTRATIONS OF 7.5% & HIGHER. ANIMAL TESTING IND ICATES THAT THIS COMPOUND DOES NOT HAVE MUTAGENIC OR EMBRYOTOXIC EFFECTS. NO ANIMAL TEST REPOR TS ARE AVAILABLE TO DEFINE CARCINOGENIC OR REPRODUCTIVE HAZARDS. THE COMPOUND DOES NOT PRODUCE DAMAGE IN BACTERIAL CELL CULTURES.
========= Ecological Information ===========
Ecological:NONE SPECIFIED BY RESPONSIBLE PARTY.
======== Disposal Considerations ===========
Waste Disposal Methods:COMPLY WITH ALL FEDERAL, STATE & LOCAL REGULATIONS. RECLAIM BY DISTILLATION OR REMOVE TO PERMITTED WASTE DISPOSAL.
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MSDS Transport Information ===========
Transport Information:DOT/IMO: PROPER SHIPPING NAME: BROMOTRIFLUOROMETHANE. HAZARD CLASS: 2.2. UN NO.: 1009. DOT/IMO LABEL: NON-FLAMMABLE GAS. SHIPPING CONTAINERS: CYLINDERS, TON TANKS.
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SARA Title III Information:SECTIONS 311/312: ACUTE: YES; CHRONIC: NO; FIRE: NO; REACTIVITY: NO; PRESSURE: YES.
Federal Regulatory Information:LISTS: EXTREMELY HAZARDS SUBSTA NCE: NO.
CERCLA HAZARDOUS SUBSTANCE: NO. TOXIC CHEMICALS: YES. TSCA INVENTORY STATUS: REPORTED/INCLUDED.
State Regulatory Information:NONE SPECIFIED BY RESPONSIBLE PARTY.
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