View NSN Online: https://aerobasegroup.de/nsn/6830-01-376-8401 E I DUPONT DE NEMOURS & CO, FREON PROD -- HALON 1301 FIRE EXTINGUISHANT 6830-01-376-8401 ============= Product Identification ======================== 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 Info 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 FENWAL

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 Sk

in: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 COMPONENT S 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 IRREG

ULAR 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 PERSON

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.

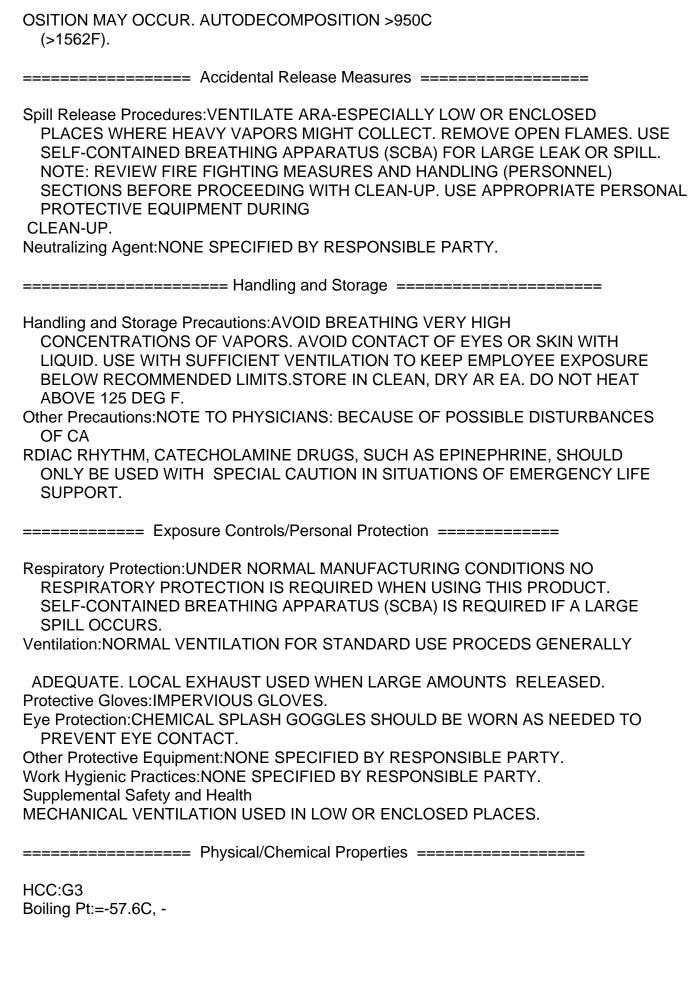
Fire Fighting Measures ==========

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. DECOMP



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 & mp; 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. St
ability 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.
========= Toxicological Information ==========
Toxicological Information:EFFECTS SEEN IN ANIMALS 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 REPORTS ARE AVAILABLE TO DEFINE CARCINOGENIC OR REPRODUCTIVE HAZARDS. THE COMPOUND DOES NOT PRODUCE DAMAGE IN BACTERIAL CELL CULTURES.
========== Ecological Information ============
Ecological-MONE SDECIFIED BY DESDONSIBLE DARTY

Waste Disposal Methods:COMPLY WITH ALL FEDERAL, STATE & LOCAL REGULATIONS. RECLAIM BY DISTILLATION OR REMOVE TO PERMITTED WASTE DISPOSAL.

SDS 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.
======================================
SARA Title III Information:SECTIONS 311/312: ACUTE: YES; CHRONIC: NO; FIRE: NO; REACTIVITY: NO; PRESSURE: YES.
Federal Regulatory Information:LISTS: EXTREMELY HAZARDS SUBSTANCE: NO.
CERCLA HAZARDOUS SUBSTANCE: NO. TOXIC CHEMICALS: YES. TSCA INVENTORY STATUS: REPORTED/INCLUDED.
State Regulatory Information:NONE SPECIFIED BY RESPONSIBLE PARTY.
======================================
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 infor
mation to be accurate and 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.