

E.I.DUPONT DE NEMOURS & CO.,FREON PRODUCTS DIVISIO -- HALON 1301 FIRE EXTINGUISHER  
-- 4210-00-555-8837

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

Product ID:HALON 1301 FIRE EXTINGUISHER

MSDS Date:12/01/1985

FSC:4210

NIIN:00-555-8837

MSDS Number: BMQDQ

=== Responsible Party ===

Company Name:E.I.DUPONT DE NEMOURS & CO.,FREON PRODUCTS DIVISIO

Address:CHESTNUT RUN,BLDG 711

City:WILMINGTON

State:DE

ZIP:19898

Info Phone Num:302-999-3847/4338

Emergency Phone Num:800-441-3647

Preparer's Name:T.D. ARMSTRONG

CAGE:DO229

=== 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:E.I.DUPONT DE NEMOURS & CO INC

Address:549 ALBANY STREET

Box:1635

City:BOSTON

State:MA

ZIP:02118

Phone:800-441-7515

CAGE:DO229

===== Compo

sition/Information on Ingredients =====

Ingred Name:TRIFLUOROBROMOMETHANE  
CAS:75-63-8  
RTECS #:PA5425000  
Fraction by Wt: 100%  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 8990  
Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:LC50 RAT >800000PPM(V/V)/4HR  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SEE SIGNS & SYMPTOMS OF OVEREXPOSURE

Effects of Overexposure:EYE/SKIN:CONTACT CAN CAUSE FROSTBITE;  
INHALATION:SUFFOCATION,LIGHT-HEADEDNESS,GIDDINESS,SHORTNESS OF  
BREATH.MAY LEAD TO NARCOSIS,CARDIAC IRREGULARITIES,UNCONSCIOUSNESS  
OR DEATH.  
Medical Cond Aggravated by Exposure:NONE NOTED.

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

First Aid:EYE/SKIN:FLUSH WITH WATER.IN CASE OF FROSTBITE,SEE  
DOCTOR;INHALATION:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEEDED.SEE  
DOCTOR.DO NOT GIVE EPINEPHRI  
NE OR SIMILAR DRUGS.

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

Flash Point:NONE  
Fire Fighting Procedures:WEAR SCBA & PROTECTIVE CLOTHING.SPRAY FIRE  
EXPOSED CONTAINERS WITH WATER.  
Unusual Fire/Explosion Hazard:CYLINDERS MAY RUPTURE OR RELEASE DURING  
FIRE CONDITIONS.

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA.REMOVE HOT METAL SURFACES OR  
SOURCE OF NON-EXTINGUISHED FLAMES.

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==== Handling and Storage =====

Handling and Storage Precautions:STORE IN CLEAN,DRY AREA.DO NOT HEAT ABOVE 125F(57C).

==== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. WEAR SCBA IN CASE OF LARGE SPILL.

Ventilation:LOCAL EXHAUST.

Protective Gloves:LINED BUTYL GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Work Hygienic Practices:AVOID LIQUID CONTACT WITH SKIN AND EYES AND UNNECESSARY BREATHING OF VA  
PORS.

Supplemental Safety and Health

IN EMERGENCY,EXPOSURE SHOULD BE LIMITED TO THE FOLLOWING:UP TO 7%,15 MINUTES;7-10%,1 MINUTE;10-15%,30 SECONDS;OVER 15%,PREVENT EXPOSURE.

==== Physical/Chemical Properties =====

HCC:G3

Boiling Pt:B.P. Text:-72F(-58C)

Vapor Pres:12134

Vapor Density:5.14

Spec Gravity:1.538

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIQUIFIED GAS,COLORLESS,SLIGHT ETHERNAL ODOR.

Percent Volatiles by Volume:100

==== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ALKALI OR ALKALINE EARTH METALS-POWDERED AL,ZN,BE,ETC.

Stability Condition to Avoid:HIGH TEMPERATURES,FLAMES.

Hazardous Decomposition Products:HYDROGEN FLUORIDE,HYDROGEN BROMIDE,FREE BROMINE-POSSIBLE CARBONYL HALIDES.

==== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN COMPLIANCE WITH ALL APPLICABLE FEDERAL,STATE AND LOCAL REGULATIONS.

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