

DEFENSE DISTRIBUTION DEPOT RICHMOND VIRGINIA -- GREAT LAKES HALON 1211 --
6830-01-219-8529

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

Product ID:GREAT LAKES HALON 1211
MSDS Date:09/01/1986
FSC:6830
NIIN:01-219-8529
MSDS Number: BYFMK
=== Responsible Party ===
Company Name:DEFENSE DISTRIBUTION DEPOT RICHMOND VIRGINIA
Address:8000 JEFFERSON DAVIS HIGHWAY
City:RICHMIND
State:VA
ZIP:23297
Country:US
Info Phon
e Num:804-279-3125
Emergency Phone Num:804-279-3125
Preparer's Name:RESEARCH SERVICES DEPT.
CAGE:02LX8
=== 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:GREAT LAKES CHEMICAL CORP
Address:1801 HWY 52 NW
Box:2200
City:WEST LAFAYETTE
State:IN
ZIP:47996-2200
Country:US
Phone:765-497-6100/800-949-5167
CAGE:2E394

===== Composition/Info

Information on Ingredients =====

Ingredient Name: BROMOCHLORODIFLUOROMENTHANE

CAS: 353-59-3

RTECS #: PA5250500

Fraction by Wt: >99%.

Other REC Limits: NONE SPECIFIED

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

LD50 LC50 Mixture: 211.2 MG/1 FOR RATS W/4HRS EXPOSURE

Routes of Entry: Inhalation: YES Skin: NO Ingestion: NO

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

Health Hazards Acute and Chronic: AT CONCENTRATIONS ABOVE 4 PERCENT, HALON 1211 CAN PRODUCE DIZZINESS, IMPAIRED COORDINATION, AND CARDIAC EFFECTS.

Explanation of Carcinogenicity: NOT CARCINOGENIC.

Effects of Overexposure: EXPOSURE FOR MORE THAN A FEW MINUTES, ABOVE 4 PERCENT (17 LB/1000 CU.FT. AIR) CAN PRODUCE DIZZINESS, IMPAIRED COORDINATION AND CARDIAC EFFECTS.

Medical Condition Aggravated by Exposure: CARDIAC CONDITIONS MAY BE AGGRAVATED BY OVER EXPOSURE.

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

First Aid: REMOVE VICTIM TO FRESH AIR. GIVE SYMPTOMATIC AND SUPPORTIVE

CARE. GET MEDICAL ATTENTION. NOTE: ADRENALIN IS CONTRAINDICATED IN THE TREATMENT OF OVEREXPOSURE TO HALON 1211.

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

Flash Point: NONFLAMMABLE GAS

Extinguishing Media: HALON 1211 IS A FIRE EXTINGUISHING AGENT

Fire Fighting Procedures: AT FLAME TEMPERATURE, HALON 1211 MAY RELEASE HYDROGEN HALIDES AND HALOGENS IN TRACE AMOUNTS.

Unusual Fire/Explosion Hazard: PRODUCTS ARE IRRITATING & POTENTIALLY TOXIC IF FIRE EX

TINGUISHMENT IS DELAYED. PREDOMINANT DECOMPOSITION PRODUCTS ARE HYDROGEN CHLORIDE/HYDROGEN BROMIDE.

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

Spill Release Procedures: VENTILATE ENCLOSED AREAS IN CASE OF INADVERTENT OR DELIBERATE DISCHARGE OF HALON 1211.

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

Handling and Storage Precautions: AVOID CONTAINER DAMAGE

Other Precautions: NONE

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

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Respiratory Protection:USE SELF CONTAINED BREATHING APPARATUS IF
EXPOSED TO CONCENTRATIONS GREATER THAN 4 PERCENT.
Ventilation:ALL INDOOR AREAS SHOULD BE WELL VENTILATED
Protective Gloves:NONE
Eye Protection:NONE
Other Protective Equipment:NONE
Work Hygienic Practices:DETERMINE THAT PIPING IS EMPTY BEFORE DOING
MAINTENANCE WORK.
Supplemental Safety and Health
NK

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

HCC:G3
Boiling Pt:B.P. Text:24.8F,-4.0C
Vapor P
res:1770 @ 68F
Vapor Density:5.8 @ 68F
Spec Gravity:1.83
Solubility in Water:INSOLUBLE
Appearance and Odor:COLORLESS GAS AND LIQUID WITH SWEET ODOR

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

Stability Indicator/Materials to Avoid:YES
ACTIVE METALS, FIRES OF METAL HYDRIDES, MATERIALS CONTAINING OWN
OXYGEN.
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:HYDROGEN HALIDES AND HALOGENS AT FLAME
TEMPERATURES IN TRACE AMOUNTS.

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Disposal Considerations =====

Waste Disposal Methods:DISPERSES IN ATMOSPHERE

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