

## **GREAT LAKES HALON 1211**

### **MSDS Number**

BHFBB

### **National Stock Number**

6830-00-965-2309

### **Product Name**

GREAT LAKES HALON 1211

### **Manufacturer**

GREAT LAKES CHEMICAL CORP

### **Product Identification**

Product ID: GREAT LAKES HALON 1211

MSDS Date: 09/01/1986

FSC: 6830

NIIN: 00-965-2309

MSDS Number: BHFBB

### **Responsible Party**

GREAT LAKES CHEMICAL CORPORATION

HIGHWAY 52 NW

WEST LAFAYETTE , IN 47906

US

Emergency Phone: 501-862-5141 OR 317-463-2511

Info Phone: 317-463-2511

Preparer: RESEARCH SERVICES DEPT.

Cage: 2E394

### **Contractor**

GREAT LAKES CHEMICAL CORP

2200

WEST LAFAYETTE, IN 47996-2200

US

765-497-6100/800-949-5167

Cage: 2E394

### **Ingredients**

BROMOCHLORODIFLUOROMENTHANE

CAS: 353-59-3

RTECS: PA5250500

Fraction By Weight: >99%.

### **Hazards**

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.

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

## First Aid

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

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

## Accidental Release

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

## Handling

Handling and Storage Precautions: AVOID CONTAINER DAMAGE  
Other Precautions: NONE

## Exposure Controls

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

## Chemical Properties

HCC: G3  
Boiling Pt: B.P. Text: 24.8F/-4C  
Vapor Pres: 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

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/HALOGENS AT FLAME TEMPERATURES IN TRACE AMOUNTS

## Disposal

Waste Disposal Methods: DISPERSES IN ATMOSPHERE

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