

GREAT LAKES CHEMICAL CORPORATION -- HALON 1202 -- 4210-00-677-6319

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Product Identification
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Product ID:HALON 1202

MSDS Date:09/01/1990

FSC:4210

NIIN:00-677-6319

MSDS Number: CGMVY

=== Responsible Party ===

Company Name:GREAT LAKES CHEMICAL CORPORATION

Address:HIGHWAY 52 NW

Box:2200

City:WEST LAFAYETTE

State:IN

ZIP:47906

Country:US

Info Phone Num:317-497-6100

Emergency Phone Num:501-862-

5141 OR 317-463-2511

CAGE:2E394

=== Contractor Identification ===

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

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Composition/Information on Ingredients
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Ingred Name:DIFLUORODIBROMOMETHANE

CAS:75-61-6

RTECS #:PA7525000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM; 9596

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Hazards I

dentification =====

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

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

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

Health Hazards Acute and Chronic:CONTACT WITH LIQUID CAN CAUSE FROSTBITE. A LEVEL OF 2500 PPM IS IMMEDIATELY DANGEROUS TO LIFE AND HEALTH. CHRONIC OVER-EXPOSUREE MAY CAUSE LIVER DAMAGE.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:NOSE/THROAT IRRITATION, DROWSINESS, UNCONSCIOUSNESS, FROSTBITE, ANAESTHETIC EFFECTS, CARDIAC ARRYTHMIAS.

Medical Cond Aggravated by Exposure:HEART CONDITIONS MAY BE AGGRAVATED BY EXPOSURE.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH S

OAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. NOTE: EPINEPHRINE IS CONTRAINDICATED IN THE TREATMENT OF OVER-EXPOSURE TO THIS PRODUCT.

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

Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:USE

WATER SPRAY TO COOL CYLINDER INVOLVED IN A FIRE. EXPOSURE TO PERSONNEL IS TO BE AVOIDED. WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:LOW LEVELS OF TOXIC AND CORROSIVE HALOGENS OR HALOGEN ACIDS ARE RELEASED IN FIRE SITUATIONS.

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

Spill Release Procedures:EVACUATE AREA. WEAR SELF-CONTAINED BREATHING APPARATUS, VENTILATE ENCLOSED AREAS IN CASE OF RELEASE.

Neutralizing Agent:NONE SPECIFIED

BY MANUFACTURER.

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

Handling and Storage Precautions:TRANSFER FROM ONE VESSEL TO ANOTHER MUST BE DONE IN A MANNER TO PREVENT EXPOSURE TO CONCENTRATIONS IN EXCESS OF 100 PPM. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:STORAGE TEMPERATURES SHOULD NOT EXCEED 125F. CYLINDERS SHOULD BE SECURED FOR STORAGE WITH VALVE PORTECTION CAP IN PLACE. STORAGE AREA SHOULD BE WELL VENTILATED.

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

Respiratory Protection:WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IF CONCENTRATIONS ABOVE 1000 PPM ARE EXPECTED. CONSULT ANSI STANDARD AND OSHA REGULATIONS CONCERNING THE USE OF RESPIRATORY EQUIPMENT. AVOID PROLONGED EXPOSURE TO EXCESSIVE LEVELS.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS REQUIRED TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:LINED NEOPRENE OR LEATHER

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

ENSURE THAT PIPING IS EMPTY BEFORE DOING MAINTENANCE WORK. PERIODICALLY CHECK CYLINDERS TO ENSURE VALVES ARE NOT LEAKING. DO NOT WEAR CONTACT LENSES AROUND THIS MATERIAL.

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

HCC:V1

Boiling Pt:B.P. Text:75.0F,23.9C

Melt/Freeze Pt:M.P/F.P Text:-233F,-147C

Vapor Pres:652

Vapor Density:7.2

Spec Gravity:2.29

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS, CLEAR LIQUID WITH SWEET-SMELLING ODOR

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

Stability Indicator/Materials to Avoid:YES

SODIUM, POTASSIUM, CALCIUM, POWDERED ALUMINUM

M, ZINC, MAGNESIUM

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

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

===== Disposal Considerations =====

Waste Disposal Methods:RETURN EMPTY CYLINDERS TO GREAT LAKES CHEMICAL
CORP, EL DORADO, ARKANSAS.

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