

GREAT LAKES CHEMICAL CORPORATION -- HALON 1211 -- 4210-01-254-5030

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Product Identification  
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Product ID:HALON 1211

MSDS Date:09/01/1990

FSC:4210

NIIN:01-254-5030

MSDS Number: BPPGV

=== 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

Company Name:WALTER KIDDE DIV, KIDDE INC.

Address:1349 SOUTH THIRD ST.

Box:City:MELBANE

State:NC

ZIP:27302

Country:US

Phone:919-556-6811

CAGE:61649

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Composition/Information on Ingredients  
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Ingred Name:CHLORODIFLUOROBROMOMETHANE

CAS:353

-59-3  
RTECS #:PA5270000  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE & CHRONIC- AT CONCENTRATIONS ABOVE 2 PERCENT, HALON 1211 CAN PRODUCE DIZZINESS, IMPAIRED COORDINATION & CARDIAC EFFECTS. SMOKING CAN CAUSE FORMATION OF TOXIC & IRRITATING HALOGENS & HALOGEN ACID S, WHICH COULD BE

INHALED WITH SMOKE.

Effects of Overexposure:AT CONCENTRATIONS ABOVE 2 PERCENT, HALON 1211 CAN PRODUCE DIZZINESS, IMPAIRED COORDINATION & CARDIAC EFFECTS. SMOKING CAN CAUSE FORMATION OF TOXIC & IRRITATING HALOGENS & HALOGEN ACIDS, WHICH COULD BE INHALED WITH SMOKE.

Medical Cond Aggravated by Exposure:CARDIAC CONDITIONS MAY BE AGGRAVATED BY OVEREXPOSURE TO THIS MATERIAL.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYE/SKIN:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. TREAT FOR FROSTBITE IF NEEDED. INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL: NOT LIKELY. NOTE:EPINEPHRINE IS CONTRAINDICATED IN THE TREATMENT OF OVEREXPOSURE TO THIS PRODUCT.

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

Flash Point:NON-FLAMMABLE  
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY T O COOL FIRE EXPOSED CONTAINERS.  
Fire Fighting Procedures:FULL PROTECTIVE CLOTHING & NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE IF CONTENTS ARE RELEASED.  
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:VENTILATE AREA WELL AND AVOID BREATHING VAPORS.

VAPOR CONCENTRATION WILL BE HIGHEST ALONG FLOOR AND IN LOW LYING AREAS. PICK UP LIQUID ON SUITABLE ABSORBENT AND STORE IN SEALED CONTAINERS.

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

Handling and Storage Precautions: STORAGE-STORE BELOW 125F, IN WELL VENTILATED AREA AWAY FROM INCOMPATIBLES.

Other Precautions: KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN. THIS PRODUCT FOR INDUSTRIAL USE ONLY. DO NOT USE IN CLOSED SPACE. AVOID BREATHING VAPORS OR MISTS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING.

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

Respiratory Protection: NON REQUIRED UNDER NORMAL CONDITIONS. IF HIGH VAPOR OR MIST CONCENTRATIONS (>2%) EXPECTED, WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. WEAR SUPPLIED-AIR RESPIRATOR PROTECTION IN CONFINED OR ENCLOSED SPACES, IF NEEDED.

Ventilation: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: NEOPRENE OR PVA

Eye Protection: SPLASH-PROOF SAFETY GOGGLES OR GLASSES

Other Protective Equipment: EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices: GOOD PERSONAL HYGIENE PRACTICES REQUIRE THAT GROSS AMOUNT OF ANY CHEMICAL BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL.

Supplemental Safety and Health

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

HCC: G3

Boiling Pt: B.P. Text: 24.8F, -4.0C

Vapor Pres: 1897 @ 70F

Va

por Density: 5.8 @ 68F

Spec Gravity: 1.83

Solubility in Water: INSOLUBLE

Appearance and Odor: COLORLESS GAS AND LIQUID WITH SWEET ODOR

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: YES

ACTIVE METALS, FIRES OF METAL HYDRIDES, MATERIALS CONTAINING OWN OXYGEN, CERTAIN POLYMERIC MATERIALS

Stability Condition to Avoid: EXCESSIVE HEAT AND FIRE

Hazardous Decomposition Products: HYDROGEN HALIDES AND HALOGENS

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

Waste Disposal Methods: MATERIAL MAY BE DISPOSED OF BY A LICENSED RECLAIMER OR INCINERATION FACILITY. CONSULT LOCAL, STATE AND FEDERAL REGULATIONS.

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