

COMPLIES WITH USDL SAFETY AND HEALTH REGULATIONS (29 CFR 1910.1200)

SECTION 1: MANUFACTURER

Amerex Corporation
P. O. Box 81
Trussville, AL 35173-0081

PRODUCT IDENTIFICATION

Halon 1211
Bromochlorodifluoromethane

EMERGENCY: Chemtrec: 1-800-424-9300
Amerex: 1-205-655-3271

SECTION 2: HAZARDOUS INGREDIENTS

| CHEMICAL NAME | CAS # | % | *ACGIH | | *OSHA | | OTHER |
|----------------------------|----------|-----|---------|------|---------|------|-------|
| | | | ppm TLV | STEL | ppm PEL | STEL | IDLH |
| Bromochlorodifluoromethane | 353-59-3 | 100 | NE | NE | NE | NE | NE |

*NE = None Established

SECTION 3: PHYSICAL DATA

BOILING POINT: -3 degrees C/26 degrees F..

VAPOR PRESSURE: 778 mm Hg @ 15.6 degrees C/60 degrees F.

VAPOR DENSITY: 5.7

SOLUBILITY IN WATER: Not Soluble.

SPECIFIC GRAVITY: Approximately 1.83.

PERCENT VOLATILE BY VOLUME: Not Applicable.

EVAPORATION RATE: Not Available.

pH: (10% solution) Not Applicable.

APPEARANCE & COLOR: This material is a colorless liquid. When under pressure at room temperature, this product vaporizes rapidly. Liquid and associated gases have a faint, sweet odor.

SECTION 4: FIRE AND EXPLOSION DATA

FLASH POINT: Not Applicable.

FLAMMABLE LIMITS: Not Applicable.

EXTINGUISHING MEDIA: None. Product is a fire extinguishing agent.

SPECIAL FIREFIGHTING PROCEDURES: Structural fire fighters must wear Self-Contained Breathing Apparatus and full protective equipment. Keep unused cylinders cool using a water spray. When involved in a fire cylinders may rupture violently, causing high-pressure release of gas.

SECTION 5: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not Established.

OSHA PEL: Not Established.

EFFECTS OF OVEREXPOSURE: In an oxygen deficient environment, this product may cause mild skin irritation, moderate eye irritation, dizziness, unconsciousness and death under some circumstances. This product is not known to cause chronic illness.

EMERGENCY FIRST-AID PROCEDURES:

SKIN EXPOSURE: In case of frostbite, place the frostbitten part in warm water or wrap affected parts gently in blankets.

EYE EXPOSURE: Seek immediate medical attention.

INHALATION: If gas is inhaled, remove victim to fresh air. If necessary, use trained personnel to administer supplemental oxygen supply and artificial respiration to support vital functions. Victim and rescuers must seek immediate medical attention.

SECTION 6: REACTIVITY DATA

STABILITY DATE: Stable.

INCOMPATIBILITY: Active metals such as powdered alumina & magnesium.

HAZARDOUS DECOMPOSITION PRODUCTS: When discharged on a fire, Bromide ions, Halogen compounds, Halogen acids. Only a few PPM creates an unpleasant, acrid odor.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 7: SPILL OR LEAK PROCEDURES

SMALL SPILLS: Decontaminate area with soapy water. Collect all rinsates and place in a double plastic bag & seal.

LARGE SPILLS: Use Level C: triple gloves, chemically resistant suit and boots, hard hat, and Self Contained Breathing Apparatus.

FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON-RECLAIMABLE SPILLS.

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not expected to be needed. Maintain oxygen levels of minimum of 19.5% If below 19.5% oxygen, use supplied air respiratory protection. At concentrations above 2% exposure to Halon 1211 can produce dizziness, impaired coordination and cardiac effects.

VENTILATION: Use with adequate ventilation. Use fan or vent to outside.

PROTECTIVE GLOVES: None normally required.

EYE PROTECTION: Safety glasses.

OTHER PROTECTIVE EQUIPMENT: None except for large spills (see Section 7).

HMIS: 2-0-0

NFPA: 2-0-0

SECTION 9: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Follow reasonable and safe practices.

Avoid getting chemicals ON YOU or IN YOU.

OTHER PRECAUTIONS: None.

ANSI Z400.1-1993 FORMAT MSDS AVAILABLE ON REQUEST