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SECTION I

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|---|------------------------------|---|
| MANUFACTURER'S NAME GREAT LAKES CHEMICAL CORPORATION | | EMERGENCY TELEPHONE NO. (501) 862-5141 |
| TRADE NAME AND SYNONYMS Great Lakes Halon 1301 | | |
| CHEMICAL NAME AND SYNONYMS Bromotrifluoromethane | | |
| CHEMICAL FAMILY Halocarbon | FORMULA CBrF ₃ | CAS Registry Number 75-63-8 |

SECTION II - HAZARDOUS INGREDIENTS

| COMPONENT | % | HAZARD DATA |
|-----------------------|-------|--------------|
| Bromotrifluoromethane | >99.6 | TLV 1000 ppm |
| Other halocarbons | <.4 | |

SECTION III - PHYSICAL DATA

| | | | |
|---|------------|---------------------------------------|--|
| BOILING POINT (°F) (-57.8°C.) | -72.0 | SPECIFIC GRAVITY (H ₂ O=1) | |
| VAPOR PRESSURE (mm Hg) (0°C) | 6200 | | |
| VAPOR DENSITY (AIR=1) | | | |
| SOLUBILITY IN WATER | Negligible | | |
| APPEARANCE AND ODOR Odorless, colorless gas; decomposition products irritating gases. | | | |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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|--|-----------------------|
| FLASH POINT (Method used) None | FLAMMABLE LIMITS None |
| EXTINGUISHING MEDIA Halon 1301 is a fire extinguishing media. | |
| SPECIAL FIRE FIGHTING PROCEDURES Above 1000°F, Halon 1301 may release hydrogen fluoride, hydrogen bromide, bromine, carbonyl fluoride and carbonyl bromide. | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS Predominant decomposition products are hydrogen fluoride and hydrogen bromide. The products are irritating and potentially toxic if fire extinguishment is delayed. | |

SECTION V - HEALTH HAZARD DATA

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| THRESHOLD LIMIT VALUE 1000 ppm |
| TOXICITY Approximate lethal concentration of Halon 1301 to the rat is 80% for 15 minutes. Halon 1301 has anesthetic and cardiac effects in humans at concentrations above 10% by volume, concentrations below 10% are considered safe for 0 to 5 minute exposures. Halon 1301 is classified as group 6 (least toxic) in the Underwriters' Laboratories' classification of comparative life hazards of fire extinguishing agents. |

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SECTION V - HEALTH HAZARD DATA (cont.)

EFFECTS OF OVEREXPOSURE

The anesthetic effect of Halon 1301 at levels below 10% is similar to a feeling of mild intoxication. Anesthetic effects end rapidly after exposure is terminated. Prolonged exposure to concentrations above 10% (15-20%), may lead to unconsciousness and possibly death.

EMERGENCY AND FIRST AID PROCEDURES

Remove victim to fresh air. Give symptomatic and supportive care. Get medical attention. NOTE: Adrenalin is contraindicated in the treatment of overexposure to Halon 1301.

SECTION VI - REACTIVITY DATA

| | | | |
|-----------|----------|---|---------------------|
| STABILITY | UNSTABLE | | CONDITIONS TO AVOID |
| | STABLE | X | |

INCOMPATIBILITY

HAZARDOUS DECOMPOSITION PRODUCTS In the presence of flames or hot surfaces: Hydrogen fluoride, hydrogen bromide, bromine, carbonyl fluoride, and carbonyl bromide.

| | | | |
|-----------------------------|----------------|---|---------------------|
| HAZARDOUS POLYMERIZATION | MAY OCCUR | | CONDITIONS TO AVOID |
| | WILL NOT OCCUR | X | |

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Air-out enclosed areas in case of inadvertent discharge of Halon 1301.

WASTE DISPOSAL METHOD

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

Required if concentrations greater than 10% are expected.

| | | |
|-------------|--|---------|
| VENTILATION | LOCAL EXHAUST | SPECIAL |
| | MECHANICAL All indoor areas should be well ventilated. | OTHER |

PROTECTIVE GLOVES

EYE PROTECTION

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid container damage.

OTHER PRECAUTIONS

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