PROTECTION R.T. INC.

564 ORLY, DORVAL QC H9P 1E9
TEL: (514) 631-1794 FAX: (514)631-6635
E-Mail: prtinc@videotron.ca

MATERIAL SAFETY DATA SHEET (MSDS) JANUARY 2024

Information on the form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act of 1970 and not to be used for other purposes. Use or disseminations of all or any part of this information for any other purpose may result in a violation of the law or constitute grounds for legal action.

Section I

Manufacturer	Emergency 24 HR Telephone #
Protection R.T.Inc.	CANUTEC 613-996-6666
Trade names and Synonyms	Halocarbom Halon 1301
CAS #	75-63-8
Chemical Name and Synonyms:	
Bromotrifluoromethane (1301 Halon)	

Section II Hazardous Ingredients

Component	%	Hazard Data
Bromotrifluoromethane and	99.9	TLV 1000ppm
Other Halocarbons	0.10	

Section III- Physical Data

Boiling Point deg, C	–58C(-72F)
Vapour Pressure(psig@20C)	100
Solubility in water:	negligible
Vapour density	5.3(Air-1.00)
Appearance and odor:	Odorless, colorless: decomposition produces iritating gases.
Vapour pressure	235psia @77F

Section IV- Fire and Explosion Hazard Data

Halon 1301 is used as an extinguishing agent and therefore not a problem when trying to control a blaze. Use extinguishing agent appropriate to other materials involved. Keep containers and surroundings cool with water spray as containers may rupture or burst in the heat of a fire.
Wear protective clothing and self-centered breathing apparatus as appropriate for specific fire conditions.

Section V-Health Hazard Data

Threshold limit value: 1000ppm
Acute toxicity: Inhalation 1 hourLC50(rat) –770.000ppm
Chronic toxicity: Halon 1301 is not expected to cause long term adverse health effects.
Genotoxicity & Reproductive toxicity: This product is not expected to cause adverse mutagenic & reproductive health effects

Section V1- Stability and Reactivity

Stability
Stable under normal conditions

Conditions to Avoid
Heat, High temperatures & exposure to direct sunlight

Hazadous Polymerization
Will not occur

SECTION V11-TRANSPORT INFORMATION

DOT CFP 172.101 Data Bromotrifluoromethane, 2.2, UN 1009

UN Proper Shipping Name: Bromotrifluoromethane or Refrigereant Gas R 13B1

UN Class: 2/2 Non-Flammable Gas

UN Packaging group: Non Applicable

REGULATORY INFORMATION

EU Label Information
Classification and labeling have been performed according to EU directives including amendments.

EU Hazard Symbol and Indication of Danger
Non Flammable gas

US REGULATIONS
This product is exempt from listing on the EPA substance control Act and also exempt from EINECS and DSL/NDSL listings.

WHMIS CLASSIFICATION
This product was classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all the information required by these regulations

PREPARED BY:

Protection R.T.Inc.
564 Orly Ave,
Dorval, Qc H9P 1E9
Protectionrt.com
514-631-1794

24 hour number: +1 (613) 996-6666