

SAFETY DATA SHEET

POTASSIUM BROMIDE

SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

BioShop Canada Inc.
5480 Mainway
Burlington, Ontario L7L 6A4
1-800-234-1179
Emergency Telephone No.: 1-905-466-3832
Chemical Name: Potassium Bromide
Catalog Number: POB301/POB333

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification:

Acute toxicity, Oral (Cat 5)
Skin irritation (Cat 2)
Eye irritation (Cat 2A)

PICTOGRAM:



SIGNAL WORD: WARNING

Hazard statements:

H303, may be harmful if swallowed
H315 causes skin irritation
H319 causes serious eye irritation

Precautionary statements:

P261 avoid breathing dust/fume/gas/mist/vapours/spray
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. remove contact lenses, if present and easy to do. Continue rinsing.
P303+P361+P331- IF ON SKIN: take off immediately all contaminated clothing. Rinse skin with water

Target Organs: Non known

Eyes: causes irritation..

Skin: May cause irritation.

Inhalation. May cause irritation to respiratory tract.

Ingestion.: May be harmful if swallowed.

CHRONIC HEALTH HAZARDS: none known.

SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	Purity
Potassium bromide	7758-02-3	≥100%

Molecular Formula: KBr
Molecular Weight: 119.0

SECTION 4 FIRST AID MEASURES

Eyes: Flush eyes with water . If irritation persists get medical aid immediately.

Skin: In case of contact, flush area immediately with water. Get medical aid if irritation persists.

Inhalation: Remove victim to fresh air. Get medical aid if irritation, coughing persists.

Ingestion: Wash mouth with water. DO NOT INDUCE VOMITING. Get medical aid if any symptoms appear.

SECTION 5 FIRE FIGHTING MEASURES

Flammable: No

Flash Point: N/A

Autoignition Temperature: N/A

Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.

Hazardous combustion products: Hydrogen bromide gas, potassium oxides.

Explosion Data: Not available

SECTION 6 ACCIDENTAL RELEASE MEASURES

Ventilate the area. Wear appropriate protective equipment. Sweep and place in a closed container.

SECTION 7 HANDLING AND STORAGE

Handling: Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Storage Conditions: Room temperature.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits:

ACGIH, NIOSH, OSHA, none listed

Use adequate ventilation. Avoid dust generation..

Wear appropriate protective equipment to prevent eye and skin exposure.

Wear appropriate respirator to prevent lung irritation.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: solid

Appearance and Odor: white to off white

Melting Point: 734C

Boiling Point: N/A

density: 2.7 g/cm³

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Vapor Density: N/A
Water Solubility: soluble, >100g/L
pH: 5.0-6.0

Prepared By: M.Kierdelewicz (President)
Date Prepared: Oct 6/2022
Phone: (800) 234-1179

SECTION 10 STABILITY AND REACTIVITY:

Stability: Stable at normal room temperature and pressure
Conditions to avoid: dust generation
Incompatibility: strong oxidizing agents.
Hazardous Decomposition Products: oxides of carbon, phosphorus, sodium
Hazardous Polymerization: Has not been reported

The information provided on this Material Safety Data Sheet is furnished in good faith and without warranty of any kind. The above information is believed to be correct and should be used only as a guide. BioShop Canada Inc. shall not be held liable for any damage resulting from the handling or from the contact with the above product. Observe all federal, provincial and state laws concerning health, safety and pollution.

SECTION 11 TOXICOLOGICAL PROPERTIES

Exposure Limits:

Oral, LD50, rat= 3070 mg/kg

Epidemiology: No data available
Teratogenicity: No data available
Reproductive Effects: No data available
Neurotoxicity: No data available
Mutagenicity: No data available
Carcinogenicity: not listed by ACGIH, IARC, NTP, or CA

SECTION 12 ECOLOGICAL INFORMATION

No information found.

SECTION 13 DISPOSAL CONSIDERATION

Waste Disposal: Burn in chemical incinerator. Observe all Federal, provincial and local regulations.

SECTION 14 TRANSPORT INFORMATION

DOT (US): Not regulated

IMDG: Not regulated

IATA: Not regulated

SECTION 15 REGULATORY INFORMATION

US: TSCA: listed
Canada: WHMIS: D2B
Toxic Material Causing Other Toxic Effects

SECTION 16 ADDITIONAL INFORMATION

Hazard Rating System (estimated)

NFPA	Health	Fire	Reactivity
	0	0	0