

SAFETY DATA SHEET

MAGNESIUM CHLORIDE, Hexahydrate

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: Magnesium Chloride, hexahydrate
Catalog Number: MAG510, MAG520

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification:
Not hazardous according to GHS

Potential Health Effects:
Eyes: may cause eye irritation
Skin: may cause skin irritation
Inhalation: may be harmful if inhaled
Ingestion: may be harmful if ingested

SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
Magnesium Chloride Hexahydrate	7791-18-6	100

Molecular Formula: MgCl₂.6H₂O
Molecular Weight: 203.3

SECTION 4 FIRST AID MEASURES

Eyes: Flush eyes with water.
Skin: In case of contact, flush area immediately with water.
Inhalation: Remove victim to fresh air.
Ingestion: Wash mouth with water.

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.
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: none listed
Use adequate ventilation.
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 crystals
Appearance and Odor: white crystals, odorless
Melting Point: 117° C
Specific Gravity: 1.56
Vapor Density: N/A
Water Solubility: yes
pH: 7.0

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: carbon oxides and magnesium oxides
Hazardous Polymerization: Has not been reported

SECTION 11 TOXICOLOGICAL PROPERTIES

Exposure Limits:
None available
Epidemiology: No data available
Teratogenicity: No data available
Reproductive Effects: No data available
Neurotoxicity: No data available
Mutagenicity: No data available

SECTION 12 ECOLOGICAL INFORMATION

No information found.

SECTION 13 DISPOSAL CONSIDERATION

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

SAFETY DATA SHEET

MAGNESIUM CHLORIDE, Hexahydrate

SECTION 14	TRANSPORT INFORMATION
-------------------	------------------------------

Shipping Information:

DOT: not regulated
IMDG: not regulated
IATA: not regulate

SECTION 15	REGULATORY INFORMATION
-------------------	-------------------------------

US : TSCA: not listed
European/International: N/A
Canada: WHMIS: not controlled

SECTION 16	ADDITIONAL INFORMATION
-------------------	-------------------------------

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

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.