

SAFETY DATA SHEET

BLASTISIDIN S HYDROCHLORIDE

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: BLASTISIDIN S HCL
Catalog Number: BLA477

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification:
Acute toxicity-Oral (category 1)

Pictogram:



Signal Word DANGER

Hazard statements: H300 Fatal if swallowed.

Precautionary statements
P264 Wash skin thoroughly after handling
P301+P310 IF SWALLOWED: Immediately call a POISON
CENTER or doctor/physician.

Target Organs: None known
Eyes: May cause eye irritation.
Skin: May cause skin irritation. May be harmful if absorbed through skin.
Inhalation: May cause irritation.
Ingestion: Harmful if swallowed
CHRONIC HEALTH HAZARDS: Not available

SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
BLASTISIDIN S HCL	3513-03-9	>99%

Molecular Formula: C17H26N8O5HCL
Molecular Weight: 458.69

SECTION 4 FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes. GET MEDICAL AID
Skin: Flush area immediately with plenty of soap and water while removing contaminated clothing and shoes..
Inhalation: Remove victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen . GET MEDICAL ATTENTION.
Ingestion: Wash mouth with water. Do not induce vomiting . GET MEDICAL AID

SECTION 5 FIRE FIGHTING MEASURES

General Information: Always wear full protective gear in the event of a fire. Toxic gases and vapors may be generated by decomposition or combustion. Excessive dust in combination with air can create an explosive mixture.
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. In the event of a fire always wear self-contained breathing apparatus, NIOSH/MSHA approved or equivalent.
Leak and Spill Procedures: Ventilate the area. Wear appropriate protective equipment. Cover with dry lime or soda. Sweep and place in a closed container. Avoid generating dust.

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. Minimize dust generation.
Storage Conditions: -20C

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: none listed by OSHA
ACGIH, N/A
Use adequate ventilation. AVOID DUST GENERATION.
Wear appropriate protective equipment to prevent eye and skin exposure. Wear appropriate respirator to prevent lung irritation.
Personal Protection: Lab coat, safety goggles, rubber gloves.
Ventilation: Local exhaust systems. Use fume hood
Respiratory protection: use OSHA/MSHA approved respirator.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: powder
Appearance and Odor: white crystalline

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Freezing/: N/A
Melting Point: N/A
Boiling Point: N/A
Specific Gravity: N/A
Vapor Density: N/A
Solubility: water
pH: N/A

Proper shipping name: Toxic solids, organic, n.o.s. (Blasticidin s hydrochloride)

SECTION 15 REGULATORY INFORMATION

US : TSCA: not listed
European/International:
R 25 toxic if swallowed.
S28A After contact with skin, wash immediately with plenty of water.
S37 Wear suitable gloves
S45 In case of accident seek medical advice..
Canada: WHMIS: D1A

SECTION 16 ADDITIONAL INFORMATION

Prepared By: M.Kierdelewicz (President)
Date Prepared: Jan 1/2025
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.

SECTION 10 STABILITY AND REACTIVITY:

Stability: Stable under normal temperatures and pressure
Conditions to avoid: dust generation. Excess heat
Incompatibility: Strong oxidizing agents
Hazardous Decomposition Products: carbon monoxide, carbon dioxide, hydrogen chloride, nitrogen oxide.
Hazardous Polymerization: Will not occur

SECTION 11 TOXICOLOGICAL PROPERTIES

Exposure Limits:

LD50 / LC50:
Oral, rat LD50=1mg/kg
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Epidemiology: No data available
Teratogenicity: No data available
Reproductive Effects: No data available
Neurotoxicity: No data available
Mutagenicity: No data available
Carcinogenicity: 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.

SECTION 14 TRANSPORT INFORMATION

Shipping Information:

DOT (US)
UN number: 2811 Class 6.1 Packing group: II
Proper shipping name: Toxic solids, organic, n.o.s. (Blasticidin s hydrochloride)

IMDG
UN number: 2811 Class 6.1 Packing group: II
Proper shipping name: Toxic solids, organic, n.o.s. (Blasticidin s hydrochloride)

IATA:
UN number: 2811 Class 6.1 Packing group: II