

SAFETY DATA SHEET

APROTININ

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: Aprotinin
Catalog Number: APR600/APR200

SECTION 2 HAZARDS IDENTIFICATION

GHS classification: Not hazardous according GHS

Potential Health Effects

Target Organs: no information found.

Eyes: May cause eye irritation.

Skin: May cause skin irritation.

Inhalation: May cause irritation. May be harmful if inhaled. The toxicological properties of this product have not been fully investigated.

Ingestion: May cause irritation of the digestive. May be harmful if swallowed tract. The toxicological properties of this product have not been fully investigated.

CHRONIC HEALTH HAZARDS: Adverse reproductive effects have been noted in animal studies..

SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
Aprotinin	9087-70-1	99+

Molecular Formula: C284H432N84O79S7

Molecular Weight: 6507.06

SECTION 4 FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes.

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. GET MEDICAL ATTENTION .

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.

Leak and Spill Procedures: Ventilate the area. Wear appropriate protective equipment. Cover with dry lime or soda. 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. 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: Solid

Appearance and Odor: white to off white powder. No odor

Melting Point: N/A

Boiling Point: N/A

Specific Gravity: N/A

Vapor Density: N/A

Solubility: yes

pH: N/A

SECTION 10 STABILITY AND REACTIVITY:

Stability: Stable under normal temperatures and pressure.

Conditions to avoid: excessive heat and dust generation

Incompatibility: oxidizing agents

Hazardous Decomposition Products: carbon dioxide, carbon monoxide, oxides of sulfur..

Hazardous Polymerization: will not occur

SECTION 11 TOXICOLOGICAL PROPERTIES

Exposure Limits:

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LD50 / LC50:
Not available

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 OSHA

SECTION 12	ECOLOGICAL INFORMATION
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No information found.

SECTION 13	DISPOSAL CONSIDERATION
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Waste Disposal: Burn in chemical incinerator. Observe all Federal, provincial and local regulations.

SECTION 14	TRANSPORT INFORMATION
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Shipping Information: Not regulated

SECTION 15	REGULATORY INFORMATION
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US : TSCA: not listed

European/International:

Not hazardous

Canada: WHMIS: **not hazardous**

SECTION 16	ADDITIONAL INFORMATION
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Prepared By: M.Kierdelewicz (President)

Date Prepared: Jan 1/2025

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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.