

SAFETY DATA SHEET

CYTOCHALSIN B

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: CYTOCHALSIN B
Catalog Number: CYT444

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification:

Acute toxicity, Oral ,Category 2
Acute toxicity, Inhalation , Category 1
Acute toxicity, Dermal, Category 2
Reproductive toxicity , Category 2

Pictogram;



Signal word: DANGER

Hazard statement(s)

H300 + H310 + H330 Fatal if swallowed, in contact with skin or if inhaled.
H361 Suspected of damaging fertility or the unborn child.

Precautionary statement(s)

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P262 Do not get in eyes, on skin, or on clothing. P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P284 Wear respiratory protection.
P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth.
P302 + P352 + P310 IF ON SKIN: Wash with plenty of water. Immediately call a POISON CENTER/doctor.
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P361 + P364 Take off immediately all contaminated clothing and wash it before reuse.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.
P501 Dispose of contents/ container to an approved waste disposal plant.

Potential health effects:

Harmful if swallowed or inhaled. Mutagen, Drug.
To the best of our knowledge, the toxicological properties have not been fully investigated.

Target Organs: liver
Eyes: May cause irritation..
Skin: May cause irritation. May be harmful if absorbed.
Inhalation: May cause irritation to respiratory tract. harmful if inhaled.
Ingestion: Harmful if swallowed..May cause irritation.

CHRONIC HEALTH HAZARDS: May have effect on fertility and/or unborn child.

SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
CYTOCHALSIN B	4930-96-2	>98

Molecular Formula: C₂₉H₃₇NO₂
Molecular Weight: 479.6

SECTION 4 FIRST AID MEASURES

Eyes: Flush eyes with water for 15 minutes . Get medical aid immediately.
Skin: In case of contact, flush area immediately with water. Get medical aid.
Inhalation: Remove victim to fresh air. Get medical aid immediately.
Ingestion: Wash mouth with water. DO NOT INDUCE VOMITING. Get medical aid immediately.

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

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PROTECTION

Exposure limits:
ACGIH, NIOSH, none listed
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.

Not regulated

Canada:
Not regulated

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: solid
Appearance and Odor: white powder.
Melting Point: 221-223C
Boiling Point: N/A
Specific Gravity: N/A
Vapor Density: N/A
Solubility: 2% methanol, DMSO, ethanol
pH: N/A

SECTION 15 REGULATORY INFORMATION

US : TSCA: listed
European/International:
.
Canada: WHMIS:, D2B

SECTION 16 ADDITIONAL INFORMATION

Hazard Rating System (estimated)

NFPA	Health	Fire	Reactivity
	4	0	0

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 at normal room temperature and pressure
Conditions to avoid: dust generation
Incompatibility strong oxidizing agents.
Hazardous Decomposition Products: carbon dioxide, carbon monoxide, nitrogen oxide.
Hazardous Polymerization: Has not been reported

SECTION 11 TOXICOLOGICAL PROPERTIES

Exposure Limits:

LD50/LC50:
LD/50 INTRAPERITONEAL RAT: 11mg/kg

Epidemiology: No data available
Teratogenicity: No data available
Reproductive Effects: may impair fertility
Neurotoxicity: No data available
Mutagenicity: may have affect on unborn
Carcinogenicity: No data available

SECTION 12 ECOLOGICAL INFORMATION

No data available

SECTION 13 DISPOSAL CONSIDERATION

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

SECTION 14 TRANSPORT INFORMATION

Shipping Information:
US: