

BioShop Canada Inc.

MATERIAL SAFETY DATA SHEET

COLCHICINE

I IDENTIFICATION:

BioShop Canada Inc.
5480 Mainway
Burlington, Ontario L7L 6A4
1-800-234-1179

Emergency Telephone No.: 905-466-3832
Chemical Name: Colchicine
Catalog Number: CLC406
Molecular Formula: C₂₂H₂₅NO₆
Molecular Weight: 399.44
WHMIS Classification: D2B
TSCA Status: Listed on the TSCA Inventory

II HAZARDOUS INGREDIENTS:

	CAS #	RTECS	%
Colchicine	64-86-8		>99%

III HAZARDS/TOXICOLOGICAL PROPERTIES:

Potential Health Effects:

Target Organs: Kidneys, bone marrow

Eyes: causes eye irritation.

Skin: causes skin irritation.

Ingestion: May cause irritation to GI tract. Harmful if swallowed. May cause kidney damage. May cause anemia

Inhalation: May cause respiratory irritation

CHRONIC HEALTH HAZARDS: May cause bone marrow abnormalities. May cause aplastic anemia. May cause kidney damage.

Toxicity Data:

Draize test, rabbit, eye: 1%/3D severe.

Oral mouse: LD50= 5886mg/kg

Epidemiology: No info found

Carcinogenicity: not listed .

Reproductive effects: see RTECS

Neurotoxicity: No info.

IV FIRST AID MEASURES:

Eyes: Immediately flush with plenty of water for at least 15 minutes.

Skin: Immediately flush area with soap and water. Remove contaminated clothing..

Inhalation: Remove from exposure to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms persist.

Ingestion: If swallowed wash mouth out with water if person is conscious. GET MEDICAL ATTENTION if symptoms persist. > Do Not induce vomiting.

V FIRE AND EXPLOSION HAZARDS:

Flammable: No

Extinguishing Media: water, dry chemical or chemical foam

Explosion Data: no data available

VI REACTIVITY:

Stability: Stable under normal temperature and pressure.

Conditions to avoid: . light sensitive.

Incompatibilities: strong oxidizing and reducing strong acids and bases. agents

Hazardous Combustion or Decomposition Products: Nitrogen oxides. Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur.

VII PHYSICAL DATA:

Physical State: solid

Appearance/odor: off white. Odorless

pH: 5.9

Vapor density: N/A

Vapor pressure: N/A

Viscosity: N/A

Freezing /Melting pt.: 142-150C

Boiling pt.: N/A

Decomposition temp: N/A

Solubility: soluble in water.

Specific Gravity: N/A

VIII PREVENTIVE MEASURES:

Respiratory protection: Wear appropriate NIOSH/MSHA approved

respirator, chemical resistant gloves, safety goggles and protective clothing.

Leak and Spill Procedures: Evacuate the area. Ventilate the area. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Absorb with sand or vermiculite and place in closed containers for disposal. Wash spill site after material pickup is complete.

Waste Disposal: See local authorities for proper disposal procedures. Do not flush down drain.

Other precautions: Avoid contact. Do not get in eyes, on skin, or clothing.

Storage Conditions: Store in a cool dry place. Keep tightly closed. Avoid ignition sources. Avoid moisture

Label Hazard Warning: POISON

Shipping Information: TOXIC SOLID ORGANIC NOS (COLCHICINE), CLASS 6.1, UN 2811 PACKING GROUP II

IX PREPARATION OF MSDS:

Prepared By: M. Kierdelewicz (President)

Date: Jan. 6/2012

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.