

SAFETY DATA SHEET

HYDROCORTISONE

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: Hydrocortisone
Catalog Number: HYD400

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification:

Reproductive toxicity, Category 1B

Pictogram:



Signal word: **DANGER**

Hazard statement:

H340 May cause genetic defects.

H361 Suspected of damaging fertility or the unborn child.

Precautionary statement:

P201 Obtain special instructions before use.

P281 Use personal protective equipment as required.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

Potential Health Effects

The toxicological properties of this substance has not been fully investigated

Eyes: May cause eye irritation.

Skin: May causes skin irritation. May be harmful if absorbed through skin

Inhalation: May cause irritation. May be harmful if inhaled.

Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed

CHRONIC HEALTH HAZARDS: no information found

SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
Hydrocortisone	50-23-7	99

Molecular Formula: C₂₁H₃₀O₅

Molecular Weight: 362.5

SECTION 4 FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes. Get medical aid if irritation occurs

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 ATTENTION if feeling unwell.

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. 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. Vacuum or sweep and place in a closed container. Avoid dust generation.

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: 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: powder

Appearance and Odor: white . no odor

Freezing/Melting Point: N/A

Boiling Point: N/A

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Specific Gravity: N/A
Vapor Density: N/A
Solubility: not soluble in water
pH: N/A

Prepared By: M.Kierdelewicz (President)
Date Prepared: Dec 29/2021
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, light, excess heat
Incompatibility: Oxidizing agents, strong acids.
Hazardous Decomposition Products: carbon monoxide, carbon dioxide.
Hazardous Polymerization: Has not been reported

SECTION 11 TOXICOLOGICAL PROPERTIES

Exposure Limits:

LD50: rat, >5,000mg/kg

Epidemiology: No data available
Teratogenicity: No data available
Reproductive Effects: may cause reproductive disorders
Neurotoxicity: No data available
Mutagenicity: No data available
Carcinogenicity: Not listed by ACGIH, IARC, NTP, or OSHA

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: Not hazardous for shipping

SECTION 15 REGULATORY INFORMATION

US: TSCA: listed
European/International: Hazard symbols: N/A. Safety phrases: S 24/25
Avoid contact with skin and eyes.
Canada: WHMIS: D1B, D2B

SECTION 16 ADDITIONAL INFORMATION

Hazard Rating System

NFPA	Health	Fire	Reactivity
1	1	0	0