

MATERIAL SAFETY DATA SHEET

GENTAMYCIN SULFATE, Solution 50mg/ml

I IDENTIFICATION:

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

Emergency Telephone No.: 905-466-3832
Chemical Name: Gentamycin sulfate
Catalog Number: GTA401
Molecular Formula: N/A
Molecular Weight: N/A
WHMIS Classification: D2A, D2B
TSCA Status: not listed on the TSCA Inventory

II HAZARDOUS INGREDIENTS:

	CAS #	%
Gentamycin sulfate 50mg/ml	1405-41-0	50mg/ml
Water		Balance

III HAZARDS/TOXICOLOGICAL PROPERTIES:

Potential Health Effects: May be harmful if swallowed may cause allergic reaction. May cause kidney damage

Target Organs: Kidneys, Eyes, skin respiratory system, kidneys, auditory system

Eyes: Causes eye irritation.

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

Inhalation: May be harmful if inhaled. May cause irritation. May cause nausea, vomiting. May cause allergic reaction, may cause CNS effects, hearing loss.

Ingestion: May be harmful if swallowed. May cause irritation. May cause nausea, vomiting. May cause allergic reaction, may cause CNS effects, hearing loss.

CHRONIC HEALTH HAZARDS: chronic exposure may cause kidney damage, reproductive damage,

Exposure Limits: Gentamycin sulfate solid

LD50 / LC50:

Oral rat: LD50=>5g/kg

Oral, mouse: LD50= 11g/kg

ACGIH, NIOSH, OSHA-NOT LISTED

Epidemiology: No data available

Teratogenicity: cardiovascular anomalies in rat. Developmental abnormalities in rats.

Reproductive Effects: may impair fertility

Neurotoxicity: causes auditory nerve damage

Mutagenicity: No data available

Carcinogenicity: Not listed by ACGIH, IARC, NTP, or OSHA

IV 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 and GET MEDICAL ATTENTION.

Ingestion: Wash mouth with water. DO NOT INDUCE VOMITING.GET MEDICAL ATTENTION.

V FIRE AND EXPLOSION HAZARDS:

Flammable: No

Flash Point: N/A

Extinguishing Media: Water, dry chemical, chemical foam or alcohol resistant foam.

Explosion Data: Not available

VI REACTIVITY:

Stability: Stable under normal temperatures and pressure

Conditions to avoid: excessive heat, dust generation.

Incompatibility: strong oxidizing reagents

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

Hazardous Polymerization: Will not occur

VII PHYSICAL DATA:

Physical State: Liquid

Appearance and Odor: colorless, clear

Freezing/Melting Point: N/A

Boiling Point: n/a

Specific Gravity: n/a

Vapor Density:

Solubility: Soluble in water

pH: 3.5-5.5 (5% soln)

VIII PREVENTIVE MEASURES:

Personal Protection: Wear appropriate protective gloves and clothes to prevent skin exposure.

Ventilation: Local exhaust systems.

Respiratory protection: Use NIOSH/MSHA approved full face-piece respirator.

Leak and Spill Procedures: Wear appropriate protective equipment. Sweep up then place into a suitable container for disposal.

Waste Disposal: Follow local disposal regulations.

Storage Conditions: Store in a cool, dry place. Store in a tightly closed container. 4° C

Label Hazard Warning: Irritating to eyes, respiratory system and skin.

Shipping Information: Not regulated

IX PREPARATION OF MSDS:

Prepared By: M. Kierdelewicz (President)

Date: Dec.27/2011

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,

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safety and pollution.