

SAFETY DATA SHEET

AMOXICILLIN, Trihydrate

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: Amoxicillin trihydrate
Catalog Number: AMO222

SECTION 2 HAZARDS IDENTIFICATION

Emergency overview:

GHS Classification:

Respiratory sensitizer (Category 1)
Skin sensitizer (Category 1)

Pictogram



Signal word: Danger

Hazard statements:

H317 May cause an allergic reaction.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statement:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P280 Wear protective gloves.
P342+P311 If experiencing respiratory symptoms: call a POISON CENTER or doctor/physician.

Potential Health Effects

Potential Health Effects: May be harmful if swallowed. May cause eye and skin irritation. May cause allergic reactions

Target Organs: Eyes, skin respiratory system

Eyes: Causes eye irritation.

Skin: Causes skin irritation.

Ingestion: May be harmful if swallowed. May cause irritation. May cause nausea, vomiting. May cause allergic reaction causing anaphylactic shock

Inhalation: Causes irritation. May cause allergic reaction.

CHRONIC HEALTH HAZARDS: No information

SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
Amoxicillin	26787-78-0	>90%

Molecular Formula: C16H19N3O5S
Molecular Weight: 365.4

SECTION 4 FIRST AID MEASURES

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

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.

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid
Appearance and Odor: white to off-white, odorless
Melting Point: 209-210° C
Boiling Point: n/a
Specific Gravity: n/a
Vapor Density:
Solubility: Soluble in water
pH: n/a

SECTION 10 STABILITY AND REACTIVITY:

Stability: Stable under normal temperatures and pressure
Conditions to avoid: dust generation
Incompatibility: strong oxidizing reagents
Hazardous Decomposition Products: carbon monoxide, carbon dioxide, nitrogen oxides, oxides of sulfur
Hazardous Polymerization: Will not occur

SECTION 11 TOXICOLOGICAL PROPERTIES

Exposure Limits:

LD50 / LC50:
Oral rat: LD50=15g/kg

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

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 regulated

SECTION 15 REGULATORY INFORMATION

US : TSCA: not listed
European/International: N/A
Canada: WHMIS: **D2A, D2B**

SECTION 16 ADDITIONAL INFORMATION

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.