

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: Dec 29/2021
Phone: (800) 234-1179

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Observe all federal, provincial and state laws concerning health, safety and pollution.