



MATERIAL SAFETY DATA SHEET

Section 1- Chemical Product and Company Identification

Product name: Amoxicillin Trihydrate

Chemical family: Penicillin

Therapeutic use: Antibiotic agent

Description: White crystalline powder

Company: Aurora Industry Co.,Ltd.

Address:Room 7033, No.9-1, Haifu Road, Dalian Free Trade Zone, China

Tel:0411-82288674

Section 2 - Composition, Information on Ingredients

Chemical Name Amoxicillin Trihydrate

CAS# 61336-70-7

Section 3 - Hazards Identification

Target organs: eyes, skin, respiratory, gut, blood.

May cause eye irritation. Inhalation may cause allergic reaction. Oral administration may cause

allergic reactions including gastrointestinal tract upset, skin rashes, blood disorders, asthmatic-like symptoms.

Chronic: unknown.

Section 4 - First Aid Measures

Inhaled: Remove to fresh air. Provide oxygen if needed.

Oral: Decision to induce vomiting must be made by qualified medical personnel. Call a physician/poison control center immediately.

Section 5 - Fire Fighting Measures

Flash point: none.

Extinguishment media: water spray, carbon dioxide, foam or dry chemical for surrounding fire. Use water spray to cool fire exposed containers.

Special fire fighting proc: Wear protective clothing and noisy-approved self-contained breathing apparatus. Move containers from fire area if possible without personal risk.

Unusual fire and explosion hazards: As with any finely divided organic solid, dust may be explosive if mixed with air in critical proportions & in the presence of an ignition source.

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.



Spills/Leaks: Wear protective equipment. Carefully scoop up or shovel spilled material into a suitably labeled container for recovery or disposal. Avoid generating dust.

Section 7 - Handling and Storage

Neutralizing agent: not relevant

Waste disposal method: Recover or recycle if possible. Disposal should be in accordance with all local, state and federal regulations. Recommended procedure is by landfill.

Precautions-handling/storing: store in cool, dry place away from incompatible materials. Keep out of reach of children.

Other precautions: As a general rule, when handling pharmaceutical products, avoid all forms of contact and inhalation of dust, fumes, mists, and/or vapors associated with the product. Ground all equipments.

Section 8 - Exposure Controls, Personal Protection

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Amoxicillin trihydrate	not established	xh8310000	not established

OSHA Vacated PELs:

Amoxicillin trihydrate: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes: Wear dust-resistant safety goggles.

Skin: Wear disposable surgical latex/rubber to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Section 9 - Physical and Chemical Properties

Physical State: Powder

Appearance: White to off-white

Odor: Sulfurous odor of penicillin

pH: 3.5~5.5.

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate: Not relevant.

Viscosity: Not relevant.

Boiling Point: Not available.

Freezing/Melting Point: Unknown

Decomposition Temperature: Unknown

Solubility: 40% (soluble)

Specific Gravity/Density: Unknown.

Molecular Formula: C₁₆H₁₉N₃O₅S · 3H₂O

Molecular Weight: 419.4



Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Not relevant.

Incompatibilities with Other Materials: Acids, bases.

Hazardous Decomposition Products: Toxic gases including carbon monoxide, carbon dioxide, oxides of sulfur and nitrogen may be formed.

Hazardous Polymerization: No.

Section 11 - Toxicological Information

RTECS#: XH8310000

CAS#:61336-70-7

Section 12 - Ecological Information

Ecotoxicity: No data available. No information available.

Environmental: No data available.

Physical: No data available.

Other: None.

Section 13 - Disposal Considerations

Recover or recycle if possible. Disposal should be in accordance with all local, state and federal regulations. Recommended procedure is by landfill.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

Section 14 - Transport Information

IMO/IMDG:Non-Hazardous for Sea Transport:Non-hazardous for sea transport.

Not applicable

Section 15 - Regulatory information

GB15603-1995 Dangerous chemicals storage general rule

GB13690-92 Dangerous chemicals classification and symbol

Section 16 - Additional Information

Created Date: 03/12/2022, 21:33 PM

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