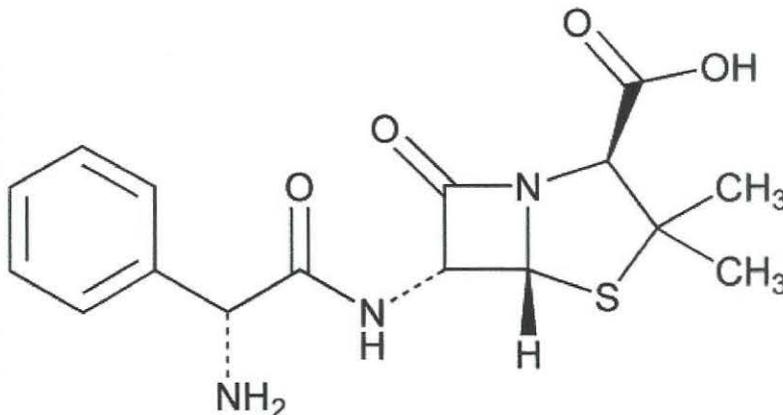


1. PRODUCT AND COMPANY INFORMATION

Product Name: Sterile Ampicillin For Injectable Suspension, Veterinary
Common / Trade Name: Ampicillin Trihydrate

Structure:



Chemical Name: (1) 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[(aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-, [2S-[2a,5a,6b(S*)]]-; (2) (2S,5R,6R)-6-[(R)-2-Amino-2-phenylacetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid

Molecular Formula: C₁₆H₁₉N₃O₄S - 3H₂O
UNII Code: UNII-HXQ6A1N7R6
CAS Number: 7177-48-2
Chemical Family: Antibacterial
Product Use: Pharmaceutical (Veterinary)
Product Type: Prescription Drug
Container Information: Vials

Emergency Phone Number: CHEMTREC – 1-800-424-9300

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2. HAZARDS IDENTIFICATION

PRIMARY PHYSICAL AND HEALTH HAZARDS:

This substance has caused adverse reproductive and fetal effects in animals. May cause kidney damage. May cause central nervous system effects. May cause allergic respiratory and skin reaction. May cause eye, skin, and respiratory tract irritation. Target Organs: Blood, kidneys, central nervous system.

**ROUTES OF ENTRY:
SIGNS & SYMPTOMS OF EXPOSURE:**

Inhalation, eye/skin contact, and/or ingestions

Eye: Causes eye irritation.

Skin: Causes skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon reexposure to this material. May cause skin rash and eruptions.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause kidney damage.

Inhalation: May cause allergic respiratory reaction. May cause respiratory tract irritation.

Chronic: May cause reproductive and fetal effects.

CHEMICAL LISTED AS CARCINOGEN:

NTP: NO

IARC: Not classifiable

OSHA: NO

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>Weight %</u>	<u>CAS No.</u>
Ampicillin Trihydrate	100	7177-48-2

4. FIRST AID MEASURES

EYE EXPOSURE:

Wash out with fresh running water for at least 15 minutes. Ensure complete irrigation of the eyes by keeping eyelids well open. Consult a doctor.

SKIN EXPOSURE:

Remove contaminated clothing and replace them with clean and dry ones. Wash the exposed skin area immediately with mild soap and water. Seek medical attention in case of irritation.

INGESTION:

Rinse mouth and seek medical advice immediately. Do not attempt to give any solid or liquid by mouth if the exposed subject is unconscious or semiunconscious.

INHALATION:

Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.

NOTE TO PHYSICIAN:

For use in animals only. Not for human use.

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5. FIRE FIGHTING MEASURES	
FLASH POINT:	Not applicable
AUTO-IGNITION TEMPERATURE:	Not applicable
FLAMMABLE LIMITS IN AIR:	Not available
FLAMMABLE LIMITS:	Not available
EXTINGUISHING MEDIA:	Water spray, carbon dioxide, dry powder.
UNUSUAL FIRE / EXPLOSION HAZARDS:	When heated to decomposition material, it emits toxic fumes as carbon monoxide, carbon dioxide, sulfur compounds and nitrogen oxides.
6. ACCIDENTAL RELEASE MEASURE	
SPILL:	Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation. Avoid the use of oxidizing agents to wash the affected areas.
RELEASE TO AIR:	Avoid inhalation and contact with eyes and skin.
RELEASE TO WATER:	Keep away from drains. Avoid spillage in water and sewage systems
7. HANDLING AND STORAGE	
GENERAL HANDLING:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with skin and eyes. Keep container tightly closed. Avoid ingestion and inhalation. Use antistatic bags and grounding procedures equipment. Avoid static discharges accumulation.
STORAGE CONDITIONS:	Store at or below 25°C. Avoid exposure to heat sources.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:	NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced
EYE PROTECTION:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
VENTILATION:	General room ventilation is usually satisfactory. Use local exhaust ventilation if necessary.
SKIN PROTECTION:	Wear appropriate protective gloves to prevent skin exposure. Wear appropriate protective clothing to prevent skin exposure.
OTHER PROTECTIVE EQUIPMENT:	As Needed
ADDITIONAL EXPOSURE PRECAUTIONS:	Wash hands and face before breaks and immediately after handling product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Powder	SPECIFIC GRAVITY:	Not determined
APPEARANCE	White	EVAPORATION RATE:	Not applicable
BOILING POINT:	Not available	MELTING POINT:	Not applicable
VAPOR PRESSURE:	Not determined	SOLUBILITY IN WATER:	Not applicable
VAPOR DENSITY:	Not determined	pH:	5.2-6.8

10. STABILITY AND REACTIVITY

STABILITY:	Stable
INCOMPATIBILITY : (MATERIALS TO AVOID)	Strong oxidizing agents, strong acids, strong bases
HAZARDOUS POLYMERIZATION:	Will not occur
HAZARDOUS DECOMPOSITION:	Carbon oxides, nitrogen oxides, sulfur oxides
CONDITIONS TO AVOID:	High temperatures

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11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

COMPONENT	TYPE	ROUTE	SPECIES	DOSAGE
Ampicillin Trihydrate	LD ₅₀	Oral	Rat	10g / kg

*Occasionally hypersensitivity reactions have been reported in patients on penicillin therapy. These reactions are more likely to occur in individuals with a history of penicillin hypersensitivity and / or a history of sensitivity to multiple allergens.

12. ECOLOGICAL INFORMATION

No applicable information found.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of any cleanup materials and waste residue according to all applicable laws and regulations

14. TRANSPORT INFORMATION

REGULATORY ORGANIZATIONS:

DOT: Not Regulated
ICAO / IATA: Not Regulated
IMO: Not Regulated

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15. REGULATORY INFORMATION

Below is selected regulatory information chosen primarily for possible WG Critical Care use. This section is not a complete analysis or reference to all applicable regulatory information. Please consider all applicable laws and regulations for your city / state / country.

US Regulations

TSCA – No
CERCLA-No
SARA 302 – No
SARA 313 – No
OSHA Substance Specific - No

16. . OTHER INFORMATION

As of the date of issuance, we are providing available information relevant to the handling of this material in the workplace. All information contained herein is offered with the good faith belief that it is accurate. THIS SAFETY DATA SHEET SHALL NOT BE DEEMED TO CREATE ANY WARRANTY OF ANY KIND (INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE). In the event of an adverse incident associated with this material, this safety data sheet is not intended to be a substitute for consultation with appropriately trained personnel. Nor is this safety data sheet intended to be a substitute for product literature which may accompany the finished product.

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