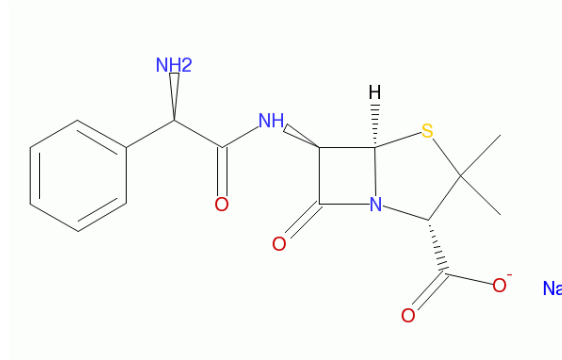


1. PRODUCT AND COMPANY INFORMATION

Product Name: **Ampicillin Sodium for Intravenous or Intramuscular Use in Horses Only**

Common / Trade Name: Ampicillin Sodium

Structure:



Chemical Name: (1) 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[(aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-, monosodium salt, [2S-[2 α ,5 α ,6 β (S*)]]-;
 (2) Monosodium D-(-)-6-(2-amino-2-phenylacetamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate

Molecular Formula: C₁₆H₁₈N₃NaO₄S MW: 371.39

UNII Code: UNII-JFN36L5S8K

CAS Number: 69-52-3

Chemical Family: Antibacterial
Product Use: Pharmaceutical
Product Type: Prescription Drug

Container Information: Vials

Emergency Phone Number: CHEMTREC 800-424-9300

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2. HAZARDS IDENTIFICATION

PRIMARY PHYSICAL AND HEALTH HAZARDS: May cause respiratory tract, eye, and skin irritation. May cause allergic respiratory and skin reaction

ROUTES OF ENTRY: Inhalation, eye/skin contact and/or ingestion

SIGNS & SYMPTOMS OF EXPOSURE: May cause sensitization by inhalation and skin contact. Irritating to eyes, respiratory system, and skin. May cause allergic reaction in penicillin-sensitive individuals.

CHEMICAL LISTED AS CARCINOGEN: **NTP:** NO **IARC:** NO **OSHA:** NO

3. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>Ingredient</u> | <u>Weight %</u> | <u>CAS No.</u> |
|-------------------|-----------------|----------------|
| Ampicillin Sodium | 100% | 69-52-3 |

4. FIRST AID MEASURES

EYE EXPOSURE: Immediately rinse eyes with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Seek medical advice.

SKIN EXPOSURE: Remove contaminated clothing immediately. Wash off immediately with plenty of water for at least 15 minutes. Obtain medical attention if skin reaction occurs.

INGESTION: Never attempt to induce vomiting. Flush mouth out with water immediately. Seek medical attention.

INHALATION: Use appropriate personal protective equipment. Move to fresh air and monitor breathing. If breathing becomes difficult, maintain ventilation, give oxygen as appropriate, and seek medical attention.

NOTE TO PHYSICIAN: See patient package insert in shipping carton for complete information.

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5. FIRE FIGHTING MEASURES

| | |
|--|---|
| FLASH POINT: | Not Established |
| AUTO-IGNITION TEMPERATURE: | Not Established |
| FLAMMABLE LIMITS IN AIR: | Lower %: Not Established Upper %: Not Established |
| FLAMMABLE LIMITS: | Not Established |
| EXTINGUISHING MEDIA: | Water, carbon dioxide, dry chemical powder, polymer foam. Water is recommended for fires involving packaging. |
| UNUSUAL FIRE / EXPLOSION HAZARDS: | Carbon Oxides (CO _x), nitrogen oxides (NO _x), sodium oxides, sulfur oxides (SO _x) may be emitted upon thermal decomposition. Dust clouds are potentially sensitive to ignition from electrostatic discharge especially if finely divided. |

6. ACCIDENTAL RELEASE MEASURE

| | |
|--------------------------|--|
| SPILL: | Contain and collect spillage and place in container for disposal according to local regulations (See Section 13). Wipe surface area clean with soap and water. Avoid contact with strong oxidizing agents. |
| RELEASE TO AIR: | Prevent release to drains and waterways. Prevent release to the environment. |
| RELEASE TO WATER: | Refer to local water authority. Drain disposal is not recommended; refer to local, state, and federal disposal guidelines. |

7. HANDLING AND STORAGE

| | |
|----------------------------|--|
| GENERAL HANDLING: | When handling pharmaceutical products, avoid all contact and inhalation of dust, fumes, mist, and/or vapors associated with the product. Keep away from sources of ignition. |
| STORAGE CONDITIONS: | Store at controlled room temperature between 20° – 25°C in the original packaging. |

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|---|--|
| RESPIRATORY PROTECTION: | If respiratory protection is used, the type of protection will depend upon air concentration present, required protection factor as well as hazards, physical properties of substance. |
| EYE PROTECTION: | Safety glasses with side shields or goggles are recommended. |
| VENTILATION: | General room ventilation is usually satisfactory. Use local exhaust ventilation if necessary. |
| SKIN PROTECTION: | Protect with disposable garments if direct skin contact is anticipated. |
| OTHER PROTECTIVE EQUIPMENT: | Chemical resistant gloves. |
| ADDITIONAL EXPOSURE PRECAUTIONS: | Wash hands and face before breaks and immediately after handling product. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------------|---------------------|-----------------------------|------------------|
| PHYSICAL STATE: | Crystalline Powder | SPECIFIC GRAVITY: | Not Available |
| APPEARANCE AND ODOR: | White – Pale Yellow | EVAPORATION RATE: | Not Available |
| BOILING POINT: | Not Available | MELTING POINT: | 205° C |
| VAPOR PRESSURE: | Not Available | SOLUBILITY IN WATER: | Soluble in water |
| VAPOR DENSITY: | Not Available | pH: | 8.0-10.0 |

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10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions

INCOMPATIBILITY : (MATERIALS TO AVOID) Not Available

HAZARDOUS POLYMERIZATION: No hazardous polymerizations

HAZARDOUS DECOMPOSITION: Formed under fire conditions: Carbon Oxides (CO_x), nitrogen oxides (NO_x), sodium oxides, sulfur oxides (SO_x)

CONDITIONS TO AVOID: No conditions contributing to instability are known to exist. Avoid contact with strong oxidizing agents

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

| COMPONENT | TYPE | ROUTE | SPECIES | DOSAGE |
|-------------------|------------------|-----------------|---------|-------------|
| Ampicillin Sodium | LD ₅₀ | Oral | Rat | 5314 mg/kg |
| Ampicillin Sodium | LD ₅₀ | Intraperitoneal | Rat | 7400 mg/kg |
| Ampicillin Sodium | LD ₅₀ | Subcutaneous | Rat | >5314 mg/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

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14. TRANSPORT INFORMATION

REGULATORY ORGANIZATIONS:

DOT: Not Regulated

ICAO / IATA: Not Regulated

IMO: Not Regulated

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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