

SAFETY DATA SHEET

Ampicillin Sodium (for Use in Horses)

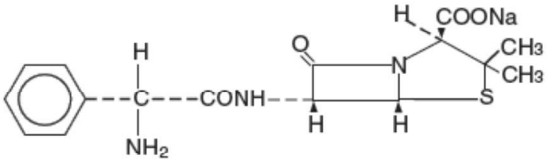
SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Ampicillin Sodium (for use in Horses)
Amount:	1 g/10 mL, 3 g/20 mL
Company Identification:	US VET 120 Route 17 North Suite 115 Paramus, NJ 07652 USA
Emergency Contact Info:	CHEMTREC 800-424-9300
Intended Uses:	Anti-Infective
Jurisdiction:	This Safety Data Sheet meets the requirements of the OSHA Hazard Communication Standard.

SECTION 2 – HAZARD IDENTIFICATION

Routes of Entry:	Inhalation, eye/skin contact, or ingestion.
Note:	May cause sensitization by inhalation and skin contact. Irritating to eyes, respiratory system and skin. May cause allergic reaction in penicillin-sensitive individuals.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	Ampicillin Sodium
Chemical name:	Ampicillin Sodium Monosodium salt of [2S-[2 α , 5 α , 6 β (S*)]]-6- [(aminophenylacetyl)-amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo [3.2.0] heptane-2-carboxylic acid
Category:	Anti-Infective
CAS #:	69-52-3
Molecular Formula:	C ₁₆ H ₁₈ N ₃ NaO ₄ S
Structural Formula:	
Molecular Weight:	371.39
Content:	100%
Chemical Class:	Anti-Infective

SECTION 4 – FIRST AID MEASURES

Ampicillin Sodium (for Use in Horses)

Date of Issue: 06/15/24

US VET Veterinary Products

Page 1

Eye Contact:	Immediately rinse eyes with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Seek medical advice.
Skin Contact:	Remove contaminated clothing immediately. Wash off immediately with plenty of water for at least 15 minutes. Obtain medical attention if skin reaction occurs.
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.
Ingestion:	Never attempt to induce vomiting. Flush mouth out with water immediately. Seek medical attention.
Acute/Chronic Effects and Symptoms:	Allergy
Contact Info:	For adverse event information, please call (866) 562-4708

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media:	Water, carbon dioxide, dry chemical powder, polymer foam. Water is recommended for fires involving packaging.
Fire Fighting Equipment:	Use personal protective equipment. In the event of fire, wear self-contained breathing apparatus.
Hazardous Combustion Products:	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.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Refer to protective measures listed in Section 8. Use recommended personal protective equipment. Eliminate all sources of ignition, ventilate area and avoid dust generation.
Environmental Precautions:	Prevent release to drains and waterways. Prevent release to the environment.
Clean-up Methods:	Collect in a manner that does not create dust. 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.

SECTION 7 – HANDLING AND STORAGE	
Handling Precautions:	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°C to 25°C (68°F to 77°F) in the original container. Keep tightly closed.
SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION	
Exposure Limits:	Not established by ACGIH, NIOSH, OSHA
Engineering Controls:	General room ventilation is usually satisfactory. Use local exhaust ventilation if necessary.
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 present.
Eye Protection:	Safety glasses with side shields or goggles are recommended.
Hand Protection:	Chemical resistant gloves.
Skin and Body Protection:	Protect with disposable garments if direct skin contact is anticipated.
Hygiene:	Wash hands and face before breaks and immediately after handling the product.
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES	
Physical State:	Crystalline powder
Color:	White – pale yellow
Odor:	Not available
Density (relative):	Not available
Boiling Point:	Not available
Freezing Point:	Not available
Melting Point:	205°C
Solubility:	Very soluble in H ₂ O
Flash Point:	Not available
Evaporation Rate:	Not available
Flammability:	UEL: Not available LEL: Not available
pH:	8.0 - 10.0
Vapor Pressure:	Not available
Vapor Density:	Not available
Relative Density:	Not available

SECTION 10 - STABILITY AND REACTIVITY	
Chemical Stability:	Stable under normal conditions. No hazardous polymerization.
Conditions to Avoid:	No conditions contributing to instability are known to exist. Avoid contact with strong oxidizing agents.
Incompatible Products:	Not available
Hazardous Decomposition Products:	Formed under fire conditions: carbon oxides (CO _x), nitrogen oxides (NO _x), sodium oxides, sulfur oxides (SO _x).
SECTION 11 – TOXICOLOGY INFORMATION	
Routes of Entry:	Ingestion, inhalation, eye contact, skin contact.
Eye Irritation:	Contact may be irritating to eyes.
Skin Irritation:	May cause sensitization and irritation by skin contact.
Inhalation:	The substance or preparation can induce specific respiratory hypersensitivity. In this context hypersensitivity is normally seen as asthma, but other hypersensitivity reaction such as rhinitis and alveolitis are also considered. The condition will have the clinical character of an allergic reaction.
Acute Exposure:	Properties have not been further investigated: LD50 (oral-rat)=5314 mg/kg LD50 (intraperitoneal-rat)=7400 mg/kg LD50 (subcutaneous-rat)>5314 mg/kg
Target Organs:	Gastrointestinal Blood
Carcinogenesis:	No carcinogenetic data found.
Other Effects:	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.
SECTION 12 - ECOLOGICAL INFORMATION	
Exotoxicity:	Not available
Chemical Fate:	Not available
Environmental Fate:	Not available
SECTION 13 – DISPOSAL CONSIDERATIONS	
Disposal Procedure:	Disposal must be in accordance with applicable federal, state and local regulations.



SECTION 14 – TRANSPORT INFORMATION	
This material is not a dangerous good for the purpose of transportation.	
SECTION 15 – REGULATORY INFORMATION	
OSHA Hazards:	Skin and respiratory sensitizer.
SARA 313 Components:	This material does not contain any chemical components listed on the SARA 313 inventory.
TSCA:	No products were found.
SECTION 16 – OTHER INFORMATION	
SDS Prepared by:	G.C. Hanford Manufacturing Company Regulatory Affairs Department 304 Oneida Street Syracuse, NY 13201
References:	ACS-DOBFAR MSDS F330330 19 December 2005 SIGMA ALDRICH MSDS A9518 12/27/08 v.3.0 CALBIOCHEM MSDS 171254 9/20/06
The information contained herein pertains to this material and is believed to be accurate and represents the best information reasonably available at time of preparation. USVet assumes no liability resulting from the use of or reliance upon the information contained in this safety data sheet. This safety data sheet does not constitute the guarantee or specifications of the product.	

Signature Manifest

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Title: AMPICILLIN SODIUM (FOR USE IN HORSES) - Safety Data Sheet

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All dates and times are in Eastern Time.

AMPICILLIN SODIUM (FOR USE IN HORSES) - Safety Data Sheet

Change Request Approval

Name/Signature	Title	Date	Meaning/Reason
Rebecca Bertone (RAB)	Regulatory Affairs/Compliance	15 Apr 2024, 09:21:32 AM	Approved

Owner Approval

Name/Signature	Title	Date	Meaning/Reason
Rebecca Bertone (RAB)	Regulatory Affairs/Compliance	31 May 2024, 12:07:41 PM	Approved

Originator

Name/Signature	Title	Date	Meaning/Reason
Rebecca Bertone (RAB)	Regulatory Affairs/Compliance	31 May 2024, 12:07:25 PM	Approved

Senior Quality Approval

Name/Signature	Title	Date	Meaning/Reason
Jenna Trommel (JST)	Senior Director of Quality	31 May 2024, 12:46:53 PM	Approved

Release

Name/Signature	Title	Date	Meaning/Reason
Jack Malfitano (JTM)	Standards Specialist	31 May 2024, 01:04:37 PM	Approved

Review: GCH-STD-RA-0141 02 AMPICILLIN SODIUM (FOR USE IN HORSES) - Safety Data Sheet

Review

Name/Signature	Title	Date	Meaning/Reason
Rebecca Bertone (RAB)	Regulatory Affairs/Compliance	22 May 2026, 03:38:41 PM	Reviewed