

SAFETY DATA SHEETS

This SDS packet was issued with item:

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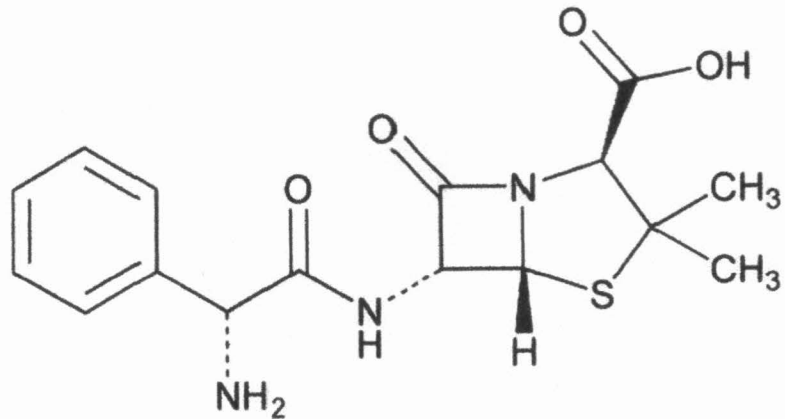
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1. PRODUCT AND COMPANY INFORMATION

Product Name: Sterile Ampicillin For Injectable Suspension, Veterinary

Active Ingredient / Primary Component: 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) for injectable suspension
Product Type: Prescription Drug
Container Information: Vials
Emergency Phone Number: CHEMTREC – 1-800-424-9300

U.S. VET (United States Veterinary Products)

Sterile Ampicillin For Injectable Suspension, Veterinary		Safety Data Sheet (SDS)	
Version: 1.0	Issue Date: 15 June 2015	Page 1 of 7	

2. HAZARDS IDENTIFICATION

CAUTION!

For use in animals only. Not for human use.

PRECAUTIONARY STATEMENTS:

Keep only in original container.
 Keep at a temperature not exceeding 30°C.
 Fire-fighting: Use foam, carbon dioxide, dry powder, and water fog or material appropriate for surrounding fire.
 Avoid contact with eyes, skin, and clothing.
 Wash thoroughly with soap and water after handling.
 Wear suitable gloves and eye/face protection.
 Spills: Sweep spilled substance into appropriate waste containers.
 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
 If swallowed, seek medical advice immediately and show this container or label.
 In case of contact with eyes, flush with gently flowing fresh water thoroughly.
 Wash skin thoroughly with soap and water after handling.
 Dispose of contents and container in accordance with applicable local authority requirements.
 Keep out of reach of children.
 Keep away from food, drink, and animal feedstuffs.

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, skin.

ROUTES OF ENTRY:

Inhalation, eye/skin contact, and/or ingestion

U.S. VET (United States Veterinary Products)

Sterile Ampicillin For Injectable Suspension, Veterinary		Safety Data Sheet (SDS)	
Version: 1.0	Issue Date: 15 June 2015	Page 2 of 7	



SIGNS & SYMPTOMS OF EXPOSURE:

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. Prolonged and repeated exposure may cause possible hypersensitization and central nervous system 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.

U.S. VET (United States Veterinary Products)

Sterile Ampicillin For Injectable Suspension, Veterinary		Safety Data Sheet (SDS)	
Version: 1.0	Issue Date: 15 June 2015	Page 3 of 7	

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.

U.S. VET (United States Veterinary Products)

Sterile Ampicillin For Injectable Suspension, Veterinary		Safety Data Sheet (SDS)	
Version: 1.0	Issue Date: 15 June 2015	Page 4 of 7	



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. Keep in the original container. Store at controlled room temperatures (25°C), with excursions permitted from 15-30°C (59-86°F) Store away from food. Avoid exposure to heat sources.

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 and 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

U.S. VET (United States Veterinary Products)

Sterile Ampicillin For Injectable Suspension, Veterinary		Safety Data Sheet (SDS)	
Version: 1.0	Issue Date: 15 June 2015	Page 5 of 7	

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

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

CARCINOGENS: None listed.

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. Do not empty into drains. Do not contaminate water, food, or feed by disposal.

14. TRANSPORT INFORMATION

REGULATORY ORGANIZATIONS:

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

U.S. VET (United States Veterinary Products)

Sterile Ampicillin For Injectable Suspension, Veterinary		Safety Data Sheet (SDS)	
Version: 1.0	Issue Date: 15 June 2015	Page 6 of 7	



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

Federal law restricts this drug to use by or on the order of a licensed veterinarian.

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.

References: ACS Dobfar MSDS, Ampicillin Trihydrate, F330315 version 2, 11/3/2010
Fisher Scientific MSDS, Ampicillin Trihydrate #60934 revision 6, 7/20/2009
Boehringer Ingelheim MSDS, Polyflex, 2/19/2010

U.S. VET (United States Veterinary Products)

Sterile Ampicillin For Injectable Suspension, Veterinary		Safety Data Sheet (SDS)	
Version: 1.0	Issue Date: 15 June 2015	Page 7 of 7	