

SAFETY DATA SHEETS

This SDS packet was issued with item:

078625977

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078625993

MATERIAL SAFETY DATA SHEET	MSDS # 3510-445
Identity: BIOMOX® (amoxicillin) Veterinary for Oral Suspension	Page 1 of 3
Product Code: 92515 & 92530	

Section I	
Supplier Information:	Emergency Telephone Number
Name: VIRBAC CORP. (Virbac AH Inc., Allerderm®, Francodex®, Mardel®, St. JON®, PMResources, Zema®)	Transportation: Chemtrec 800-424-9300 Other emergencies: POISON CONTROL CENTER or 911
Address: P. O. BOX 162059	Telephone Number for Information
City: FORT WORTH	Contact Virbac: 800-338-3659
State: TX 76161	

Section II - Hazardous Ingredients/Identity Information					
Hazardous Components	OSHA PEL	ACGIH TLV	STEL	CAS #	% (opt.)
(Special Chemical Identification; Common Name)					
Active ingredient:					
Amoxicillin trihydrate	Not Applicable	Not Applicable	Not Applicable	61336-70-7	50 mg / ml
Inactive ingredient:					
Cherry flavor	Not Applicable	Not Applicable	Not Applicable		
Silicon Dioxide NF	Not Applicable	Not Applicable	Not Applicable	7631-86-9	
FD&C Red #40	Not Applicable	Not Applicable	Not Applicable	25956-17-6	
Polyoxyethylene-polyoxypropylene glycol	Not Applicable	Not Applicable	Not Applicable		
Sodium benzoate	Not Applicable	Not Applicable	Not Applicable	532-32-1	
Sodium citrate	Not Applicable	Not Applicable	Not Applicable	68-04-2	
Sodium saccharin	Not Applicable	Not Applicable	Not Applicable	128-44-9	
sucrose	Not Applicable	Not Applicable	Not Applicable	57-50-1	

Section III - Physical/Chemical Characteristics	
Boiling Point:	Not Applicable
Specific Gravity (H ₂ O = 1):	Not Applicable
Vapor Pressure (mm Hg):	Not Applicable
Melting Point:	Not Applicable (< 0 °F)
Vapor Density (AIR = 1):	Not Applicable
Evaporation Rate (Butyl Acetate = 1):	Not Applicable
Solubility in Water:	Soluble
Appearance and Odor:	Off-white to pink powder

Section IV - Fire and Explosion Hazard Data	
Flash Point (Method Used):	Not Applicable
Flammable Limits:	LEL: Not Applicable UEL: Not Applicable
Extinguishing Media:	Water spray, dry chemical, carbon dioxide, or foam suitable for the surrounding fire and materials.
Special Firefighting Procedures:	Persons allergic to penicillin should not attempt to fight fire.
Unusual Fire and Explosion Hazards:	Not Applicable

Section V - Reactivity Data	
Stability	STABLE
Incompatibility	(Materials to Avoid): Acids.
Hazardous Decomposition or Byproducts:	May emit irritating smoke if burned.
Hazardous Polymerization	WILL NOT OCCUR
Conditions to Avoid:	None

Identity: BIOMOX® (amoxicillin) Veterinary for Oral Suspension

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Product Code: 92515 & 92530

Section VI - Health Hazard Data**NOT FOR HUMAN CONSUMPTION.**

Routes of Entry: Inhalation? YES Skin? YES Ingestion? YES

Health Hazards (Acute and Chronic): None presently known.

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure: Ingestion of large quantities may cause nausea and in some cases vomiting.
Contact with skin may irritate the skin and cause a rash.
Dust particles may irritate the eyes.
Inhalation of dust may irritate mucous membranes and upper respiratory tract.
Non-hazardous unless individual is allergic to antibiotic.
If allergic reaction occurs, get medical attention immediately.

Medical Conditions Generally Aggravated by Exposure: Persons with asthma should avoid breathing in airborne powder as it may cause difficulty in breathing.
Persons allergic to penicillin should not work with this product.

Emergency and First Aid Procedures

INGESTED: If nausea or vomiting persists, contact a physician or Poison Control Center immediately.

SKIN CONTACT: Wash affected areas promptly and thoroughly with soap and water. Rinse thoroughly. Call a physician if irritation persists.

EYE CONTACT: Remove dust particle. Rinse eyes with water for a minimum of 15 minutes to 20 minutes holding eye open. Remove contact lenses, if present, after the first 5 minutes. Call a physician if irritation persists.

INHALATION: Remove affected person from area. If irritation or respiratory difficulty continues, contact a physician.

Note to Physician:

Persons hypersensitive to penicillin may develop allergic reactions upon ingestion, inhalation, or other contact with this product. Such allergic reactions may result in anaphylactic shock.
Persons with such hypersensitivities should avoid working with this product.
If an allergic reaction to this product occurs, contact a physician immediately.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Wet spilled material thoroughly to minimize airborne dust. Wear dust mask or respirator capable of filtering dust while performing clean-up.

Waste Disposal Method: Dispose of in a sanitary landfill in accordance with all applicable federal, state and local laws.

Precautions to be Taken in Handling or Storage: Store at a controlled room temperature 15-30°C (59-86°F). After reconstitution with required amount of water store at room temperature or refrigerated, discard unused portion of reconstituted suspension after 14 days.

Other Precautions: NOT FOR HUMAN CONSUMPTION.
For use in dogs only.
Keep out of the reach of children.

Section VIII - Control Measures

Respiratory Protection: OSHA / NIOSH approved respirator when working with bulk product.

Ventilation Local Exhaust: Ventilation
Special: Not Applicable
Mechanical (General): Not Applicable

Protective Gloves: Not Applicable

Eye Protection: Goggles or full-face shield must be worn when filling hopper and during spill, leak and disposal procedures.

Other Protective Clothing or Equipment: None required.

Work/Hygienic Practices: Wash hands after using.
For use only in accordance with product label.

Identity: BIOMOX® (amoxicillin) Veterinary for Oral Suspension**Page 3 of 3**Product Code: 92515 & 92530

Section IX - Additional Information

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Francodex is a registered trademark of VBSA.

BIOMOX, Mardel and Zema are registered trademarks of Virbac Corporation.

Disclaimer of Expressed and Implied Warranties: This information is provided in good faith but without express or implied warranty. Buyer assumes all responsibility for safety and use not in accordance with label instructions.

NADA:65-495

Prepared by Regulatory Affairs Department

New MSDS Dated: May 5, 2008

Supersedes MSDS Date: December 5, 2007



SAFETY DATA SHEET

Biomox® (amoxicillin)

Veterinary for Oral Suspension

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATIONS AND OF THE COMPANY UNDERTAKING

Product Name	Biomox® (amoxicillin) Veterinary for Oral Suspension
Recommended use of the chemical and restrictions on use	
Identified uses	Antibiotic mixture for reconstitution
Restrictions on Use	Antibiotic for use in dogs. Federal law restricts this drug to use by or on the order of a licensed veterinarian.
Company Identification	Virbac AH, Inc. P.O. Box 162059 Fort Worth, Texas 76161
Customer Information Number	(800) 338-3659
Emergency Telephone Number	
Chemtrec Number	(800) 424-9300
Other Emergency Number:	Poison Control Center: 1-800-222-1222 (human) HOT LINE NUMBER: 1-800-345-4735 (human and pet)
Issue Date	May 27, 2015
Supersedes Date	January 30, 2012

Safety Data Sheet prepared in accordance with OSHA's Hazard Communication Standard (29 CFR 1910.1200) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

2. HAZARDS IDENTIFICATION

Hazard Classification
Skin Sensitization – Category 1
Respiratory Sensitization – Category 1

Label Elements
Hazard Symbols



Signal Word: Danger

Hazard Statements
May cause allergy or asthma or breathing difficulties if inhaled.
May cause an allergic skin reaction.

Precautionary Statements
Prevention

Avoid breathing dust.
In case of inadequate ventilation wear respiratory protection.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves.



2. HAZARDS IDENTIFICATION

Response

If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.

If experiencing respiratory symptoms: Call a poison center or doctor.

If on skin: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

Storage

None

Disposal

Dispose of contents/container in accordance with local and national regulations.

Other Hazards

None

Specific Concentration Limits

The values listed below represent the percentages of ingredients of unknown toxicity.

Acute oral toxicity 1 - 10%

Acute dermal toxicity 10 - 20%

Acute inhalation toxicity 10 - 20%

Acute aquatic toxicity 90 - 100%

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms:

This product is a mixture.

Component Name	CAS Number	Concentration
Sucrose	57-50-1	80 - 90%
Amoxicillin Trihydrate	61336-70-7	5 - 15%

4. FIRST AID MEASURES

Description of necessary first-aid measures

Eyes

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin

Wash skin with soap and water. Obtain medical attention if redness or soreness persists.

Ingestion

Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation

Remove person to fresh air. Seek medical attention if symptoms persist.

Most important symptoms/effects, acute and delayed

Aside from the information found under Description of necessary first aid measures (above) and Indication of immediate medical attention and special treatment needed, no additional symptoms and effects are anticipated.



4. FIRST AID MEASURES

Indication of immediate medical attention and special treatment needed

Notes to Physicians

Treat symptomatically.

5. FIRE - FIGHTING MEASURES

Extinguishing Media

Use extinguishing media appropriate for surrounding materials.

Unusual Fire and Explosion Hazards

This product is a powder and if significant amounts are suspended in air may pose an explosion risk during a fire.

Protective Equipment for Fire-Fighting

Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing.

Environmental Precautions

Prevent the material from entering drains or watercourses.

Methods and materials for containment and cleaning up

Sweep and dispose of small amounts in trash. Large amounts should be disposed of in a sanitary landfill. Prevent the material from entering drains or watercourses.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear appropriate protective clothing. Avoid contact with skin, eyes and clothing. Wash and remove contaminated clothing before reuse. Wash hands thoroughly after handling and before eating, drinking or smoking.

Conditions for safe storage

Store in original container at temperatures below 77°F (25°C). Store away from children and pets.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits are listed below, if they exist.

Sucrose

ACGIH: TLV 10 mg/m³ TWA 8h

OSHA: PEL 5 mg/m³, respirable fraction

OSHA: PEL 15 mg/m³, total dust



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls

No specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels.

Individual protection measures

Respiratory Protection

Not required under normal conditions of use.

Skin Protection

Gloves

Eye/Face Protection

Safety glasses or goggles.

Body Protection

Normal work wear

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

	Physical State	Powder
	Color	Off-white to pink
Odor		No data available
Odor Threshold		No data available
pH		No data available
Density		No data available
Boiling Range/Point (°C/F)		No data available
Melting Point (°C/F)		No data available
Flash Point (PMCC) (°C/F)		Not flammable
Vapor Pressure		No data available
Evaporation Rate (BuAc=1)		No data available
Solubility in Water		Soluble
Vapor Density (Air = 1)		No data available
VOC		No data available
Partition coefficient (n-octanol/water)		Not applicable
Viscosity		Not applicable
Auto-ignition Temperature		No data available
Decomposition Temperature		No data available
Upper explosive limit		No data available
Lower explosive limit		No data available
Flammability (solid, gas)		No data available

10. STABILITY AND REACTIVITY

Reactivity

Data is not available

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous polymerization will not occur.



10. STABILITY AND REACTIVITY

Conditions to Avoid

Heat - high temperatures

Incompatible Materials

None known.

Hazardous Decomposition Products

Oxides of carbon - nitrogen oxides - sulphur oxides - sodium oxides

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Amoxicillin:

Oral LD50 (rat) >15,000 mg/kg

Sucrose

Oral LD50 (rat) 29,700 mg/kg

Specific Target Organ Toxicity (STOT) – single exposure

No relevant studies identified.

Specific Target Organ Toxicity (STOT) – repeat exposure

No relevant studies identified.

Serious Eye damage/Irritation

No relevant studies identified.

Skin Corrosion/Irritation

No relevant studies identified.

Respiratory or Skin Sensitization

Amoxicillin: May cause respiratory and skin sensitization in individuals with penicillin allergies. Individuals who are sensitive to beta lactam antibiotics, both penicillins and cephalosporins, may experience contact or systemic hypersensitivity and anaphylaxis upon exposure to this drug.

Carcinogenicity

Not considered carcinogenic by NTP, IARC, and OSHA.

Germ Cell Mutagenicity

No relevant studies identified.

Reproductive Toxicity

Amoxicillin is rated by the FDA for therapeutic use as Pregnancy Category B: Animal reproduction studies have failed to demonstrate a risk to the fetus and there are no adequate and well-controlled studies in pregnant women.

Aspiration Hazard

Not an aspiration hazard.



12. ECOLOGICAL INFORMATION

Ecotoxicity

No relevant studies identified.

Mobility in soil

No relevant studies identified.

Persistence/Degradability

No relevant studies identified.

Bioaccumulative Potential

No relevant studies identified.

Other adverse effects

No relevant studies identified.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

Contact supplier for transport information.

15. REGULATORY INFORMATION

United States TSCA Inventory

This product is a drug and therefore is not regulated under the US EPA Toxic Substance Control Act.

Canada DSL Inventory

This product is a drug and therefore is not regulated under the Canadian Environmental Protection Act.

California Proposition 65

This product contains the following materials which the State of California has found to cause cancer, birth defects or other reproductive harm: None

SARA Title III Sect. 311/312 Categorization

Immediate (Acute) Health Hazard

SARA Title III Sect. 313

This product contains a chemical that is listed in Section 313 at or above de minimis concentrations. The following listed chemicals are present: None



16. OTHER INFORMATION

Legend

ACGIH: American Conference of Governmental Industrial Hygienists
BOD: Biological Oxygen Demand
CAS#: Chemical Abstracts Service Number
FIFRA: Federal Insecticide, Fungicide and Rodenticide Act
IARC: International Agency for Research on Cancer
LC50: Lethal Concentration 50%
LD50: Lethal Dose 50%
N/A: Denotes no applicable information found or available
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit
TLV: Threshold Limit Value
TSCA: Toxic Substance Control Act

Revision Date: May 27, 2015

Replaces: January 30, 2012

Changes made: Updated to GHS classification.

Information Source and References

This SDS is prepared by Hazard Communication Specialists based on information provided by internal company references.

Prepared By: EnviroNet LLC.

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