



# SAFETY DATA SHEET

## Biomox® (amoxicillin)

### Veterinary for Oral Suspension

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

<b>Product Name</b>	Biomox® (amoxicillin) Veterinary for Oral Suspension
<b>Recommended use of the chemical and restrictions on use</b>	
<b>Identified uses</b>	Antibiotic mixture for reconstitution
<b>Restrictions on Use</b>	Antibiotic for use in dogs. Federal law restricts this drug to use by or on the order of a licensed veterinarian.
<b>Company Identification</b>	Virbac AH, Inc. P.O. Box 162059 Fort Worth, Texas 76161
<b>Customer Information Number</b>	(800) 338-3659
<b>Emergency Telephone Number</b>	
<b>Chemtrec Number</b>	(800) 424-9300
<b>Other Emergency Number:</b>	Poison Control Center: 1-800-222-1222 (human) HOT LINE NUMBER: 1-800-345-4735 (human and pet)
<b>Issue Date</b>	May 27, 2015
<b>Supersedes Date</b>	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/m<sup>3</sup> TWA 8h

OSHA: PEL 5 mg/m<sup>3</sup>, respirable fraction

OSHA: PEL 15 mg/m<sup>3</sup>, 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

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

Biomox is a registered trademark of Virbac.

The information and recommendations presented in this SDS are based on sources believed to be accurate. Virbac AH, Inc. assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the material for their particular purposes. In particular, we make NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should ensure that any use or disposal of the material is in accordance with applicable Federal, State, and local laws and regulations.