



MATERIAL SAFETY DATA SHEET
BIOMOX® (amoxicillin) for Oral Suspension
Product Codes: 92515 and 92530

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

Product Name BIOMOX® (amoxicillin) Veterinary for Oral Suspension
Product Description Antibiotic for dogs
Manufacturer/Supplier Virbac AH, Inc.
Address P.O. Box 162059
Fort Worth, Texas 76161
Phone Number (800) 338-3659
Chemtrec Number (24 hour) (800) 424-9300
Other Emergency Numbers: Poison Control Center: 1-800-222-1222
MSDS Revision Date: January 30, 2012
Supersedes MSDS Dated: February 23, 2009

Material Safety Data Sheet in compliance with OSHA's Hazcom Standard (29 CFR 1910.1200)

2. HAZARDS IDENTIFICATION

Emergency Overview
CAUTION!

May cause adverse gastrointestinal, central nervous system and kidney effects.
May cause allergic respiratory or skin reaction in individuals with penicillin allergies.
Keep out of reach of children.

Routes of Entry

Eye contact - Skin contact - Ingestion - Inhalation

Carcinogenic Status

Not considered carcinogenic by NTP, IARC, and OSHA.

Target Organs

Eye - Skin - Respiratory Tract - Gastrointestinal Tract - Kidney - Central Nervous System

Health Effects - Eyes

Contact may cause eye irritation.

Health Effects - Skin

Contact with skin may cause irritation and skin sensitization.

Health Effects - Ingestion

Ingestion of large quantities of this material may cause gastrointestinal effects such as nausea, vomiting and diarrhea, adverse central nervous system and kidney effects. Ingestion may cause allergic reactions (rash, hives, wheezing, anaphylactic reactions) in individuals with penicillin allergies.

Health Effects - Inhalation

Inhalation may cause irritation of respiratory tract and respiratory sensitization in individuals with penicillin allergies.⁴

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS Number	Concentration
Amoxicillin Sodium	34642-77-8	10 - 11%
Sucrose	57-50-1	80 - 90%



4. 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 thoroughly with soap and water. Obtain medical attention if redness or soreness persists.

Ingestion

Contact a physician immediately if ingested. Physician may call a poison control center for advice concerning human ingestion.

Inhalation

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

Advice to Physicians

Federal (U.S.A.) law restricts this drug to use by or on the order of a licensed veterinarian.

5. FIRE - FIGHTING MEASURES

Extinguishing Media

Use extinguishing media appropriate for surrounding materials.

Unusual Fire and Explosion Hazards

This product is a dust 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

Sweep and dispose of small amounts in trash. Large amounts should be disposed of in a sanitary landfill.

7. HANDLING AND STORAGE

Store in original container at temperatures below 77° F (25° C). Keep out of sunlight. Keep container tightly closed in a cool dry place. Keep away from children. Wash hands after dispensing and before eating, drinking or smoking. Use product on or before expiration date.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards

Exposure limits are listed below, if they exist.

Amoxicillin sodium

None established.

Sucrose

ACGIH: TLV 10 mg/m³ TWA 8h

OSHA: PEL 5 mg/m³, respirable fraction

OSHA: PEL 15 mg/m³, total dust

Engineering Control Measures

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

Respiratory Protection

Not required under normal conditions of use. Avoid creation of airborne dust.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand Protection

Gloves

Eye Protection

Not required under normal conditions of use. Use eyewear if conditions are dusty.

Body Protection

Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Powder
Color	Off-white to pink
Odor	No data available
pH	Not applicable
Specific Gravity	No data available
Boiling Range/Point (°C/F)	Not applicable
Melting Point (°C/F)	Not applicable
Flash Point (PMCC) (°C/F)	Not flammable
Explosion Limits (%)	No data available
Vapor Pressure	Not applicable
Density	No data available
Solubility in Water	Soluble
Vapor Density (Air = 1)	Not applicable

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to Avoid

Heat, sparks, flames - high temperatures - sources of ignition - direct sunlight

Materials to Avoid

None known

Hazardous Polymerization

Will not occur.

Hazardous Decomposition Products

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

11. TOXICOLOGICAL INFORMATION

See product insert and/or packaging for additional information.

Acute Toxicity

Amoxicillin sodium: LD50 (rat) >15,000 mg/kg

Specific Target Organ Systemic Toxicity (single and repeat)

Amoxicillin sodium: May cause adverse gastrointestinal, central nervous system and kidney effects.

Serious Eye damage/Eye Irritation

No relevant studies identified.

Skin Corrosion/Irritation

No relevant studies identified.



11. TOXICOLOGICAL INFORMATION

Respiratory or Skin Sensitization

Amoxicillin sodium: May cause respiratory and skin sensitization in individuals with penicillin allergies.

Carcinogenicity

Not considered carcinogenic by NTP, IARC, and OSHA.

Germ Cell Mutagenicity

No relevant studies identified.

Toxicity to Reproduction

Amoxicillin sodium: In rats, no impairment of fertility or other adverse reproductive effects were seen at doses up to 500 mg/kg (approximately 3 times the human dose in mg/m²). Studies have been performed in mice and rats at doses up to 10 times the human dose and have revealed no evidence of impaired fertility or harm to the fetus.

12. ECOLOGICAL INFORMATION

Mobility

No relevant studies identified.

Persistence/Degradability

Amoxicillin sodium: Not readily biodegradable.

Bio-accumulation

Amoxicillin sodium: Not expected to bioaccumulate.

Ecotoxicity

Amoxicillin sodium: EC50 Daphnia Magna 50mg/l (48h), EC50 Algae 50mg/l (72h)

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Contact supplier for transport information.

15. REGULATORY INFORMATION

US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS

TSCA Listing

This product contains ingredients that are not listed or exempted from listing on Toxic Substance Control Act Chemical Inventory.

DSL (Canadian) Listing

This product contains ingredients that are not listed or exempted from listing on the Domestic Substance List (DSL).

WHMIS Classification

D2.A, D2.B

This product was classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all the information required by these regulations.

MA Right To Know Law

This product contains the following chemicals on the Massachusetts Right to Know Law: Sucrose Dust (57-50-1) - Sodium Saccharin (128-44-9) <1.0%

PA Right To Know Law

This product contains the following chemicals on the Pennsylvania Hazardous Substance List: Sucrose (57-50-1) - Sodium Saccharin (128-44-9) <1.0%



15. REGULATORY INFORMATION

NJ Right To Know Law

This product contains the following chemicals on the New Jersey Workplace Hazardous Substance List: None

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, Delayed (Chronic) Health Hazard

SARA Title III Sect. 313

This product contains the following chemicals that are listed in Section 313 at or above de minimis concentrations: None

16. OTHER INFORMATION

NFPA Ratings

NFPA Code for Flammability - 1
NFPA Code for Health - 2
NFPA Code for Reactivity - 0
NFPA Code for Special Hazards – 0

HMIS Ratings

HMIS Code for Flammability - 1
HMIS Code for Health - 2
HMIS Code for Reactivity - 0
HMIS Code for Personal Protection - See Section 8

Abbreviations

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

For further information call: (800) 338-3659

Prepared By: EnviroNet LLC

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