



# MATERIAL SAFETY DATA SHEET

## RILEXINE<sup>®</sup> (cephalexin monohydrate) Chewable Tablets

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

**Product Name** RILEXINE<sup>®</sup> (cephalexin monohydrate) Chewable Tablets  
**Product Description** Chewable antibiotic tablets 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:** May 31, 2012  
**Supersedes MSDS Dated:** NA

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

### 2. HAZARDS IDENTIFICATION

**Emergency Overview**  
**CAUTION!**

For animal use only.  
Sensitive individuals should avoid contact of product with skin and mucous membranes.  
Keep out of reach of children.

**Routes of Entry**

Ingestion

**Carcinogenic Status**

Not considered carcinogenic by NTP, IARC, and OSHA.

**Target Organs**

Skin

**Health Effects - Eyes**

Not an expected route of entry during normal handling and use.

**Health Effects - Skin**

Contact with skin may cause sensitization.

**Health Effects - Ingestion**

Ingestions of large quantities may cause gastrointestinal effects such as nausea, vomiting, diarrhea, and abdominal cramps. Ingestion may cause allergic reactions (rash, hives, wheezing, anaphylactic reactions) in individuals with cephalosporin and penicillin allergies.

**Health Effects - Inhalation**

Not an expected route of entry during normal handling and use.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS Number	Concentration
Cephalexin	15686-71-2	35 – 45%

Tablets are supplied in 150mg, 300mg and 600mg strengths.



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#### **4. FIRST AID MEASURES**

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##### **Eyes**

Not an expected route of entry. If tablet contacts eye, flush thoroughly with water. If pain or irritation persists contact a physician.

##### **Skin**

Wash skin with soap and water.

##### **Ingestion**

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

##### **Inhalation**

Not applicable

##### **Advice to Physicians**

Only available through a licensed veterinarian.

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#### **5. FIRE - FIGHTING MEASURES**

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##### **Extinguishing Media**

Use extinguishing media appropriate for surrounding materials.

##### **Unusual Fire and Explosion Hazards**

Can release hazardous vapors during a fire.

##### **Protective Equipment for Fire-Fighting**

Wear full protective clothing and self-contained breathing apparatus.

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#### **6. ACCIDENTAL RELEASE MEASURES**

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

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#### **7. HANDLING AND STORAGE**

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Store in original container at 68 °F - 77 °F (20 °C - 25 °C). Store in a cool dry place. Keep away from children. Wash hands after dispensing and before eating, drinking or smoking.

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#### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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##### **Occupational Exposure Standards**

Exposure limits are listed below, if they exist.

##### **Cephalexin**

None established

##### **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.

##### **Hand Protection**

Not required under normal conditions of use. Workers should wash hands before eating, drinking or smoking.

##### **Eye Protection**

Not required under normal conditions of use.



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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Body Protection**

Normal work wear.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Physical State</b>	Solid (tablet)
<b>Color</b>	Off - white
<b>Odor</b>	None
<b>pH</b>	Not applicable
<b>Specific Gravity</b>	No data available
<b>Boiling Range/Point (°C/F)</b>	Not applicable
<b>Melting Point (°C/F)</b>	Not applicable
<b>Flash Point (PMCC) (°C/F)</b>	Not flammable
<b>Explosion Limits (%)</b>	No data available
<b>Vapor Pressure</b>	Not applicable
<b>Density</b>	No data available
<b>Solubility in Water</b>	No data available
<b>Vapor Density (Air = 1)</b>	Not applicable

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**10. STABILITY AND REACTIVITY**

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**Stability**

Stable under normal conditions.

**Conditions to Avoid**

Heat - high temperatures

**Materials to Avoid**

None known.

**Hazardous Polymerization**

Will not occur.

**Hazardous Decomposition Products**

Oxides of carbon – nitrogen oxides – low molecular weight hydrocarbons

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**11. TOXICOLOGICAL INFORMATION**

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See product insert and/or packaging for additional information.

**Acute Toxicity**

Cephalexin Monohydrate: LD50 Oral (rat) >5000 mg/kg

**Specific Target Organ Systemic Toxicity (single and repeat)**

No relevant studies identified.

**Serious Eye damage/Eye Irritation**

No relevant studies identified.

**Skin Corrosion/Irritation**

No relevant studies identified.

**Respiratory or Skin Sensitization**

Cephalexin: May cause allergic reaction in individuals with cephalosporin and penicillin allergies.

**Carcinogenicity**

No relevant studies identified.

**Germ Cell Mutagenicity**

No relevant studies identified.



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## 11. TOXICOLOGICAL INFORMATION

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### Toxicity to Reproduction

Cephalexin: In male and female rats, fertility and reproductive performance were not affected by cephalexin oral doses up to 1.5 times the highest recommended human dose based upon mg/m<sup>2</sup>.  
Cephalexin: *Teratogenic effects — Pregnancy Category B* — Reproduction studies have been performed on mice and rats using oral doses of cephalexin monohydrate 0.6 and 1.5 times the maximum daily human dose (66 mg/kg/day) based upon mg/m<sup>2</sup>, and have revealed no harm to the fetus. There are, however, no adequate and well-controlled studies in pregnant women.

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## 12. ECOLOGICAL INFORMATION

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### Mobility

No relevant studies identified.

### Persistence/Degradability

No relevant studies identified.

### Bio-accumulation

No relevant studies identified.

### Ecotoxicity

No relevant studies identified.

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## 13. DISPOSAL CONSIDERATIONS

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

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## 14. TRANSPORT INFORMATION

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Contact supplier for transport information.

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## 15. REGULATORY INFORMATION

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<b>US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS</b>
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### TSCA Listing

This product contains ingredients that are not listed on the Toxic Substance Control Act Chemical Inventory.

### DSL (Canadian) Listing

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

### WHMIS Classification

This product is not a controlled substance under WHMIS.

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: Cellulose (9004-34-6)

### PA Right To Know Law

This product contains the following chemicals on the Pennsylvania Hazardous Substance List: Cellulose (9004-34-6)

### NJ Right To Know Law

This product contains the following chemicals on the New Jersey Workplace Hazardous Substance List: Cellulose (9004-34-6)



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**15. REGULATORY INFORMATION**

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**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**

None

**SARA Title III Sect. 313**

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

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**16. OTHER INFORMATION**

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**NFPA Ratings**

NFPA Code for Flammability - 0

NFPA Code for Health - 0

NFPA Code for Reactivity - 0

NFPA Code for Special Hazards - 0

**HMIS Ratings**

HMIS Code for Flammability - 0

HMIS Code for Health - 0

HMIS Code for Reactivity - 0

HMIS Code for Personal Protection - See Section 8

**Abbreviations**

N/A: Denotes no applicable information found or available

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%

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

**For further information call:** (800) 338-3659

**Prepared By:** EnviroNet LLC

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