

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

078041107

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

078040933 078041099



# MATERIAL SAFETY DATA SHEET

## BAYER HEALTHCARE LLC

Animal Health Division  
12707 Shawnee Mission Parkway  
(West 63rd)  
Shawnee, KS 66216-1846

### TRANSPORTATION EMERGENCY

CALL CHEMTREC..... : (800) 424-9300  
INTERNATIONAL ..... : (703) 527-3887

### NON-TRANSPORTATION

BAYER EMERGENCY PHONE : (800) 422-9874  
BAYER INFORMATION PHONE: (800) 633-3796

## Section 1: Product and Company Identification

**Product Name:** Baytril 68 mg Film-coated Tablets  
**Material Number:** 8713297  
**Chemical Family:** Anitimicrobial - Quinoline compound  
**Chemical Name:** 1-Cyclopropyl-7-(4-ethyl-1-piperazinyl)-6-fluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid  
**Synonyms:** Enrofloxacin

## Section 2: Composition/Information on Ingredients

### HAZARDOUS INGREDIENTS

<u>Ingredient Name/</u>	<u>Exposure Limits</u>	<u>Concentration</u>	
<u>CAS Number</u>		<u>Min.</u>	<u>Max.</u>
This material is not subject to the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.			

### OTHER INGREDIENTS

The ingredients listed below are provided for informational purposes.

<u>Ingredient Name/</u>	<u>Exposure Limits</u>	<u>Concentration</u>	
<u>CAS Number</u>		<u>Min.</u>	<u>Max.</u>
Polysaccharide	OSHA (PEL):	10%	30%
CAS# is a trade secret	5.00 mg/m3 TWA		
	Respirable Fraction		
	15.00 mg/m3 TWA		
	Total Dust		
	ACGIH (TLV):		
	10.00 mg/m3 TWA		

Material Name: Baytril 68 mg Film-coated Tablets

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Inorganic compound  
CAS# is a trade secret

OSHA (PEL):  
Not Established  
ACGIH (TLV):  
2.00 mg/m3 TWA

1%

3%

### Section 3: Hazards Identification

#### EMERGENCY OVERVIEW

Color: Purple Form: Solid Tablets Odor: Slight, Musty  
Product poses little or no hazard if spilled and no unusual hazard if involved in a fire.

#### POTENTIAL HEALTH EFFECTS

Route(s) of Entry: Skin Contact, Eye Contact, Ingestion

#### HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE

##### Skin Hazards

Acute Skin Hazards: Exposure during the end use of this product is expected to be minimal. May cause irritation with symptoms of reddening and itching.

##### Eye Hazards

Acute Eye Hazards: Exposure during the end use of this product is expected to be minimal. May cause irritation with symptoms of reddening, tearing and stinging.

##### General Effects of Exposure

Chronic Effects of Exposure: None known.

##### Carcinogenic Components:

NTP: None

IARC: None

OSHA: None

Medical Conditions Aggravated by Exposure: Hypersensitivity to any components of the preparation.

### Section 4: First Aid Measures

First Aid for Eye: In case of contact, flush with copious amounts of water for at least 15 minutes. Get medical attention if irritation develops or persists.

First Aid for Skin: In case of skin contact, wash affected areas with soap and water. Contact a physician if irritation develops.

First Aid for Inhalation: Not applicable.

**First Aid for Ingestion:**

Contact a physician or Poison Control Center. If ingested, do not induce vomiting unless directed to do so by medical personnel.

**Note to Physician:**

In case of human or animal poisoning, please contact the poison control center at (800)938-3578. Please also notify Bayer at (800)422-9874.

**Section 5: Fire Fighting Measures****Flash Point:**

Not Applicable

**Flammable Limits:**

**Upper Explosion Limit  
(UEL %):**

Not Applicable

**Lower Explosion Limit  
(LEL %):**

Not Applicable

**Extinguishing Media:**

**Suitable:**

Carbon Dioxide, Water, Dry Chemical

**Special Fire Fighting  
Procedures:**

Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

**Section 6: Accidental Release Measures****Spill or Leak Procedures:**

Avoid creating dusty conditions. Spills should be swept up and placed in appropriate containers for disposal. Prevent from entering open drains and waterways.

**Section 7: Handling and Storage**

**Storage Temperature:  
Maximum:**

86 °F (30 °C)

**Shelf Life:**

See expiration date on product container label

**Special Sensitivity:**

Avoid extreme heat. Avoid contact with moisture/water.

**Handling/Storage Precautions:**

Keep this and all drugs out of the reach of children. Use normal precautions for storage of a drug. Store separate from food products. Store in a dry place away from excessive heat. Wash thoroughly after handling. Avoid contact with eyes. Avoid excessive contact with skin or clothing.

**Section 8: Exposure Controls/Personal Protection**

Material Name: Baytril 68 mg Film-coated Tablets

Article Number: 8713297

**Personal Protection Equipment**

<b>Eye Protection Requirements:</b>	None for normal use.
<b>Skin Protection Requirements:</b>	Lab coat., Gloves, long sleeved shirts and pants., Employees should wash their hands and face before eating, drinking or using tobacco products.
<b>Ventilation Requirements:</b>	Under normal conditions of use, special ventilation is not required.
<b>Respirator Requirements:</b>	A NIOSH approved dust respirator should be worn if inhalation of dust is a problem.
<b>Additional Protective Measures:</b>	Employers shall provide handwashing facilities which are readily accessible to employees. Educate and train employees in the safe use and handling of this product. Follow all label instructions.

**Section 9: Physical and Chemical Properties**

<b>Physical Form:</b>	Solid
<b>Appearance:</b>	Tablets
<b>Color:</b>	Purple
<b>Odor:</b>	Slight, Musty
<b>Boiling Point:</b>	Not Applicable
<b>Melting/Freezing Point:</b>	Not Applicable
<b>Specific Gravity:</b>	Not Applicable
<b>Bulk Density:</b>	Not Established
<b>Vapor Pressure:</b>	Not Applicable

**Section 10: Stability and Reactivity**

<b>Stability:</b>	Stable
<b>Hazardous Polymerization:</b>	Will not occur
<b>Substances to Avoid:</b>	Oxidizing agents
<b>Conditions to Avoid:</b>	None known.
<b>Decomposition Temperature:</b>	Not established
<b>Decomposition Products:</b>	Not established

**Section 11: Toxicological Information****Toxicity Data for Baytril 68 mg Film-coated Tablets**

**Toxicity Note:** No data available for this product.

**Toxicity Data for Enrofloxacin**

**Acute oral toxicity:** LD50 = > 5,000 mg/kg bw (Rat)

**Acute dermal toxicity:** LD50 = > 2,000 mg/kg bw (Rabbit)  
**Acute inhalation toxicity:** > 3,547 mg/kg bw, (Rat)  
**Eye Irritation:** Moderately irritating (Rabbit)  
**Skin Irritation:** Non-irritating (Rabbit)  
**Sensitization:** Non-sensitizer (Guinea pig)  
**Repeated Dose Toxicity:** Dog: NOEL = 3 mg/kg  
**Mutagenicity:** Suspect mutagen.  
**Developmental Toxicity/Teratogenicity:** Rabbit: NOEL = 25 mg/kg  
**Toxicity to Reproduction/Fertility:** Rat: NOEL = 10 mg/kg

#### Section 12: Ecological Information

Ecological Data for Baytril 68 mg Film-coated Tablets

**Ecological Note:** No data available for this product.

#### Section 13: Disposal Considerations

**Waste Disposal Method:** Waste disposal should be in accordance with existing federal, state and local environmental control laws.

#### Section 14: Transportation Information

**Technical shipping name:** Animal drugs and medicines

**Freight Class**

**Package:**

Medicines, N.O.S. (NMFC 58770, Sub. 2)

**Domestic Surface Transportation (DOT)**

**Hazard Class or Division:** Non-Regulated

**Marine Transportation (IMO / IMDG)**

**Hazard Class Division** Non-Regulated

**Number:**

**Air Transportation (ICAO / IATA)**

**Hazard Class Division** Non-Regulated

Material Name: Baytril 68 mg Film-coated Tablets

Article Number 8713297

Number:

### Section 15: Regulatory Information

#### United States Federal Regulations

OSHA Hazcom Standard Rating: Not subject to OSHA

TSCA Inventory List: This product is excluded from TSCA regulation by Section 3 (2)(B)(vi) when used for FDA application.

CERCLA Hazardous Substance:

Component(s)

None

Reportable Quantity

#### SARA Title III

SARA Section 302 Extremely Hazardous Substances:

Component(s)/

CAS Number

Exempt

Concentration

Min.

Max.

SARA Section 311/312 Hazard Categories: Exempt from SARA Section 311/312

SARA Section 313 Toxic Chemicals:

Component(s)/

CAS Number

Exempt

Reporting

Threshold

Concentration

Min.

Max.

RCRA Status:

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

#### State Right-to-Know Information

Component(s)/

CAS Number

State Code

Concentration

Min.

Max.

State Code Translation Table

### Section 16: Other Information

NFPA 704M Rating

Health

1

Material Name: Baytril 68 mg Film-coated Tablets

Article Number: 8713297

Flammability	0
Reactivity	0
Other	0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

BAYER HEALTHCARE LLC's method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS and NFPA ratings are provided by BAYER HEALTHCARE LLC as a customer service.

Contact: John Sheehan  
 Phone: (913) 268-2570  
 MSDS Number: R00000000023  
 Version Date: 06/28/2008  
 MSDS Version: 2.14

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|| Indicates Relevant Change Made.