SAFETY DATA SHEETS

This SDS packet was issued with item:

078040933

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

078041099 078041107

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

Ingredient Name/ CAS Number	Exposure Limits	Concentration Min.	Max.

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.

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

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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.

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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

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Personal Protection Equipment

Eye Protection Requirements:	None for normal use.
Skin Protection Requirements:	Lab coat., Gloves, long sleeved shirts and pants., Employees should wash their hands and face before eating, drinking or using tobacco products.
Ventilation Requirements:	Under normal conditions of use, special ventilation is not required.
Respirator Requirements:	A NIOSH approved dust respirator should be worn if inhalation of dust is a problem.
Additional Protective Measures:	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

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

Section 10: Stability and Reactivity

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

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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 Number: Non-Regulated

Air Transportation (ICAO / IATA)
Hazard Class Division Non-Regulated

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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)	Reportable Quantity
None	

SARA Title III

SARA Section 302 Extremely Hazardous Substances:

Component(s)/ CAS Number	Concentration Min.	Concentration Max.
Exempt		

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

SARA Section 313 Toxic Chemicals:

Component(s)/ CAS Number	Reporting Threshold	Concentration Min.	Concentration Max.
Exempt			

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.**	**Concentration Max.**

State Code Translation Table

Section 16: Other Information

NFPA 704M Rating

Health	1

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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.

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