



MATERIAL SAFETY DATA SHEET

BAYER HEALTHCARE LLC
Animal Health Division
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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 22.7 mg Film-Coated Tablets
Material Number: 8713262
Chemical Family: Antimicrobial - Quinoline compound
Chemical Name: 1-Cyclopropyl-7-(4-ethyl-1-piperazinyl)-6-fluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid
Synonyms: Enrofloxacin
Formula: Mixture

Section 2: Composition/Information on Ingredients

HAZARDOUS INGREDIENTS

<u>Ingredient Name/ CAS Number</u>	<u>Exposure Limits</u>	<u>Concentration</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/ CAS Number</u>	<u>Exposure Limits</u>	<u>Concentration</u>	
		<u>Min.</u>	<u>Max.</u>
Enrofloxacin 93106-60-6	OSHA (PEL): Not Established ACGIH (TLV): Not Established		7%

Inorganic compound
CAS# is a trade secret

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

1% 5%

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 Hypersensitivity to any components of the preparation.

Aggravated by Exposure:

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

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 22.7 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 22.7 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

Material Name: Baytril 22.7 mg Film-Coated Tablets

Article Number: 8713262

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 22.7 mg Film-Coated Tablets

Article Number: 8713262

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.

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MSDS Number: R00000000024
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