



MATERIAL SAFETY DATA SHEET

Product Name: Enrofloxacin Flavored Tablets 22.7/68/136 mg

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Responsible Party
Name and Address: Putney, Inc.
400 Congress Street, Suite 200
Portland, ME 04101
USA

Emergency Telephone: Putney, Inc.
1-866-683-0660

Product Name: Enrofloxacin Flavored Tablets 22.7/68/136 mg

Synonyms: None

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name: Enrofloxacin

Chemical Formula: 1-cyclopropyl-7-(4-ethyl-1-piperazinyl)-6-fluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid.

Component	Approximate Quantity	CAS Number
Enrofloxacin	22.7/68/136 mg	93106-60-6
Non-hazardous Ingredients	q.s.	N/A

3. HAZARD INFORMATION

Emergency Overview: Color: brown Form: solid tablet Odor: weak, musty. Product poses little or no hazard if spilled and no unusual hazard if involved in a fire. (Hazard Communication (29CFR 1910.1200)).

Occupational Exposure: 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.

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.

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

Product Name: Enrofloxacin Flavored Tablets 22.7/68/136 mg

4. FIRST AID MEASURES

General Advice: Take off all contaminated clothing immediately.

Eye Contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin Contact: After contact with skin, wash immediately with plenty of soap and water. If skin reactions occur, contact a physician.

Inhalation: Remove to fresh air. If symptoms persist, call a physician.

Ingestion: If swallowed, seek medical advice immediately and show this container or label.

5. FIRE FIGHTING MEASURES

Flammability: Non-flammable

Fire & Explosion Hazard: None

Extinguishing Media: Use extinguishing media appropriate for primary cause of fire.

Special Fire Fighting Procedures: Fire may cause evolution of: Carbon monoxide Carbon dioxide (CO₂). In the event of fire, wear self-contained breathing apparatus. Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. ACCIDENTAL RELEASE MEASURES

Spill Cleanup and Disposal: Use personal protective equipment.

Methods for cleaning up: contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

Additional advice: Avoid dust formation.

7. HANDLING AND STORAGE

Handling: Avoid dust formation. Avoid contact with skin, eyes and clothing. Take measures to prevent the build up of electrostatic charge. Keep away from open flames, hot surfaces and sources of ignition.

Storage: Store tablets in tight container only.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection: Recommended Filter type: HEPA
Hand protection: Chemically resistant gloves
Eye protection: Safety glasses
Other protective measures: Wear suitable protective equipment

9. PHYSICAL/CHEMICAL PROPERTIES

Boiling Point (range): No data available
Melting Point/Freezing Point: No data available
Vapor Pressure: No data available
Relative Density: No data available
Vapor Density (Air=1): No data available
Evaporation Rate: No data available
Bulk Density: No data available
Specific Gravity: No data available
Solubility: No data available
pH: No data available
Flash Point: No data available
Flammability (solid/gas): No data available
Upper/lower flammability or explosive limits: No data available
Auto-ignition temperature: No data available
Partition co-efficient: No data available
Viscosity: No data available
Decompensation Temp.: No data available
Form: Tablet
Color: Brown

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Odor: Weak musty

10. STABILITY AND REACTIVITY

Conditions To Avoid: No data available

Materials To Avoid: Oxidizing agents

Hazardous Reactions: None known

Thermal Decomposition: No data available

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide (CO₂)

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Oral LD₅₀ (rat) >5000 mg/kg (Enrofloxacin)
Oral LD₅₀ (mouse) 4336->5000 mg/kg (Enrofloxacin)
Inhalation LC₅₀ (rat) >3547 mg/m³ (Enrofloxacin)

Local Effects: Eye: slightly irritant to the eye.
Skin: non-irritant to the skin. Non-sensitizing to the skin.
Administration to animals over a period of several weeks at elevated dosages has produced changes in articular cartilage.

Reproductive Effects: Chronic exposure (3 months to 2 years) of laboratory species to Enrofloxacin has produced testicular degeneration and associated adverse effects on spermatogenesis. None of the other ingredients of the formulation have been shown to produce reproductive or Teratogenic effects.

Mutagenicity: None of the ingredients of the formulation have been shown to produce mutagenic effects.

Carcinogenic Effects: Enrofloxacin has been shown in animal tests to have no carcinogenic potential. Other ingredients are not classified as carcinogens.

12. ECOLOGICAL INFORMATION

Do not allow product to enter drinking water supplies, waste water or soil

13. DISPOSAL CONSIDERATIONS

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

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14. TRANSPORTATION INFORMATION

Transport according to all local, state and federal regulation.

15. REGULATORY INFORMATION

Enrofloxacin is approved for the bacterial infections in cats and Dogs. Enrofloxacin is indicated for management of diseases associated with bacteria susceptible to Enrofloxacin.

16. OTHER INFORMATION

Date Prepared: 10 April 2013

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