

<b>SECTION 1: IDENTIFICATION</b>	
<b>1.1 Product identifier</b>	
<b>Product name</b>	Enroquin (enrofloxacin) Flavored Tablets 22.7 mg, 68 mg and 136 mg
<b>Synonyms</b>	Not available
<b>Proper shipping name</b>	Not available
<b>Other means of identification</b>	None
<b>1.2 Relevant identified uses of the substances or mixture and uses advised against</b>	
<b>Recommended uses</b>	Antibacterial for professional use only. Federal law restricts this drug to be used by or on the order of a licensed veterinarian.
<b>Uses advised against</b>	Not for human use
<b>1.3 Details of the supplier of the substance or mixture</b>	
<b>Registered company name</b>	Dechra Veterinary Products
<b>Address</b>	7015 College Blvd Suite 525 Overland Park KS 66211 USA
<b>Telephone</b>	866-933-2472
<b>Fax</b>	Not available
<b>Email</b>	Not available
<b>1.4 Emergency telephone numbers</b>	
<b>Dechra (US)</b>	866-933-2472

<b>SECTION 2: HAZARDS IDENTIFICATION</b>	
<b>2.1 Classification of the substance or mixture</b>	
<b>Classification (GHS-US)</b>	
This product is a drug, as defined by the US Food, Drug, and Cosmetic Act (21 U.S.C. 301 et seq.). It is in solid, final form for direct administration to the patient. Therefore, it is exempt from the US 2012 Hazard Communication Standard, as defined in the 29 CFR 1910.1200(b)(6)(vii).	
<b>2.2 Label elements</b>	
No labeling applicable	
<b>2.3 Other Hazards</b>	
No additional information available	
<b>2.4 Unknown Acute Toxicity (GHS-US)</b>	
No data available	

<b>SECTION 3: COMPOSITION/INFORMATION ON THE INGREDIENTS</b>	
<b>3.1 Substances</b>	
See section below for composition of Mixtures.	

3.2 Mixtures		
CAS No	Approximate Quantity	Name
93106-60-6	2.27/68/136 mg	enrofloxacin
Not applicable	q.s.	Non-hazardous Ingredients

SECTION 4: FIRST AID MEASURES
<b>4.1 Description of first aid measures</b>
<b>General advice:</b> If you feel unwell, seek medical advice.
<b>Eye contact:</b> Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if irritation persist.
<b>Skin contact:</b> Wash off with soap and plenty of water. Consult a physician if irritation persist.
<b>Inhalation:</b> The risk of inhalation exposure is negligible when product is in its final packaged form. If exposed and become symptomatic, move to fresh air and get medical attention if symptoms persist.
<b>Ingestion:</b> Consult a physician.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>
<b>Inhalation:</b> Due to the product's final form, inhalation is an unlikely route of exposure.
<b>Skin contact:</b> None expected under normal conditions of use,
<b>Eye contact:</b> None expected under normal conditions of use.
<b>Ingestion:</b> Ingestion of the product is likely to be harmful or have adverse effects.
<b>Chronic symptoms:</b> None expected under normal conditions of use.
<b>4.3 Indication of any immediate medical attention and special treatment needed:</b> Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES
<b>5.1 Extinguishing media</b>
<b>Suitable extinguishing media:</b> Use extinguishing media appropriate for surrounding fire. <b>Unsuitable extinguishing media:</b> None known.
<b>5.2 Special hazards arising from the substance or mixture</b>
<b>Fire hazard:</b> Not considered flammable. <b>Explosion hazard:</b> Product itself is not explosive. <b>Reactivity:</b> Hazardous reactions will not occur under normal conditions.

<p><b>Special fire fighting procedure:</b> Fire may cause release of carbon monoxide, carbon dioxide. In the event of fire, wear self-contained breathing apparatus. Prevent fire. Prevent water from contaminating surface water or the ground water system.</p>
<p><b>5.3 Advice for fire-fighters:</b></p>
<p><b>Precautionary measures fire:</b> Exercise caution when fighting any chemical fire.  <b>Firefighting instructions:</b> Use water spray or fog for cooling exposed containers.  <b>Protection during firefighting:</b> Do not enter fire area without proper protective equipment, including respiratory protection.</p>

SECTION 6: ACCIDENTAL RELEASE MEASURES	
6.1 Personal precautions, protective equipment and emergency procedures	
<b>General measures:</b> Avoid unnecessary contact with skin, eyes and clothing.	
6.1.1. For non-emergency personnel	
<b>Protective equipment:</b> Use appropriate personal protection equipment (PPE). <b>Emergency procedures:</b> Evacuate unnecessary personnel.	
6.1.2. For emergency responders	
<b>Protective equipment:</b> Equip cleanup crew with proper protection. <b>Emergency procedures:</b> Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.	
6.2 Environmental precautions	
Avoid release to environment.	
6.3 Methods and material for containment and cleaning up	
<b>For containment</b>	Contain and collect as any solid.
<b>Methods for cleaning up</b>	Dispose of waste in accordance with local, state and federal regulations.
6.4 References to other sections	
See Heading 8. Exposure controls and personal protection. For further information refer to section 13.	

SECTION 7: HANDLING AND STORAGE	
7.1 Precautions for safe handling	
<b>Hygiene measures</b>	Avoid contact with skin, eyes and clothing. Take measures to prevent the buildup of electrostatic charge. Keep away from open flames, hot surfaces and sources of ignition. Use appropriate personal protective equipment when handling and observe good personal hygiene measures after handling.
7.2 Conditions for safe storage, including any incompatibilities	
<b>Technical measures</b>	Comply with applicable regulations.
<b>Storage conditions</b>	Store at 20° to 25°C (68° to 77°F), excursions permitted between 15° and 30°C (between 59° and 86°F). [See



	USP controlled room temperature]. Store tablets in a tight container only.
<b>Incompatible Products</b>	Strong acids. Strong bases. Strong oxidizers.
<b>7.3 Specific end use(s)</b> Antibacterial. For professional use only. Federal (U.S.A.) law restricts this drug to be used by or on the order of a licensed veterinarian.	

<b>SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	
<b>8.1 Control parameters</b> For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).	
<b>8.2 Exposure controls</b>	
<b>Appropriate engineering controls</b>	Avoid creating or spreading dust. Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.
<b>Personal protective equipment</b>	Not generally required. The use of personal protective equipment may be necessary as conditions warrant.
<b>Hand protection</b>	Wear protective gloves
<b>Eye protection</b>	If splashes are likely to occur, wear safety glasses with side-shields.
<b>Skin and body protection</b>	Wear suitable protective clothing if skin contact with drug product is possible.
<b>Respiratory protection</b>	No protection equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and excavation may be required.

<b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>9.1 Information on basic physical and chemical properties</b>	
<b>Appearance:</b> Brown colored tablet. <b>Physical state:</b> Solid <b>Odor:</b> NA <b>Odor threshold:</b> NA <b>pH (as supplied):</b> NA <b>Melting point / freezing point (degrees C):</b> NA <b>Initial boiling point and boiling range:</b> NA <b>Flash point:</b> NA <b>Evaporation rate:</b> NA <b>Flammability:</b> NA <b>Upper/lower flammability or explosive limits:</b> NA <b>Vapor pressure:</b> NA	<b>Vapor density:</b> NA <b>Auto ignition temperature (degrees C):</b> NA <b>Decomposition temperature (degrees C):</b> NA <b>Viscosity (degrees C):</b> NA <b>Explosive properties:</b> NA <b>Oxidizing properties:</b> NA <b>Partition coefficient:</b> NA <b>Molecular weight:</b> NA <b>Taste:</b> NA <b>Surface tension:</b> NA <b>Volatile component:</b> NA <b>Gas group:</b> NA <b>pH as a solution:</b> NA

<b>Relative density (at degrees C):</b> NA	<b>VOC g/L:</b> NA
<b>Solubility in water and solvents (mg/l):</b> NA	<b>Specific gravity @ 20 degrees C (water = 1):</b> NA
<b>9.2 Other information</b>	
No additional information available	

<b>10: REACTIVITY AND STABILITY</b>	
<b>10.1 Reactivity</b>	Hazardous reactions will not occur under normal conditions.
<b>10.2 Chemical stability</b>	Stable under recommended handling and storage conditions.
<b>10.3 Possibility of hazardous reactions</b>	Stable under recommended handling and storage conditions.
<b>10.4 Conditions to avoid</b>	Direct sunlight. Extremes of temperatures.
<b>10.5 Hazardous decomposition products</b>	Decomposition will not occur under normal conditions

<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>	
<b>Acute toxicity</b>	Oral LD <sub>50</sub> (rat) >5000 mg/kg (enrofloxacin) Oral LD <sub>50</sub> (mouse) 4336-5000 mg/kg (enrofloxacin) Inhalation LC <sub>50</sub> (rat) >3547 mg/m <sup>3</sup> (enrofloxacin)
<b>Local effects</b>	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.
<b>Reproductive effects</b>	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.
<b>Mutagenicity</b>	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.

<b>SECTION 12: ECOLOGICAL INFORMATION</b>	
<b>12.1 Toxicity:</b>	Toxic to aquatic life
<b>12.2 Persistence and degradability:</b>	No additional information available
<b>12.3 Bioaccumulative potential:</b>	No additional information available
<b>12.4 Mobility in soil:</b>	No additional information available
<b>12.5 Other adverse effects:</b>	No additional information available



### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

### SECTION 14: TRANSPORT INFORMATION

Transport according to all local, state and federal regulation

### SECTION 15: REGULATORY INFORMATION

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

### SECTION 16: OTHER INFORMATION

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