



# MATERIAL SAFETY DATA SHEET

Product Name: Ilium Enrotril  
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## ILIUM ENROTRIL INJECTION

### SECTION 1 – Identification of Product and Company

Troy Laboratories Australia Pty Ltd 98 Long Street Smithfield, NSW, 2164	Product Name: Enrotril Product Use: Antibacterial Injection for dogs and cats Prescription animal remedy.
Tel: (02) 9604 6266 Fax: (02) 9725 1772	Other Names: Enrofloxacin Creation Date: 1 <sup>st</sup> May 2007 Revision date: 1 <sup>st</sup> May 2012

### SECTION 2 – Hazards Identification

Hazard Classification: Hazardous substance according to the ASCC.
Dangerous Goods: Not a dangerous good according to the ADG Code
Risk Phrases: Harmful if swallowed. Irritating to eyes.
Safety Phrases: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical advice immediately.
<b>APPROPRIATE SAFETY DIRECTIONS AND FIRST AID STATEMENTS ARE SHOWN ON THE PRODUCT LABEL.</b>

### SECTION 3 – Composition/Information in Ingredients

Ingredients	CAS No	Concentration % w/v
Enrofloxacin	93106-60-6	5%
Potassium Hydroxide	1310-58-3	0.8%
Ingredients determined not be hazardous	-	Up to 100%



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### SECTION 4 – First Aid Measures

General Information: Contact the Poisons Information Centre if you feel you have been poisoned, burned or irritated by this product. The number is 131126 from anywhere in Australia.

Inhalation: Inhalation of this product will not occur except as aspiration into the lungs after swallowing.

Skin Contact: Remove contaminated clothing. Wash affected area immediately with water. Seek further medical attention if required.

Eye Contact: Irritating to eyes. If accidental eye contact occurs rinse immediately with plenty of water while holding eyelids open. Seek medical advice.

Ingestion: If swallowed seek medical advice immediately and show label. if vomiting occurs keep head lower than hips to prevent aspiration.

### SECTION 5 – Fire Fighting Measures

Extinguishing Media: Preferred media are carbon dioxide, dry chemical, foam, water fog and sand.

Fire & Explosion Hazards: Non-combustible material. Outer packaging may burn.

Fire Fighting: Fight the fire in the early stages if safe to do so. Wear a respiratory mask for protection.  
If a significant quantity of this product is involved in a fire, call the fire brigade.

### SECTION 6 – Accidental Release Measures

Accidental Release: In the event of a major spill, prevent any spillage from entering drains and waterways.  
For precaution wear overalls, goggles and gloves.  
Stop leak if safe to do so and contain the spill.  
Take up with absorbent material such as saw dust, peat or chemical binder.  
Do not eat, drink or smoke during the clean-up process.



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## SECTION 7 – Handling and Storage

Safe Handling: If using other than according to label personal protective equipment should be worn.

Storage: Keep out of reach of children.  
Keep away from food, drink, and animal feeding stuffs.  
Store below 30°C (room temperature).  
Keep away from heat and moisture.  
Keep in a well ventilated area.  
*This material is a Schedule 4 drug and must be stored, handled and used in accordance with the relevant regulations.*

## SECTION 8 – Exposure Controls and Personal Protection

Exposure Limits: No exposure limits allocated for Enrofloxacin

Potassium Hydroxide  
TWA (mg/m<sup>3</sup>) – 2                      STEL (mg/m<sup>3</sup>) – not set

Butan-1-ol  
TWA (mg/m<sup>3</sup>) – 152                      STEL (mg/m<sup>3</sup>) – not set

Ventilation: No ventilation requirements are necessary for this product.

Eye Protection: Irritating to eyes. Eye protection such as protective goggles is recommended when this product is being used.

Skin Protection: Irritating to skin. Wear suitable protective clothing. Wash exposed skin after use.

Respirator: No special protective equipment is required for this product however where dust hazards exist wear a suitable dust mask.

Protective Material Types: Rubber and latex.

## SECTION 9 – Physical and Chemical Properties

Physical Appearance: Clear light yellow liquid

Odour: Slight characteristic smell

pH: 10.5 – 12.0 (undiluted)

Vapour Pressure: No specific data

Vapour Density: No specific data

Boiling Point: Approximately 100°C

Freezing/Melting Point: No specific data. Liquid at normal temperatures



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Solubility: Miscible with water

Flash Point: Not relevant. Boils above 100°C.

Explosive Limits: Not Flammable

Ignition Temperature: Not Flammable

### SECTION 10 – Stability and Reactivity

Chemical Stability: Product is stable. No hazardous reactions.

Conditions to Avoid: Avoid strong oxidizing agents.

Incompatible Materials: None

Hazardous Decomposition: Thermal decomposition products include hydrogen cyanide, hydrogen fluoride, carbon monoxide and nitrogen oxides.

Hazardous Reactions: Will not polymerise

### SECTION 11 – Toxicological Information

Acute Toxicity: Oral LD<sub>50</sub> (mouse) 4336mg/kg (enrofloxacin)  
Oral LD<sub>50</sub> (rabbit) 500mg/kg (enrofloxacin)  
Oral LD<sub>50</sub> (rat) 5000mg/kg (enrofloxacin)

Health Effects: Enrofloxacin has been shown in animal tests to have no carcinogenic potential.

### SECTION 12 – Ecological Information

Ecotoxicity: 150mg/L, Golden Orfe  
10mg/L, 96 hr, Rainbow Trout  
10mg/L, 96 hr, Bluegill  
100mg/L, 24 hr, Water Flea



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### SECTION 13 – Disposal Considerations

Disposal: Container should be emptied as much as possible before disposal. Dispose of in recycle bin. If this is not practical, send to a commercial waste disposal site.

### SECTION 14 – Transport Information

UN Number: None allocated

UN Proper Shipping Name: None allocated

Class and Subsidiary Risk: None allocated

Packaging Group: None allocated

Hazchem Code: None allocated

### SECTION 15 – Regulatory Information

Poisons Schedule: Schedule 4

APVMA Registration: Product is registered by the APVMA

Labelling: All necessary directions, precautions and warnings for normal use of the product are included on the product label.



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## SECTION 16 – Other Information

Acronyms:	<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail
	<b>APVMA</b>	Australian Pesticides and Veterinary Medicines Authority
	<b>ASCC</b>	Office of the Australian Safety and Compensation Council
	<b>CAS Number</b>	Chemical Abstracts Service Registry Number
	<b>SUSDP</b>	Standard for the Uniform Scheduling of Drugs & Poisons
	<b>UN Number</b>	United Nations Number

**Disclaimer:** This Material Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace.  
This MSDS has been developed according to the NOHSC National Code of Practice for the Preparation of MSDS [NOHSC:2011(2003)].  
The data, information and recommendations herein are represented in good faith and believed to be correct as of the date hereof.  
The purpose of this material safety data sheet is to describe the product in terms of its safety requirements.  
Troy Laboratories Australia Pty Ltd make no representation of merchantability, fitness for a particular purpose or application, or of any other nature with respect to the information or the product to which the information refers (“the product”).  
The information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use of the product.  
The physical data shown herein are typical values based on material tested. These values should not be construed as a guaranteed specification for the product or specific lots thereof.  
Due care should be taken to make sure that the use or disposal of this product and/or its packaging is in compliance with relevant Federal, State and Local Government regulations.

**Please read all labels carefully before using product.**

**END OF MSDS**