1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product information
Product Name: Baytril Taste Tablets
MSDS Number: 12200007051

Use: veterinary medicine

Company
BAYER HEALTHCARE LLC
Animal Health Division
12707 Shawnee Mission Parkway
(West 63rd)
Shawnee, KS 66216-1846
UNITED STATES
(800) 633-3796

In case of emergency: (800) 422-9874
Chemtrec: (800) 424-9300
BAYER INFORMATION PHONE: (800) 633-3796
INTERNATIONAL: (703) 527-3887

2. HAZARDS IDENTIFICATION

Emergency Overview

CAUTION! Colour: brown  Form: solid  tablet  Odour: weak, musty.
Product poses little or no hazard if spilled and no unusual hazard if involved in a fire.

Hazard Communication (29CFR 1910.1200)

Skin Contact Eye Contact Ingestion

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.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredients:</th>
<th>Weight percent</th>
<th>Components</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5 - 10%</td>
<td>Enrofloxacin</td>
<td>93106-60-6</td>
</tr>
<tr>
<td></td>
<td>1 - 5%</td>
<td>Tradesecret</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 - 5%</td>
<td>Inorganic Compound</td>
<td></td>
</tr>
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<td>10 - 30%</td>
<td>Tradesecret</td>
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</tr>
</tbody>
</table>

4. FIRST AID MEASURES

**General advice:** Take off all contaminated clothing immediately.

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

**In case of skin contact:** After contact with skin, wash immediately with plenty of soap and water. If skin reactions occur, contact a physician.

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

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

**Contact Number:** Use the Bayer Emergency Number in Section 1

5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Any

**Specific hazards during fire fighting:** Fire may cause evolution of: Carbon monoxide Carbon dioxide (CO2)

**Special protective equipment for fire-fighters:** In the event of fire, wear self-contained breathing apparatus.

**Further information:** Prevent fire extinguishing water from contaminating surface water or the ground water system.
6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** 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 (see section 13).

**Additional advice:** Avoid dust formation.

**Further Accidental Release Notes**
Avoid dust formation.

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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:**
Storage temperature: < 86 °F (< 30 °C)

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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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

**Form:** tablet

**Colour:** brown

**Odour:** weak musty

**Melting point:** no data available

**Density:** no data available
SAFETY DATA SHEET
Baytril Taste Tablets
Version 1.2
Revision Date 12/09/2010

Bulk density: no data available
Vapour pressure: not applicable
Water solubility: no data available
pH: no data available
Partition coefficient (n-octanol/water): no data available

Solubility in organic solvents: no data available
Ignition temperature: no data available

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

Other information on toxicity:
No data is available on the product itself.

Acute oral toxicity:
Enrofloxacin
LD50 rat: > 5,000 mg/kg

Tradeselect
LD50 rat: > 2,000 mg/kg

Tradeselect
LD50 rat: > 5,000 mg/kg

Acute inhalation toxicity:
Tradeselect
LC50 rat: > 5.05 mg/l, 4 h
**Acute dermal toxicity:**
Tradesecret
LD50 rabbit: > 2,000 mg/kg

**Acute toxicity (other routes of administration):**
Inorganic Compound
LD50 intraperitoneal rat: 280 mg/kg

**Skin irritation:**
Enrofloxacin
rabbit
Result: No skin irritation
Method: OECD Test Guideline 404

Tradesecret
rabbit
Result: No skin irritation
Method: Draize Test

Inorganic Compound
Result: Mild skin irritation

Tradesecret
rabbit
Result: No skin irritation

**Eye irritation:**
Enrofloxacin
rabbit
Result: Mild eye irritation
Method: OECD Test Guideline 405

Tradesecret
rabbit
Result: No eye irritation
Method: Draize Test

Inorganic Compound
Result: Mild eye irritation

Tradesecret
rabbit
Result: No eye irritation

**Sensitisation:**
Enrofloxacin
Skin sensitization guinea pig
Result: Did not cause sensitization on laboratory animals.
Method: Buehler Test

Tradesecret
Skin sensitization guinea pig
Result: Did not cause sensitization on laboratory animals.
Genotoxicity in vitro:
Tradescet
Mutagenicity (Salmonella typhimurium - reverse mutation assay)
Result: negative
Method: Ames test

Inorganic Compound
Ames test
Result: negative

Tradescet
Ames test
Result: negative

Genotoxicity in vivo:
Tradescet
mouse
Result: No indication of mutagenic effects.

Pharmaceutical effects:
Enrofloxacin
Antibiotic

12. ECOLOGICAL INFORMATION

General advice:
Do not allow to enter surface waters or groundwater. No data is available on the product itself.

Toxicity to fish:
Enrofloxacin
Acute Fish toxicity: LC0 > 10 mg/l
Test species: Salmo gairdneri  Duration of test: 96 h

Acute Fish toxicity: LC0 > 9.6 mg/l
Test species: Lepomis macrochirus (Bluegill) Duration of test: 96 h

Inorganic Compound
LC50 > 10 g/l
Test species: Danio rerio / Brachydanio rerio (zebra fish) Duration of test: 24 h

Tradescet
Acute Fish toxicity: LC50 > 100 mg/l
Test species: Oncorhynchus mykiss (rainbow trout) Duration of test: 96 h

Toxicity to daphnia and other aquatic invertebrates:
Enrofloxacin
EC0 >= 10 mg/l
Test species: Daphnia magna (Water flea) Duration of test: 48 h
Toxicity to algae:
Tradesecret
EC50 > 100 mg/l
Duration of test: 96 h

NOEC 12.5 mg/l
Duration of test: 96 h

Toxicity to bacteria:
Enrofloxacin
EC0 0.003 mg/l
tested on: Pseudomonas putida

Biodegradability:
Tradesecret
inherently degradable

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. (40 CFR 261.20-24)

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

14. TRANSPORT INFORMATION

Land transport (DOT)
Non-Regulated

Inland waterway transport
Non-Regulated

Railway transport
Non-Regulated

Sea transport (IMDG)
Non-Regulated

Air transport (ICAO / IATA cargo aircraft only)
Non-Regulated

Air transport (ICAO / IATA passenger and cargo aircraft)
Non-Regulated
15. REGULATORY INFORMATION

**US. Toxic Substances Control Act**
This product is excluded from TSCA regulation by Section 3 (2)(B)(vi) when used for FDA application.

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)**
Components
None

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

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required Components**
None

**US. EPA CERCLA Hazardous Substances (40 CFR 302) Components**
None

**Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists**

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**California Prop. 65**

To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

**OSHA Hazcom Standard Rating**
Hazardous

16. OTHER INFORMATION

**NFPA 704M Rating**

<table>
<thead>
<tr>
<th>Health</th>
<th>1</th>
</tr>
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<tbody>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
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</tbody>
</table>

0=Insignificant  1=Slight  2=Moderate  3=High  4=Extreme

**Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a
warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.