

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078041503

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078041511



## SAFETY DATA SHEET

122000003885

**Baytril Otic**

Version 1.2

Revision Date 12/09/2010

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****Product information**

**Product Name:** Baytril Otic  
**MSDS Number:** 122000003885

**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  
Chemtec: (800) 424-9300  
BAYER INFORMATION PHONE: (800) 633-3796  
INTERNATIONAL: (703) 527-3887

**2. HAZARDS IDENTIFICATION****Emergency Overview**

**CAUTION!** **Colour:** white **Form:** liquid **Odour:** slight, like fruit.  
May cause respiratory tract irritation. May cause eye irritation.

**Hazard Communication (29CFR 1910.1200)****Acute Inhalation Hazards**

Exposure during the end use of this product is expected to be minimal. May cause respiratory tract irritation with symptoms of coughing, sore throat and runny nose.

**Acute Skin Hazards**

May cause slight irritation.

**Acute Eye Hazards**

May cause irritation with symptoms of reddening, tearing and stinging.

**Acute Ingestion Hazards**

Symptoms of ingestion may include abdominal pain, nausea, vomiting, and diarrhea.

**Chronic Effects of Exposure**

Prolonged exposure to a component in this product may cause symptoms such as lung damage, gastrointestinal disturbances, narcotic effects, sensitization dermatitis or conjunctivitis.

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<b>Medical Conditions Aggravated by Exposure</b>	Eye disorders
<b>Medical Conditions Aggravated by Exposure</b>	Skin disorders
<b>Medical Conditions Aggravated by Exposure</b>	Respiratory tract disorders
<b>Medical Conditions Aggravated by Exposure</b>	Hypersensitivity to any components of the preparation.

No Carcinogenic substances as defined by IARC, NTP and/or OSHA

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous Ingredients:**

<b>Weight percent</b>	<b>Components</b>	<b>CAS-No.</b>
1 - 5%	Silber-I-sulfadiazin	22199-08-2
1 - 5%	Alcohol derivative	

**Other Ingredients**

<b>Weight percent</b>	<b>Components</b>	<b>CAS-No.</b>
0.1 - 1%	Enrofloxacin	93106-60-6

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### 4. FIRST AID MEASURES

**General advice:** Call a physician immediately. Arrange for transport to nearest emergency room.

**If inhaled:** Remove to fresh air.

Oxygen or artificial respiration if needed.

**In case of skin contact:** After contact with skin, wash immediately with plenty of soap and water.

Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use.

**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 the patient is conscious, rinse out mouth with water and have the patient drink a glass of water or milk to dilute the material.

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

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## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media:** High volume water jet

**Specific hazards during fire fighting:** Fire may cause evolution of: Sulphur oxides nitrogen oxides (NOx) Carbon oxides

**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.

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment.

**Methods for cleaning up:** Cover spilt product with liquid-binding material (sand, silica gel, acid binder, universal binder, hybilat). Take up mechanically and fill into labelled, closable containers.

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## 7. HANDLING AND STORAGE

**Handling:**

Avoid contact with skin, eyes and clothing.

**Storage:**

Store at temperatures and conditions as indicated on the product label.

Storage temperature: 39.2 - 77 °F (4 - 25 °C)

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory protection:**

not required

**Hand protection:**

Chemically resistant gloves.

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**Eye protection:**

Safety glasses

Safety glasses with side-shields

**Other protective measures:**Use general room ventilation.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Colour:	white
Odour:	slight like fruit
Density:	0.985 g/cm <sup>3</sup> at 68 °F (20 °C)
Vapour pressure:	no data available
Viscosity, dynamic:	no data available
Miscibility with water:	emulsifiable
pH:	3.5 - 7.5
Partition coefficient (n-octanol/water):	no data available
Flash point:	> 200 °F (93.33 °C)
Ignition temperature:	not determined

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**10. STABILITY AND REACTIVITY****Conditions to avoid:** Do not allow product to come in contact with:

Heat

Protect from frost.

**Materials to avoid:** Oxidizing agents**Hazardous reactions:** None known.**Thermal decomposition:**

no data available

**Hazardous decomposition products:**Sulphur oxides, nitrogen oxides (NO<sub>x</sub>), Carbon oxides**Auto-flammability:**no data available

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**11. TOXICOLOGICAL INFORMATION**

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**Acute oral toxicity:**

LD50 rat : &gt; 5,000 mg/kg

Test substance: Enrofloxacin

**Skin irritation:**

rabbit

Result: No skin irritation

Method: OECD Test Guideline 404

Test substance: Enrofloxacin

**Eye irritation:**

rabbit

Result: Mild eye irritation

Method: OECD Test Guideline 405

Test substance: Enrofloxacin

**Sensitisation:**

Skin sensitization guinea pig

Result: Did not cause sensitization on laboratory animals.

Method: Buehler Test

Test substance: Enrofloxacin

**Pharmaceutic effects:**Antibiotic

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**12. ECOLOGICAL INFORMATION****General advice:**

Do not allow to enter surface waters or groundwater.

**Toxicity to fish:**

Acute Fish toxicity: LC0 &gt; 10 mg/l

Test species: Salmo gairdneri Test substance: Enrofloxacin Duration of test: 96 h

Acute Fish toxicity: LC0 &gt; 9.6 mg/l

Test species: Lepomis macrochirus (Bluegill) Test substance: Enrofloxacin Duration of test: 96 h

**Toxicity to daphnia and other aquatic invertebrates:**

EC0 &gt;= 10 mg/l

Test species: Daphnia magna (Water flea) Duration of test: 48 h

Test substance: Enrofloxacin

**Toxicity to bacteria:**

EC0 0.003 mg/l

tested on: Pseudomonas putida

Test substance: Enrofloxacin

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**13. DISPOSAL CONSIDERATIONS**

If discarded in its purchased form, this product would not be a hazardous waste either by listing or

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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.

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**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**

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**15. REGULATORY INFORMATION****US. Toxic Substances Control Act**

This product is exempt from TSCA under Section 3 (2)(B)(vi) when used for pharmaceutical 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**

Silber-I-sulfadiazin

**US. EPA CERCLA Hazardous Substances (40 CFR 302)Components**

Silber-I-sulfadiazin

Reportable quantity: 1 lbs

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

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Weight percent	Components	CAS-No.
1 - 5%	Silber-I-sulfadiazin	22199-08-2
1 - 5%	Alcohol derivative	

**New Jersey Environmental Hazardous Substances List and/or New Jersey RTK Special Hazardous Substances Lists**

Weight percent	Components	CAS-No.
1 - 5%	Silber-I-sulfadiazin	22199-08-2

**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**

Health	1
Flammability	1
Reactivity	0
Other	0

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

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

**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.