



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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Medical Conditions Aggrevated by Exposure	Eye disorders
Medical Conditions Aggrevated by Exposure	Skin disorders
Medical Conditions Aggrevated by Exposure	Respiratory tract disorders
Medical Conditions Aggrevated by Exposure	Hypersensitivity to any components of the preparation.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous Ingredients:**

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

Other Ingredients

Weight percent	Components	CAS-No.
0.1 - 1%	Enrofloxacin	93106-60-6

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.

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.

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)

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour:	white
Odour:	slight like fruit
Density:	0.985 g/cm ³ 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

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_x), Carbon oxides**Auto-flammability:**no data available

11. TOXICOLOGICAL INFORMATION

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Acute oral toxicity:

LD50 rat : > 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

12. ECOLOGICAL INFORMATION**General advice:**

Do not allow to enter surface waters or groundwater.

Toxicity to fish:

Acute Fish toxicity: LC0 > 10 mg/l

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

Acute Fish toxicity: LC0 > 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 >= 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

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.

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 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.