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[Dechra Veterinary Products](#)

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### **Ophtocycline® 10 mg/g Eye Ointment for Dogs, Cats and Horses**

**Species:** Cats, Dogs, Horses only

**Therapeutic indication:** Pharmaceuticals: Antimicrobials: Topical preparations: Ear/eye/nose

**Active ingredient:** Chlortetracycline Hydrochloride

**Product:** Ophtocycline® 10 mg/g Eye Ointment for Dogs, Cats and Horses

**Product index:** Ophtocycline 10 mg/g Eye Ointment for Dogs, Cats and Horses

**Withdrawal notes:** Meat and offal: 1 day. Not authorised for use in horses producing milk intended for human consumption.

**Incorporating:**

#### **Qualitative and quantitative composition**

1 gram contains: Active substance:

Chlortetracycline hydrochloride 10.0 mg

(equivalent to 9.3 mg chlortetracycline)

#### **Pharmaceutical form**

Eye ointment. Yellowish to yellow homogenous ointment.

#### **Clinical particulars**

##### **Target species**

Dogs, cats and horses.

##### **Indications for use**

Treatment of keratitis, conjunctivitis and blepharitis caused by *Staphylococcus* spp., *Streptococcus* spp., *Proteus* spp. and/or *Pseudomonas* spp.

### **Contraindications**

Do not use in cases of hypersensitivity to the active substance, to other tetracyclines or to any of the excipients.

### **Special precautions for use in animals**

Use of the veterinary medicinal product should be based on identification and susceptibility testing of the target pathogen(s). If this is not possible, therapy should be based on epidemiological information and knowledge of susceptibility of the target pathogens at farm level, or at local/regional level.

Use of the product should be in accordance with official, national and regional antimicrobial policies.

Use of the veterinary medicinal product deviating from the instructions given in this datasheet may increase the prevalence of bacteria resistant to chlortetracycline and may decrease the effectiveness of treatment with other tetracyclines due to the potential for cross-resistance.

### **Special precautions to be taken by the person administering the veterinary medicinal product to animals**

This veterinary medicinal product may cause skin sensitisation, hypersensitivity reactions and/or eye irritation.

People with a known hypersensitivity to tetracyclines should avoid contact with the veterinary medicinal product.

Avoid contact with the skin and eyes.

Wear impermeable gloves when handling the product.

In case of contact with the skin, wash exposed skin with water and soap. If you develop symptoms following exposure such as a skin rash, seek medical advice immediately and show the package leaflet or label to the physician.

In case of contact with the eyes, wash immediately with clean water. If irritation persists, seek medical advice immediately and show the package leaflet or label to the physician.

Wash hands after use.

### **Adverse reactions**

Application site reactions and eye disorders like irritation, pruritus, oedema and reddening have been very rarely reported after administration of the veterinary medicinal product in isolated cases in spontaneous reports.

The frequency of adverse reactions is defined using the following convention:

- very common (more than 1 in 10 animals treated displaying adverse reaction(s))

## NOAH Compendium

- common (more than 1 but less than 10 animals in 100 animals treated)
- uncommon (more than 1 but less than 10 animals in 1,000 animals treated)
- rare (more than 1 but less than 10 animals in 10,000 animals treated)
- very rare (less than 1 animal in 10,000 animals treated, including isolated reports).

### Use during pregnancy and lactation

The safety of the veterinary medicinal product has not been established during pregnancy and lactation. Use only according to the benefit/risk assessment by the responsible veterinarian.

### Amounts to be administered and administration route

For ocular use only.

**Horses:** Apply 2-3 cm of ointment (depending on the size of the animal) in the conjunctival sac 4 times a day for 5 days. If after 3 days of treatment no clinical improvement has occurred, alternative therapy should be considered.

**Dogs and cats:** Apply 0.5-2 cm of ointment (depending on the size of the animal) in the conjunctival sac 4 times a day for 5 days. If after 3 days of treatment no clinical improvement has occurred, alternative therapy should be considered.

### Withdrawal periods

Meat and offal: 1 day

Not authorised for use in horses producing milk intended for human consumption.

### Pharmacological particulars

*Pharmacotherapeutic group:* ophthalmologicals: antibiotics

*ATCvet code:* QS01AA02

### Pharmacodynamic properties

Chlortetracycline hydrochloride is a first-generation tetracycline. It is a predominantly bacteriostatic antibiotic that inhibits bacterial protein synthesis by binding to the 30S subunit of the bacterial ribosome. Chlortetracycline has time-dependent as well as concentration-dependent effects with AUC/MIC being the main PK/PD parameter. Chlortetracycline has a broad spectrum including both aerobic and anaerobic Gram-positive and Gram-negative bacteria.

Four resistance mechanisms acquired by microorganisms against tetracyclines in general have been reported: decreased accumulation of tetracyclines (decreased permeability of the bacterial cell wall and active efflux), protein protection of the bacterial ribosome, enzymatic inactivation of the antibiotic and rRNA mutations (preventing the tetracycline binding to ribosome).

## **NOAH Compendium**

Tetracycline resistance is usually acquired by means of plasmids or other mobile elements (e.g. conjugative transposons).

Resistance to tetracyclines is common and has been identified in target bacterial pathogens; however, the prevalence of resistance is likely to vary widely between different locations.

Cross-resistance among tetracyclines is common.

### **Pharmacokinetic properties**

Chlortetracycline is a non-lipophilic molecule. After topical administration in the eye, systemic absorption is expected to be minimal.

### **Pharmaceutical particulars**

#### **Excipients**

Paraffin, light liquid

Wool fat

Paraffin, white soft

#### **Shelf life**

Shelf-life of the veterinary medicinal product as packaged for sale: 2 years.

Shelf-life after first opening the tube: 14 days

#### **Special precautions for storage**

Do not store above 25°C.

#### **Immediate packaging**

Epoxy resin lacquered aluminium tube with a content of 5 g, with a HDPE cannula and screw cap.  
One tube in a cardboard box.

#### **Disposal**

Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal products should be disposed of in accordance with local requirements.

#### **Marketing Authorisation Holder (if different from distributor)**

Le Vet Beheer BV, Wilgenweg 7, 3421 TV Oudewater, The Netherlands.

#### **Marketing Authorisation Number**

Vm 41821/4043

#### **Significant changes**

#### **Date of the first authorisation or date of renewal**

## **NOAH Compendium**

9 August 2017

### **Date of revision of the text**

September 2022

### **Any other information**

For animal treatment only. To be supplied only on veterinary prescription. Keep out of the sight and reach of children.

### **Legal category**

**Legal category:**POM-V

### **GTIN**

**GTIN description:**Ophtocycline 10 mg/g Eye Ointment for Dogs, Cats and Horses

**GTIN:**08717973569411