

# Terramycin®

(Oxytetracycline Hydrochloride and Polymyxin B Sulfate Ophthalmic Ointment)

## Antibiotic Ophthalmic Ointment

**DESCRIPTION:** Terramycin (Oxytetracycline Hydrochloride and Polymyxin B Sulfate Ophthalmic Ointment) is an antibiotic, bright yellow in color, possessing potent antimicrobial activity. It is one of the most versatile of the broad-spectrum antibiotics, and is effective in the treatment of infections due to gram-positive and gram-negative bacteria, both aerobic and anaerobic, spirochetes, rickettsiae, and certain of the larger viruses.

Polymyxin B sulfate is one of a group of related antibiotics derived from *Bacillus polymyxa*. The polymyxins are rapidly bactericidal, this action being exclusively against gram-negative bacteria.

The broad-spectrum effectiveness of Terramycin against both gram-positive and gram-negative organisms is enhanced by the particular effectiveness of polymyxin B against infections associated with gram-negative organisms, especially those due to *Pseudomonas aeruginosa*, where polymyxin B is the antibiotic of choice. In addition, there is evidence to indicate that polymyxin B sulfate possesses some antifungal activity. The combined antibacterial effect of Terramycin plus polymyxin is at least additive and, in many instances, an actual synergistic action is obtained.

Terramycin is an ointment of oxytetracycline hydrochloride and polymyxin B sulfate in a special petrolatum base. Each gram of ointment contains oxytetracycline HCl equivalent to 5 mg of oxytetracycline and 10,000 units of polymyxin B as the sulfate.

**INDICATIONS AND USAGE:** Terramycin is indicated for the prophylaxis and local treatment of superficial ocular infections due to oxytetracycline and polymyxin-sensitive organisms, including infections due to streptococci, rickettsiae, *E. coli*, and *A. aerogenes*, such as conjunctivitis, keratitis, pink eye, corneal ulcer, blepharitis in dogs, cats, cattle, sheep, and horses; ocular infections due to secondary bacterial complications of distemper in dogs, and bacterial inflammatory conditions which

may occur secondary to other infectious diseases in the above species.

**WARNING: Serious, life threatening, hypersensitivity (anaphylactic) reactions have been reported in some cats following application of antibiotic ophthalmic preparations. If your cat has swelling of the face, itching, appears weak, vomits, or has difficulty breathing within 4 hours of application you should discontinue treatment and contact your veterinarian immediately.**

**Note:** The use of oxytetracycline and other antibiotics may result in an overgrowth of resistant organisms such as *Monilia*, staphylococci, and other species of bacteria. If new infections due to nonsensitive bacteria or fungi appear during therapy, appropriate measures should be taken.

**DOSAGE AND ADMINISTRATION:** Terramycin (Oxytetracycline Hydrochloride and Polymyxin B Sulfate Ophthalmic Ointment) should be administered topically to the eye 2–4 times daily.

**RECOMMENDED STORAGE:** Store at controlled room temperature between 20° to 25°C (68° to 77°F), with excursions between 15° to 30°C (59° to 86°F).

**HOW SUPPLIED:** 1/8-oz (3.5-g) tube

**For Animal Use Only**  
**Restricted Drug (California)— Use Only As Directed**  
**Not for Human Use**

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