

# DOXYCYCLIN 500

## WATER SOLUBLE POWDER

**Composition:**

Each gram powder contains:

500 mg doxycycline hyclate

**Spectrum of activity:**

Doxycycline is a tetracycline derivative, with bacteriostatic action against a large number of Grampositive and Gramnegative bacteria (like *Staphylococci* spp., *Haemophilus influenza*, *E. coli*, *Corynebacteria*, *Bacillus anthracis*, some *Clostridia* spp., *Actinomyces* spp., *Brucella* spp., *Enterobacter* spp., *Salmonella* spp., *Shigella* spp. and *Yersinia* spp.. It acts also against *Mycoplasma* spp., *Rickettsiae* and *Chlamydia* spp.. Absorption after oral administration of doxycycline will be good and therapeutic levels will be attained quickly and resisted for a longer period, due to a relative long-serum half-life time. Doxycycline has a great affinity to lung-tissues, therefore it is recommended especially for respiratory tract infections.

**Indications:**

Infections caused by micro-organisms susceptible to doxycycline, especially infections of the respiratory tract in calves, pigs and poultry (broilers).

**Contra-indications:**

Hypersensitivity to tetracyclines, serious renal- and/or liver dysfunctions, simultaneous administration with penicillins and/or cephalosporines.

**Side-effects:**

Sometimes hypersensitivity reactions may occur and long-term treatment may result in gastro-intestinal disturbances and changes of gut flora.

**Dosage and administration:**

Orally via drinking water or feed. The general dose is 10 mg/kg bodyweight daily.

Calves : 200 mg powder per 10 kg bodyweight, twice the first day, and once daily the next 3-4 days.

Pigs : 3 g powder per 10 litres of drinking water, during 3-5 days or 3,000 gram per 1,000 kg feed.

Poultry (broilers) : 150 gram per 1000 litres of drinking water, during 3-5 days.

Mixed with feed, the product should be used immediately.

Medicated drinking water should be used within 24 hours.

**Withdrawal time:**

For meat: 7 days (broilers), 14 days (calves).

**Storage:**

Store closed in and dry at 15-25 °C.

**Shelf life:**

3 years.

**Presentation:**

Plastic jar of 1000 gram.



**FOR VETERINARY USE ONLY**  
**KEEP OUT OF REACH OF CHILDREN**