



**Doxycycline 50%**

**DOXYPHARMA®**

**Antibacterial / Water Soluble Powder**



**Each gram of product contains:**

Doxycycline (Hyclate) ..... 500 mg  
Excipient q.s. to ..... 1 g

**Target Species: Poultry**

**Mode of action:**

Doxycycline is a broad-spectrum bacteriostatic antibiotic belongs to the group of Tetracyclines.

The action of doxycycline is based on inhibition of bacterial protein synthesis by binding to bacterial ribosomes. It acts upon of some *Gram-positive* and *Gram-negative Bacteria*, *Chlamydia*, *Rickettsia*, *Mycoplasma*, and certain *Protozoa*.

**Indications:**

DOXYPHARMA® is used to treatment of the respiratory tract disease caused by *Mycoplasma spp.*, *Esherishia coli*, *heamophilus paragalinarum* and *Bordetella avium*; Enteritis caused by *Clostridium perfringes* and *Clostridium colinum*.

**Contraindications:**

- Do not use in case of hypersensitivity to tetracyclines group.
- Do not use in animals with severe liver-or kidney insufficiency.
- Do not use in layers producing eggs for human consumption.

**Dosage and mode of administration:**

40 mg DOXYPHARMA® per kg body weight per day for 3 to 5 consecutive days.  
or 200 to 400 grams per 1000 liters of drinking water for 3 to 5 consecutive days.

**Notice:**

Duration and amount of use, should be administered by veterinarian.  
Medicated solution should be freshly prepared daily and consumed within 24 hours.  
Medicated drinking water should be the only water source available.  
Recommended to prepare a concentrate pre-solution) based on the prescribed dose per 20 litter drinking water) and dilute it to the therapeutic drinking water.

In order to obtain correct dosage should be calculated based on the recommended dose, and the number and weight of the animals to be treated ,according to the following formula:

$$\frac{\text{mg product/kg body weight/day} \times \text{average body weight(kg) of animals to be treated}}{\text{Daily water consumption (lit) per animal}} = \text{mg product per liter of drinking water}$$

The dosage rates of oral solutions or water soluble powder depending on the amount of up take of medicated drinking can be influenced by factors like ambient temperature in different seasons ( warm or cold weather), salt content of food, clinical conditions of animal, stocking density, quality and hardness of water.

**Interaction:**

Do not use in conjunction with bactericidal antibiotics, such as Penicillins and Cephalosporins.  
Tetracyclines can chelate cations (e.g. Mg, Mn, Fe and Al) and this may lead to decreased bioavailability.

**Withdrawal Time: 5 days before slaughtering.**

**Precaution:** For veterinary use only. Keep out of reach of children. Wear overalls, impervious gloves, safety glasses and dust mask when handling or mixing the product. If DOXYPHARMA® accidentally enters the eyes wash eyes with plenty amount of water.

**Storage:** Keep in closed original pack, cool and dry place, below 25°C. Protect from direct sunlight.

**Shelf life:** 2 years from the date of manufacture.

**Packing:** 500g three-layers aluminum laminated foil.

