

**VAPCO**

ANTIBACTERIALS/  
ANTIBIOTICS

# **TYLODINE**

**Water Soluble Powder**

**Composition:** Each gm Contains:

<b>Tylosin Tartrate</b>	<b>100 mg</b>
<b>Doxycycline Hyclate</b>	<b>200 mg</b>

## **Description**

- The combination of Tylosin and Doxycycline has an additional mode of action.
- Doxycycline belongs to the group of tetracyclines and has a bacteriostatic activity against many Gram-positive and Gram-negative bacteria like Staphylococcus spp., Diplococcus pneumonia, Streptococcus spp., Haemophilus influenza, E. coli, Pneumococci, Bacillus anthracis, Clostridium tetani and Cl. perfringens, Listeria monocytogenes, Actinomyces spp., Enterobacter spp., Klebsiella spp., Salmonella spp., Shigella spp. and Yersinia spp.
- Doxycycline is also active against Mycoplasma spp. (M. pneumonia), Rickettsiae and Chlamydia spp. After oral administration, doxycycline will be well resorted and effective blood levels will be obtained quickly, persisting for a considerable time. This is caused by the relative large half-life time of doxycycline.
- Doxycycline is especially recommended for the treatment of bacterial respiratory infections.
- Tylosin is a macrolide antibiotic with a bacteriostatical activity against mainly Gram-positive bacteria and cocci (Gram-negative Meningococci and Gonococci). It is effective against the following bacteria: Staphylococcus spp., Streptococcus spp., Corynebacterium spp., Neisseria spp., Flavobacterium spp., Campylobacter spp., Bacillus anthracis, Moraxella bovis Clostridium spp., Haemophilus spp., Bordetella bronchiseptica, Spirochetes (especially Treponema hyodysenteriae) and obligate anaerobe organisms (like M. hyosynovial, M. hyorhinis, M. hyopneumoniae and M. caprae). Insensitive are the mycobacteria, Nocardia spp. and fungus. After oral administration, therapeutic blood levels will be reached within 2 - 4 hours.

## **Indications**

Tylocline is effective against infections caused by micro-organisms sensitive to tylosin and doxycycline in calves, poultry and pigs. Especially indicated for the treatment of gastrointestinal and respiratory infections.

## **Contra-indications**

- Do not administer to animals hypersensitive to tylosin, cross-resistance with macrolides appears.
- Do not administer to animals hypersensitive to tetracyclines. Do not administer to animals with a severe impaired liver or renal function.

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### **Dosage and administration**

For oral administration via feed or drinking water.

- Calves: 1.25 g per calf of 50 kg bodyweight daily, during 3 - 5 days.
- Pigs: 100 g per 200 - 400 litres of drinking water daily, during 3 - 5 days.
- Poultry: 100 g per 200 - 400 litres of drinking water daily, during 3 - 5 days.
- Mixed with feed: 1 kg per 1,000 kg of complete feed, during 2 - 5 days.
  
- The above mentioned dosage for pigs and poultry can be doubled without any danger for the animals.
  
- Mixed with feed, the product should be used immediately. Medicated drinking water should be used within 24 hours.

### **Withdrawal period**

Meat: 15 days

Eggs: 4 days

### **Storage**

Store in a dry, dark place below 30 °C.

Keep medicine away from children.

### **Packing:**

100, 250, 500, 1000 gm.