

# **Doxyvestal**

W.S.P (For vet. use only)

### **Compostion:**

## Each 1 gm contains:

Doxycycline hyclate 1000 mg (Eq. To doxycycline base 867 mg)

## **Properties:**

Doxycycline, a tetracycline derivative is effective against aerobic and anaerobic gram-positive and gram-negative bacteria, Rickettsia, Chlamydia, Mycoplasma, spirochetes and Protozoa.

Doxycycline inhibits bacterial protein synthesis intracellularly by binding on the 30-S ribosome subunits. This interferes with binding of aminoacetyl-tRNA to the acceptor site on the mRNA ribosome complex and prevents coupling of amino acids to the elongating peptide chains. The effect is bacteriostatic.

#### **Indication:**

**Pigs:** Treatment of the following specified infections of the respiratory tract caused by micro-organisms susceptible to doxycycline as:

- Atrophic rhinitis caused by Pasteurella multocida and Bordetella bronchiseptica;
- Bronchopneumonia caused by Pasteurella multocida, Streptococcus suis and Mycoplasma hyorhinis;
- Pleuropneumonia caused by Actinobacillus pleuropneumoniae.

### **Broiler Chickens:**

- Infections of the respiratory tract caused by Mycoplasma spp., Escherichia coli, Haemophilus, paragallinarum and Bordetella avium;
- Enteritis caused by Clostridium perfringens and Clostridium colinum.

### **Target species:**

Pig and Broiler chickens.

### **Dosage and administration:**

Route Orally via drinking water.

## Dose of whole product:

**Pig:** 0.75 g of the product equivalent to one day of treatment of 50 kg pig for 5 days.

**Broiler Chickens:** 0.25 g of the product / liter for 5-3 consecutive days.



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**Pre-ruminating calves:**1 gm of the product /12.5 kg bw twice daily, for 7 to 14 days.

### **Warning & Precautions:**

Use of the product should be based on susceptibility testing. Absorption of doxycycline can be decreased in presence of high quantities of calcium, Iron, mg in diet.

### **Contra – Indications:**

- Do not use in animals previously demonstrated hypersensitivity to tetracyclines.
- Not permitted for use in laying birds producing eggs for human consumption.
- Do not use in animals suffering from kidney problems.

#### **Adverse Effects:**

As for all tetracyclines, allergic reactions or photo sensitization occur. Yellowing of bones and teeth and Enamel hypoplasia may occur after use in young animals.

### Withdrawal time:

In pig (Meat and offal): 8 days.

**Broiler Chickens:** 10 days

### **Storage conditions:**

Store at temperature not more than 30°c.in dry place and used immediately after opening and reconstitution.

# **Packaging:**

White plastic (HDPE) Jar containing 10 gm &1000 gm powder with an outer label sealed with aluminum seal lined inside by (HDPE) plastic film, closed by white plastic (HDPE) cap, with (LDPE) plastic foam imbedded in cap.

# Manufactured by Amcomed For Pharmaceutical And Chemical Industries for Ed pharma