

## **DOXYCYCLINE 20% W.S.P.**

### **Composition:**

Contains per g water soluble powder:

Doxycycline hyclate ..... 200 mg

### **Description:**

Doxycycline is a tetracycline antibiotic with bacteriostatic activity against gram-positive and gram-negative bacteria, including *Mycoplasma* spp, *Rickettsia* spp. and *Chlamydia* spp.

### **Indications:**

Bacterial infections in calves, swine and broilers, caused by microorganisms susceptible to doxycycline, specifically respiratory tract infections such as Chronic Respiratory Disease (CRD), shipping fever, rhinotracheitis and secondary bacterial infections during the course of viral disease, as well as Porcine Intestinal Adenomatosis (PIA-complex).

### **Contraindications:**

Hypersensitivity to tetracyclines, animals with severe impaired hepatic function, animals with functional rumen.

### **Dosage and administration:**

For oral administration in drinking water or artificial milk.

The recommended dose is 10 mg doxycycline per kg body weight for swine and calves and 15 mg doxycycline per kg body weight for broilers.

Poultry (broilers)..... 400-500 g per 1000 litres of water, continuously, for 3 days

Swine..... 450-500 g per 1000 litres of water, continuously, for 3 days

Calves..... 2-2.5 g per 50 kg body weight, per day for 3 – 5 days, administered in enough volume of milk (milk replacer) pre-warmed at about 40°C.

The drinking water consumption and the body weight of animals should be determined with accuracy.

Medicated water or milk should be used immediately and refreshed every 24 hours for the duration of the treatment.

### **Side effects:**

Gastrointestinal disturbances.

### **Precautions and warnings:**

It is recommended that the susceptibility of the causative microorganisms is established before treatment is commenced.

Severely sick animals have altered drinking patterns and may need to be medicated parenterally.

Dosage may need to be adjusted to reflect herd or flock water consumption.

**Withdrawal times:**

Meat and offal: 13 days (calves and porkers)  
7 days (broilers)

Do not administer in layers producing eggs for human consumption.

Do not use in animals producing milk for human consumption.

**Storage conditions:**

Store dry and below 25°C. Do not freeze.

**Packing:**

1 kg jars.