

N.S. LABORATORY SDN. BHD.

NS-CTC, 500mg/g, Powder for use in drinking water

Active Ingredient:

Each gram contains

Chlortetracycline hydrochloride-----500mg

Product Description:

Yellow powder which can be dissolved in animal drinking water.

Dosage form:

Powder for use in drinking water

Pharmacodynamics:

Chlortetracycline hydrochloride is a bacteriostatic antibiotic belonging to the tetracycline group, which acts by inhibition of protein synthesis.

Pharmacokinetics:

Chlortetracycline hydrochloride is readily absorbed and distributed in the tissues in chickens and pigs. Blood concentrations may be enhanced by administration with citric acid.

Indication:

For use in the treatment of infections due to susceptible bacteria in broiler chickens and pigs.

Chickens: For the treatment and control of colibacillosis secondary to infectious bursal disease, chronic respiratory disease caused by *Mycoplasma gallisepticum* and *Escherichia coli*, and *Salmonella enteridis*, *Salmonella typhimurium* and *Pasteurella multocida* infections.

Pigs: For the treatment and control of respiratory diseases associated with *Mycoplasma hyopneumoniae*, *Streptococcus suis* and toxigenic strains of *Pasteurella multocida*. It is also used in the treatment and control of rhinitis due to *Bordetella bronchiseptica* and streptococcal meningitis due to *Streptococcus suis* type II.

Mode of Administration:

Oral administration via drinking water.

Recommended Dosage:

The product is recommended for oral administration in drinking water.

Chickens: 200g of product should be dissolved in 600L of drinking water and administered daily for up to 5 days. This will provide a daily dosage of 20 - 50mg Chlortetracycline HCl/kg depending on water consumption. Dosage may be adjusted to up to 60mg/kg depending upon the severity of infection, by careful calculation of the total bodyweight of the birds and dissolving the requisite amount of product in the quantity of water consumed within 24 hours.

Pigs: In order to achieve the recommended dosage rate of 20mg Chlortetracycline HCl/kg, 200g of product should be dissolved in 500L of water and administered daily for up to 5 days. This will provide medication for 5000kg of pigs. Allowance for wastage of medicated water and reduced water intake should be made and the necessary adjustment made to the amount of product used. Medicated water should be prepared daily and any unused water should be discarded safely. Chickens and pigs should have access only to medicated water during treatment.

Contraindications:

None known

Special Warnings for each Target Species:

None known

Special Precautions for Use in Animals:

Once opened, the entire contents of the 100g/500g sachet must be added to the required quantity of water. Any medicated water, which is not consumed within 24 hours, should be discarded safely. Chickens and pigs should have access only to medicated water during treatment.

Special Precautions to be taken by the Person Administering the Veterinary Medicinal Product to Animals:

Avoid inhalation of dust by wearing a protective mask. In case of accidental spillage on to the skin or eyes, wash the affected area with clean running water immediately. Seek medical attention if irritation occurs/persists. Wash hands thoroughly after using this product.

Interactions with other Medicaments:

Absorption of chlortetracycline from the alimentary tract is reduced by calcium, iron, magnesium and zinc salts.

Usage during Pregnancy and Lactation:

Do not administer this product to pregnant sows.

Adverse Effects:

Not applicable

Overdose and Treatment:

No specific antidote is available.

Withdrawal Periods (Meat and Offal):

Chickens: 3 days; Pigs: 6 days

Not for use in laying birds producing eggs for human consumption.

Storage Condition:

Store in cool, dark and dry place (< 30°C)

Shelf Life:

24 months

Shelf Life after Opening:

Discard any unused powder immediately after opening

Shelf Life after Dilution/Reconstitution:

24 hours

Packaging Available:

100g/packet, 100packets/carton, 10kg/carton;

500g/packet, 30packets/carton, 15kg/carton

Manufacturer and Registration Holder:

N.S. Laboratory Sdn. Bhd.

54, Jalan S2C2, Green Technology Park, Seremban 2, 70300 Seremban, Negeri Sembilan, Malaysia.

Revised Date:

11/10/2022