

Veterinary Package Insert

Product Name:**ERYTO 30% W/W WATER
SOLUBLE POWDER****Product Description:**

White powder which contains 300mg of Erythromycin Thiocyanate in 1g.

Pharmacodynamics:

Erythromycin is a macrolide antibiotic with a bacteriostatic action against a wide range of bacteria, although it also has a bactericidal action against certain pathogenic organisms. It is highly active against gram-positive bacteria and at low concentrations it inhibits many other types of micro-organisms. In addition to the gram-positive bacteria, most strains of *Neisseria* and *Haemophilus* are sensitive as are some strains of *Bordetella*, *Brucella*, *Pasteurella*, *Listeria*, *Actinomyces*, *Mycoplasma*, *Rickettsia*, certain large viruses and *Treponema pallidum*.

Erythromycin exerts its effect only against multiplying bacteria. It inhibits protein synthesis by binding to 50 S ribosomal subunits of sensitive micro-organisms. Certain resistant micro-organisms with mutational changes in components of this subunit of the ribosome fail to bind the drug.

Pharmacokinetics:

Erythromycin is absorbed rapidly when administered orally and diffusion occurs into most tissues and fluids. Elimination of erythromycin occurs primarily through hepatic metabolism and the remainder is excreted in active form in the urine and bile.

Indication:

For the treatment of Chronic Respiratory Disease caused by *Mycoplasma* infection.

Recommended Dose:

For oral administration via the drinking water.

The intake of medicated water depends on the clinical condition of the animals. In order to obtain the correct dosage, the concentration of erythromycin has to be adjusted accordingly.

For larger sachets, 150g and 500 g:

Mix 150g Eryto soluble per 162 litres of drinking water and administer continuously for 1-5 days, depending on response (approximately 25.5 mg/kg Erythromycin bodyweight per day).

Slowly add 150 g of Eryto 30% to not less than 8.2 litres of clean, cold drinking water, stirring continuously until completely dissolved. This solution should then be added to more drinking water to make up a total volume of 162 litres. Ensure that the inlet to the header tank is closed.

Mode of Administration:

Oral

Contraindications:

Any medicated drinking water which is not consumed within 24 hours should be discarded.

Warning and Precautions:

i. Special precautions for use in animals

The water system to which the product is added must be in good working order and the header tanks and troughs must be free of dust, algae or other particulate matter.

Official, national and regional antimicrobial policies should be taken into account when the product is used.

Due to a lack of information on the fate and effects of erythromycin in the environment veterinary surgeons prescribing this product under the cascade should satisfy themselves that there will be no adverse impact on the environment.

ii. Special precautions to be taken by the person administering the medicinal product to animals

Do not eat, drink or smoke while preparing the diluted formulation or while animals are being treated. In case of contact with eyes, rinse immediately with clean water and seek medical advice if irritation persists. Wash hands and exposed skin after use.

Interactions with Other Medicaments:

None reported.

Pregnancy and Lactation:

Not applicable

Adverse Effects:

None reported.

Symptoms and Treatment of Overdose:

No information available.

Withdrawal Period:

Chickens: 6 days, eggs 6 days

Packaging:

Packed in 150gm or 500gm aluminium foil

Storage Condition:

Store below 30°C in dry place, protected from light.

Shelf Life

Two years from date of manufacturing

To be used within 24 hours after first opening of container.

To be used within 24 hours after dilution.

Product Registration Holder

DEXCHEM INDUSTRIES SDN. BHD.

(Company No.: 555717-U)

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Manufactured and Distributed by:

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Dec 2019