

**Product Name:**

ENXASOL 20% Oral Solution

**Composition:**

Each ml contains:

Enrofloxacin 200mg

Preservative:

Methylparaben 1mg

**Product Description:**

Yellowish solution

**Pharmacodynamics:**

Enrofloxacin is a synthetic, broad spectrum antimicrobial substance, belonging to the fluoroquinolone group of antibiotics. It is bactericidal in action by a concentration dependent killing activity against many gram positive and gram negative bacteria and mycoplasma. The mechanism of action of the quinolones is to inhibit bacterial DNA gyrase, an enzyme responsible for controlling the supercoiling of bacterial DNA during replication. Resealing of the double stranded helix is inhibited resulting in irreversible degradation of the chromosomal DNA. The fluoroquinolones also possess activity against bacteria in the stationary phase by an alteration of the permeability of the outer membrane phospholipid cell wall.

**Pharmacokinetics:**

The pharmacokinetics of enrofloxacin are such that oral and parenteral administration leads to similar serum levels. Enrofloxacin possesses a high distribution volume. Tissue levels 2-3 higher than that found in the serum, have been demonstrated in laboratory animals and target species. Organs in which high levels can be expected are the lungs, liver, kidney, bone and lymphatic system. Enrofloxacin also distributes into the cerebrospinal fluid, the aqueous humour and the foetus in pregnant animals.

**Indications:**

Poultry and turkeys For use in the treatment of diseases of the respiratory and alimentary tracts of bacterial or mycoplasmal origin (eg: pasteurellosis, mycoplasmosis, coli-bacillosis, coli-septicaemia and salmonellosis) where clinical experience, supported where possible by sensitivity testing of the causal organism, indicates enrofloxacin as the drug of choice.

**Dosage and Administration:**

The product is administered via the drinking water. Medicated water should be made up immediately prior to provision. Medication of the water supply should be continuous during the treatment period and no other source of water should be available. The product should be given over a minimum period of 6 hours per day to allow all birds to drink. Poultry The dose rate is 10 mg/kg bodyweight daily for 3 to 10 days. The product may be put directly into the header tank or introduced via a water proportioner pump. For the treatment of salmonellosis or pasteurellosis a treatment period of 5 to 10 days must be used. For other conditions the duration of treatment may be 3 to 5 days.

**Contraindications:**

Not to be used in animals with known sensitivity to the active ingredient The product should not be used for prophylaxis. Do not use in chicken producing eggs for human consumption.

**Interaction with Other Medicaments:**

No adverse events related to product interaction has been described

**Pregnancy and Lactation:**

Pregnancy and lactation: Not applicable, the product is indicated only for use in poultry.

Lay: Do not administer to layer replacement birds within 14 days of coming into lay.

**Side effects:**

No adverse events related to product interaction has been described.

**Symptoms and Treatment of Overdose:**

Do not exceed the recommended dose.

**Warning and Precautions:**

Keep out of reach of children.

Jauhi dari kanak-kanak.

Shake well before use. Fluoroquinolones should be reserved for the treatment of clinical conditions which have responded poorly, or are expected to respond poorly, to other classes of antimicrobials. Whenever possible, fluoroquinolones should only be used based on susceptibility testing. Use of the product deviating from the instructions given in the SPC may increase the prevalence of bacteria resistant to the fluoroquinolones and may decrease the effectiveness of treatment with other quinolones due to the potential for cross resistance. Wear impervious gloves when handling the product. Wash any splashes from skin or eyes immediately with water. Wash hands and exposed skin after use. Do not eat, drink or smoke while using the product.

**Withdrawal Periods:**

Do not administer to layer replacement birds within 14 days of coming into lay.

Chicken Meat: 8days

Eggs: Contraindicated (not for use in birds producing eggs for human consumption)

**Storage conditions:**

Store in cool, dark place. Store below 30° C. Protect from direct light.

**Pack Size:**

1kg, 100gm

**Distributed by Product Registration Holder:**

LIM SENG PHARMACHEM SDN. BHD.

2692, Tingkat Perusahaan Enam,

Prai Industrial Estate MK1,

13600 Prai, Pulau Pinang, Malaysia.

**Manufactured By:**

DEXCHEM INDUSTRIES SDN BHD  
No. 6 & 8, Jalan Industri CheroK To'Kun 2,  
Taman Industri CheroK To'Kun,  
14000 Bukit Mertajam, Pulau Pinang.

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