

# Tylokel 75

water soluble powder

## COMPOSITION:

Tylokel 75 contains: Tylosin tartrate eq. 750 000 I.U. (750 mg) Tylosin – Excipients up to 1 g.

## PHARMACEUTICAL PROPERTIES:

Tylosin is a macrolide antibiotic that is essentially active against Gram-positive bacteria and mycoplasma. It is also active against some Gram-negative bacteria, spirochetes, some rickettsia and chlamydia.

## TARGET SPECIES:

Poultry (chickens, turkeys), pigs.

## INDICATIONS:

- 1) Poultry: → Prevention and treatment of chronic respiratory disease (CRD) caused by *Mycoplasma gallisepticum* in chickens and turkeys.  
→ As an aid in treatment of infectious sinusitis in turkeys.
- 2) Pigs: → Prevention and treatment of swine dysentery, as an aid in treatment (maintenance of growth, improvement of feed efficiency) in case of chronic infections (enzootic pneumonia, atrophic rhinitis).

## CONTRA-INDICATIONS:

Administration to animals with a prehistory of tylosin hypersensitivity is contra-indicated.

## DOSAGE, ROUTE AND MODE OF ADMINISTRATION:

Tylokel 75 water sol. powder is administered with the drinking water or feed.

### Poultry:

Mix in the drinking water to obtain a final concentration of 0.05 % tylosin = 100 g Tylokel 75 water sol. powder per 150 litres of drinking water.

Medicated water is provided as the only source of drinking water.

- **Prevention of CRD:** Tylokel 75 is added to the drinking water of 1-day old chicks for 3 successive days. Repeat treatment after about 4 weeks of age for 1-2 days. Medication may also be given in case of increased infection danger (e.g. stress at time of vaccination).
- **Treatment of CRD:** Tylokel 75 is added to the drinking water for 2 to 5 days.
- For supporting therapy in case of infectious sinusitis in turkeys, Tylokel 75 is added to the drinking water for 2 to 5 days.

### Pigs:

Mix in the drinking water to attain a final concentration of 0.025 - 0.05 % tylosin = 100 g to 200 g Tylokel 75 water sol. powder per 300 litres of drinking water.

Medicated water is provided as the sole source of drinking water for 3 to max. 10 days.

Tylokel 75 can also be mixed with feed at the rate of 1 kg per 1000 kg of complete feed.

	Prevention	Treatment
Poultry	100 g in 150 litres drinking water for 3 days	100 g in 150 litres drinking water for 5 days
Pigs	100 g in 300 litres drinking water for 3-10 days	100 g in 150 litres drinking water for 3-10 days

For administration with the drinking water, first mix the total amount of Tylokel 75 water sol. powder that is calculated in a small portion of drinking water until homogeneous. Then add the concentrated solution under continuous stirring to the drinking water until the desired final concentration is obtained. Fresh solutions should be prepared every day.

### UNDESIRABLE EFFECTS:

Anal irritation, manifested as frequent episodes of rapid tail shaking, erythema, oedema of rectal mucosa and rectal prolapse seldom may occur in pigs.

### INTERACTIONS:

Tylosin is compatible with most anticoccidia feed additives. Combination with lincomycin may be antagonistic.

### PACK SIZE:

1.333 kg of finished product (equivalent with 1 kg tylosin base).

In some countries this product is also known as 'Tylosin 75%'.