

Doxalin

Doxycycline

Oral solution for veterinary use

Composition

1 ml contains active substance:

- **Doxycycline (hyclate) – 100 mg/ml**

Description

Yellow, yellow-brown or brown transparent liquid with a characteristic odor.

Pharmacological properties

Doxalin is an antibacterial medicinal product of the tetracycline group. It has a bacteriostatic effect against Gram-positive and Gram-negative microorganisms, certain protozoa and mycoplasmas, including:

Escherichia coli, Haemophilus spp., Pasteurella spp., Salmonella spp., Staphylococcus spp., Streptococcus spp., Clostridium spp., Chlamydia spp., Listeria spp., Leptospira spp., Mycoplasma spp.

The mechanism of action is based on inhibition of enzymes responsible for catalyzing the binding of aminoacyl-tRNA to ribosomal acceptors, resulting in blockade of interaction between aminoacyl-tRNA and mRNA and disruption of protein synthesis in microbial cells.

Indications for use

For treatment of bacterial respiratory and gastrointestinal diseases in farm poultry and pigs, including:

- **Salmonellosis**
- **Colibacillosis**
- **Enteritis**
- **Enzootic pneumonia**

- **Pasteurellosis**
 - **Mycoplasmosis**
 - **Infections caused by doxycycline-sensitive microorganisms**
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Contraindications

Do not use in animals hypersensitive to tetracyclines.
Do not use in renal insufficiency, pregnancy or lactation.
Do not use in laying hens.

Adverse reactions

Animals should be protected from sunlight during treatment, as doxycycline may increase skin photosensitivity.
Prolonged treatment may cause intestinal disturbances.

Target species

Farm poultry, pigs.

Dosage and administration

Administer orally via drinking water, individually or group treatment:

Poultry:

0.5–1 ml per 1 liter of drinking water
(equivalent to 50–100 mg doxycycline per 1 liter of water)

Treatment course: 3–5 days

Pigs:

1 ml per 10 kg body weight
(equivalent to 10 mg doxycycline per kg body weight)

Once daily for 5 days

Special warnings

During treatment, animals must receive only water containing the medicinal product. The medicated solution is intended for use within 24 hours and must be freshly prepared daily.

No specific precautions for target species.

Persons handling the product must observe general hygiene and safety measures. Avoid direct contact if hypersensitive to components.

Wash hands after use.

Empty packaging must not be reused and should be disposed of with household waste.

In case of accidental contact with skin or eyes, rinse thoroughly with water.

If allergic reactions occur or accidental ingestion happens, seek medical advice and show the label/instructions.

Overdose

Symptoms may include diarrhea, vomiting, loss of appetite, impaired coordination.

Discontinue use and provide symptomatic treatment.

Interactions

Do not use simultaneously with penicillin and cephalosporin antibiotics or calcium-containing products due to possible reduction of activity.

Pregnancy and lactation

Do not use during pregnancy or lactation.

Use is permitted in young animals.

Withdrawal period

Meat and meat products:

- **Poultry – 6 days after last administration**
- **Pigs – 10 days after last administration**

Storage conditions

**Store in a dry, cool place protected from light at 0°C to 25°C.
Keep out of reach of children.**

Shelf life

**3 years.
After first opening – 28 days.**

Presentation

- **100 ml polyethylene bottle**
 - **1 L white polyethylene bottle**
 - **1 ml glass ampoule**
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Pharmacotherapeutic group

Systemic antibacterials

ATC vet code: QJ01AA02 – Doxycycline

For animal treatment only.

Prescription veterinary medicinal product.

Manufacturer

LLC “Biotecs”, Georgia, Tbilisi, 8 Yumashvili Street.