

DOXIMICINA

DESCRIPTION

Doxycycline and erythromycin in oral and injectable solution.

TECHNICAL PROPERTIES

DOXIMICINA is a product based on the synergetic association of two antibiotics.

Doxycycline is a semi-synthetic liposoluble tetracycline that is absorbed for 80-90 % at digestive level and that persists for a long time in the organism due to its strong fixation to plasma proteins. Its half life is 18 to 22 hours. Doxycycline, like other tetracyclines, may form a stable calcium complex in any bone-forming tissue, though in vitro it binds calcium less strongly than other tetracyclines so it is appropriate to administer it to young animals. It has a wide action spectrum: *Salmonella*, *E. coli*, *Staphylococcus*, *Streptococcus*, *Lysteria*, *Mycoplasmas*, *Corynebacterium*, *Clostridium*, *Clamydias*, *Pasteurella*, *Actinobacillus* and *Haemophilus*. It is also active against some protozoa like *Giardia*.

Erythromycin is a macrolid antibiotic that is quickly absorbed and diffused in tissues and blood fluids. It is eliminated through kidney and bilis. It operates on the protein synthesis and it is active against *Staphylococcus*, *Mycoplasma*, *Streptococcus*, *Corynebacterium* and *Clostridium*.

INDICATIONS AND SPECIES

Intended for poultry, pigs, sheep, goats and cattle in the treatment of :

- Poultry: colibacilosis, mycoplasmosis, C.R.D., staphylococcia and pasteurellosis.
- Pigs (only intramuscular injection): pneumonia, actinobacillosis, nephritis, arthritis and diarrhea.
- Sheep and goats: pneumonia, clamydiasis, diarrhea and arthritis.
- Calves: pneumonia, diarrhea and arthritis.

COMPOSITION

Doxycycline hyclate	100 mg
Erythromycin thiocyanate	100 mg
Excipient to	1 ml

DOSAGE

It is administered orally mixed with the drinking water or milk at doses of 0.25 to 0.5 ml per litre. By parenteral injection at doses of 0.5- 1 ml/10 k.l.w. The length of the treatment should be 4 to 5 days, but it can be modified depending on the veterinary criteria.

INCOMPATIBILITIES

Do not administer together with kaolin or iron. It can interact slightly with calcium, magnesium or aluminum.

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CONTRAINDICATIONS

Do not use in animals hypersensitive to tetracyclines. It can cause a decrease in intestinal flora after prolonged treatments.

OVERDOSAGE

In case of photosensibilization or allergic reactions it is recommended to stop the treatment and to administer antihistaminics.

PACKAGING

100 and 250 ml glass vials and 1 and 5 liters plastic bottles.

WITHDRAWAL PERIOD

Meat: 7 days. Eggs: do not use in animals whose eggs are intended for human consumption. Milk: do not use in animals whose milk is intended for human consumption.

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