

FLOSAN® 30%

Solution for injections

Description

Light yellow or straw-colored transparent viscous solution.

Composition

1 ml of the drug contains:

active ingredient: florfenicol – 300 mg;

excipient: propylene glycol, PEG-400.

Pharmacological properties

ATCvet: QJ01. Antibacterials for systemic use.

Florfenicol is a synthetic broad-spectrum antibiotic, which is a derivative of thiamfenicol. It demonstrates effect against *Pasteurella spp.*, *Actinobacillus pleuropneumoniae*, *Bordetella bronchiseptica*, *Salmonella spp.*, *Escherichia coli*, *Proteus spp.*, *Haemophilus spp.*, *Staphylococcus spp.*, *Streptococcus spp.*, *Shigella spp.*, *Klebsiella spp.*, *Enterobacter spp.*, *Aeromonas salmonicida*, *Campylobacter spp.*, *Edwardsiella ictaluri*, *Edwardsiella tarda*, *Flexibacter spp.*, *Yersinia pseudotuberculosis*, *Vibrio spp.*, as well as mycoplasmas (*Mycoplasma spp.*). The mechanism of action is related to inhibition of activity of microbial cell peptidyltransferase, particularly – in the area of 70S ribosomes.

After oral administration florfenicol penetrates into organs and tissues, reaching concentrations of 4-8 µg/g in lungs, heart, pancreatic gland, skeletal muscles, spleen. Relatively high concentrations are found in bile, kidneys, small intestine, urine. Urinary metabolites are composed of florfenicolamine, florfenicol oxamic acid, monochloroflorfenicol. About 64% of florfenicol is biotransformed into florfenicol amine – a metabolite, which is present in liver for the longest period. Half-life period of the drug makes 2.6-3.2 hours on average. It is mostly (up to 50%) eliminated from the body with urine unchanged, the rest of the drug and its metabolites are eliminated with feces.

Administration

Cattle. Treatment of animals against interdigital necrobacillosis, keratoconjunctivitis as well as diseases of respiratory organs caused by florfenicol-sensitive microorganisms.

Swine. Treatment of animals against diseases of respiratory organs caused by florfenicol-sensitive microorganisms.

Dosage

Administer in the following doses:

swine: 15 mg of florfenicol per 1 kg body weight intramuscularly (0.5 ml of the drug per 10 kg body weight). Repeat injection in 48 hours;

cattle: 20 mg of florfenicol per 1 kg body weight intramuscularly (1 ml of the drug per 15 kg body weight) twice with an interval of 48 hours or 40 mg of florfenicol per 1 kg body weight subcutaneously (2 ml of the drug per 15 kg body weight) once.

Administer maximum 10 ml of the drug per single injection site.

Contraindications

Do not administer to animals sensitive to florfenicol. Do not administer to pregnant and lactating animals, stud bulls and breeding boars. Do not use in combination with antibiotics of the penicillin group, cephalosporins and fluoroquinolones as well as thiamfenicol and chloramfenicol.

Precautions

Animal slaughter for meat is possible as follows: swine – in 14 days, cattle in case of intramuscular administration – in 30 days, cattle in case of subcutaneous administration – in 44 days following the last administration of the drug. Meat obtained before the mentioned term shall be utilized or fed to non-productive animals depending on the statement of veterinary physician.

Packaging

Glass vials of 100 ml sealed with rubber stoppers and aluminum caps.

Storage

Store in a dark place out of the reach of children at 5-30°C. Do not freeze!

Shelf life

2 years. 48 hours after initial opening (sampling) if stored at 2-8°C.