

**FLOSAN® 4%**  
**Solution for oral administration**

**Description**

Transparent viscous solution.

**Composition**

1 ml of the drug contains:

*active ingredient:* florfenicol – 40 mg;

*excipient* - PEG-400.

**Pharmacological properties**

**ATCvet:** *QJ01*. Antibacterials for systemic use. *QJ01BA90*. Florfenicol.

*Florfenicol* is a synthetic broad-spectrum antibiotic, which is a derivative of thiamphenicol. 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 mycoplasma (*Mycoplasma spp.*). The mechanism of action is related to inhibition of activity of microbial cell peptidyl transferase, particularly – in the area of 70S ribosomes.

After oral administration florfenicol is well absorbed (up to 90%) from digestive tract and distributed in 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. Half-life period of florfenicol makes 2.6-3.2 hours on average. It is eliminated from the body primarily renally unchanged through glomerular filtration, as well as with bile, being inactivated through formation of chelate compounds, which are then eliminated with feces.

**Administration**

**Swine:** treatment of animals against pleuropneumonia, atrophic rhinitis, Glasser's disease, infectious coryzae, mycoplasmosis and other diseases caused by florfenicol-sensitive microorganisms (*Actinobacillus pleuropneumoniae*, *Pasteurella multocida*, *Bordetella bronchiseptica*, *Haemophilus parasuis*, *Pasteurella multocida*, *Bordetella bronchiseptica*).

**Poultry (broiler chickens, breeding hens, pullets):** colisepticemia, pasteurellosis, mycoplasmosis as well as diseases of respiratory organs and digestive tract caused by florfenicol-sensitive microorganisms.

**Dosage**

Administer orally with drinking water in the following doses:

**swine:** 3.75-5 ml of the drug per 100 kg body weight (1.5-2 ml of florfenicol per 1 kg body weight) daily. Duration of treatment – 7 days;

**poultry (broiler chickens, breeding hens, pullets)** 50 ml of the drug per 100 kg body weight (20 mg of florfenicol per 1 kg body weight) daily. Duration of treatment: 3-5 days.

**Contraindications**

Do not administer to animals sensitive to florfenicol. Do not administer to hens laying eggs for human consumption. Do not use in combination with thiamphenicol and chloramphenicol.

**Precautions**

Animal slaughter for meat is possible in 2 days following the last administration. Meat obtained before the mentioned term shall be utilized or fed to non-productive animals depending on the statement of veterinary physician.

Changes in color of feces, diarrhea, redness or swelling of rectal perianal section, which disappear after withdrawal, are possible.

**Packaging**

Cardboard boxes with 10 vials of 10 ml each, plastic vials of 1 l.

**Storage**

Store in a dry, dark, damp-proof place out of the reach of children at 5-30°C.

**Shelf life**

2 years.

24 hours after dissolution in water.