**Flosan**

**powder for oral administration**

**Description**
White powder, insoluble in water.

**Composition**
1 kg of preparation contains the active substance:
florfenicol - 40 g.
Excipients: semolina.

**Pharmacological action**
ATCvet classification code QJ01BA90 – antimicrobial veterinary medicines for systemic use. Amphenicols. Florfenicol.


After taking orally florfenicol is well absorbed (up to 90%) from the gastrointestinal tract and is distributed within organs and tissues of the body, reaching concentrations from 4 up to 8 mkg/g in the lung, heart, pancreas, skeletal muscle, spleen. The relatively high concentration occurs in bile, kidney, small intestine, the urine. Urinary metabolites consist of florfenicol amine, florfenicol oxamic acid and monochloro florfenicol. Florfenicol and its metabolites are also excreted within the faeces. Florfenicolamine is the most long-lived metabolite in the liver. Biotransformation in florfenicolamine is about 64%. The half-life of florfenicol in average is 2.6-3.2 hours. The withdrawal of florfenicol is carried out mainly in the urine in unchanged form - up to 50%.

**Usage**
Pigs: treatment of animals suffering from pleuropneumonia (*Actinobacillus pleuropneumoniae*), atrophic rhinitis (*Pasteurella multocida, Bordetella bronchiseptica*), Glasser's disease polyserositis (*Haemophilus parasuis*), and also with respiratory caused by microorganisms sensitive to florfenicol.

Fish (carp, salmon family): the treatment of the fish suffering from aeromonosis (furunculosis rubella, hemorrhagic septicemia), enterosepsis, pasteurellosis, vibrio, pseudomonosis, streptococcosis caused by microorganisms (*Photobacterium damsel*, *Edwardsiella spp.* etc.), sensitive to florfenicol.

**Dosage**
Orally with food at a dose:
Pigs - 1,25 g of preparation per 10 kg of body weight per day (5 mg of florfenicol) 1 kg of body weight per day. The duration of treatment is 7 days;
Fish (carp, salmon family) - 10 mg of florfenicol per 1 kg of fish per day (25 g of preparation per 100 kg of fish). The duration of treatment is 10 days. For small fish and fry young fish the daily dose is divided into two feedings. The recommended rate of finished medicinal feed - 0.5 - 3% of the total weight of the fish.

In case of treatment of pigs suffering from hemophilia polyserositis the drug is used individually.

During the preparation of a therapeutic feed the preparation is applied onto the surface of the feed or is added into the feed till extrusion. In the case of self-preparation of medicinal feed the mix is prepared immediately before use. In this case for the mix preparation the required amount of feed and preparation is taken and then mixed thoroughly. A fish oil or vegetable oil is used as a binding component in amount of 2% by mass of the finished feed (2 l per 100 kg of feed). For the best mixing at first the preparation is mixed with a small amount of feed, and then with a total amount of feed. The feed is mixed thoroughly to obtain a homogeneous mass. The mechanical mixer can be used for preparation.

**Contraindications**
Do not apply to animals with hypersensitivity to florfenicol, as well as to pregnant and lactating animals and breeding boars.

Do not apply to fish at temperature of water below 5 ° C.
Not used simultaneously with the penicillin group antibiotics, fluoroquinolones and cephalosporins and also to chloramphenicol and thiamphenicol.

**Caution**
The drug should be thoroughly mixed with the feed. It is recommended firstly to mix it with 3-10% of the total amount of feed, and then to mix the received mix with remained feed.

Slaughtering of animals for meat is allowed in 1 day, and the use of fish for human consumption is allowed in 16 days (the fish - at a water temperature from 5° C up to 10° C) and 8 days (fish - at a water temperature above 10° C) after last preparation administration. The meat that was received before awarded term, must be utilized or fed to animals, depending on the conclusion of the doctor of veterinary medicine.

**Dosage form**
Package is made from materials of film or foil of 100, 500 и 1000 g.

**Storage**
Dark place inaccessible to children, at a temperature from 5° C up to 25° C.
Shelf life is 2 years.
Therapeutic feed made by extrusion - 3 months in a dark place. Therapeutic feed made by mixing fish oil or vegetable oil - 1 day.