

KETOQUIN® 1%, 10%

INSTRUCTIONS

according to the use of the drug Ketoquin® 1%, 10% for the treatment of inflammatory diseases of the musculoskeletal system and as an analgesic and antipyretic in dogs, cats, sports horses, pigs and cattle

Approved by The Deputy Head of the Rosselkhoznadzor N.A. Vlasov.

(Developer organization: Areal Medical LLC, 129323, Russia, Moscow, Kolskaya str., 1).

I. General information

Trade name of the drug: Ketoquin® 1%, 10% (Ketoquin 1%, 10%).

International nonproprietary name: ketoprofen.

Dosage form: solution for injection.

Ketoquin® 1%, 10% contains in 1 ml ketoprofen – 10 mg and 100 mg, respectively, as the active substance, and as auxiliary substances: benzyl alcohol, L-arginine, sodium hydroxide and water for injection. In appearance, Ketoquin® 1% is a transparent liquid from colorless to slightly yellowish in color, Ketoquin® 10% – from light yellow to yellow.

The shelf life of the drug, subject to storage conditions in the manufacturer's closed packaging, is 2 years from the date of production, after the first opening of the bottle – 7 days.

The drug should not be used after the expiration date.

The drug is produced packaged in 10, 20, 50, 100 and 250 ml in dark glass bottles of the appropriate capacity, placed in cardboard packs together with the instructions for use.

The drug is stored in a closed manufacturer's packaging in a place protected from direct sunlight, separate from food and feed, at a temperature from 5 °C to 25 °C.

Ketoquin® 1%, 10% should be stored out of the reach of children.

Unused drug is disposed of in accordance with the requirements of the legislation.

The drug is dispensed without a prescription from a veterinarian.

II. Pharmacological properties

Ketoquin® 1%, 10% belongs to the group of nonsteroidal anti-inflammatory drugs.

Ketoprofen, the active ingredient of Ketoquine, is a derivative of propionic acid, has anti-inflammatory, analgesic and antipyretic effects, is effective for the treatment

of acute, subacute and chronic inflammation accompanied by a symptom of pain, shortens the rehabilitation period. The mechanism of action of ketoprofen is based on the suppression of prostaglandin synthesis as a result of exposure to the cyclooxygenase and lipoxygenase link of arachidonic acid metabolism, stabilizes lysosomal membranes, causes inhibition of neutrophil activity in animals with arthritis, suppresses platelet aggregation. Ketoprofen is rapidly absorbed from the injection site, enters the blood and most organs and tissues, reaching a maximum concentration in blood plasma in 30-40 minutes. Ketoprofen is metabolized in the liver by glucuronidation; it is excreted mainly by the kidneys – up to 80% within 12 hours, mainly in the form of a glucuronic derivative. With renal insufficiency, excretion slows down. Ketoquin® 1%, 10% by the degree of exposure to the body refers to moderately dangerous substances (hazard class 3 according to GOST 12.1.007-76), in recommended doses does not have a locally irritating, sensitizing and embryotoxic effect.

III. Application procedure

Ketoquin® 1% is prescribed to dogs and cats, Ketoquin® 10% – to cattle, pigs and sports horses as an anti-inflammatory, analgesic and antipyretic agent in the treatment of acute and chronic diseases of the musculoskeletal system (arthrosis, arthritis, dislocations, tendovaginitis, trauma), with pain syndrome (traumatic and postoperative pain, colic) and hyperthermia of various etiologies.

Contraindications to the use of Ketoquine 1%, 10% are individual hypersensitivity of the animal to the components of the drug, gastric ulcer and duodenal ulcer, hemorrhagic syndrome, severe renal and hepatic insufficiency.

Ketoquin® 10% is used parenterally in animals once a day according to the table.

Type of animal	The dose of the drug and the method of application
Sports horses	in the treatment of the musculoskeletal system – 1 ml per 45 kg of animal weight (equivalent to 2.2 mg of ketoprofen per 1 kg of animal weight) intravenously for 3-5 days; in the symptomatic treatment of colic – 1 ml per 45 kg of animal weight intravenously once.
Cattle	3 ml per 100 kg of animal weight (equivalent to 3 mg of ketoprofen per 1 kg of animal weight) intravenously or intramuscularly for 1-3 days
Pigs	3 ml per 100 kg of animal weight (equivalent to 3 mg of ketoprofen per 1 kg of animal weight) intramuscularly for 1-3 days

Ketoquin® 1% is administered subcutaneously, intramuscularly, intravenously to dogs, only subcutaneously to cats at a dose of 0.2 ml per 1 kg of animal weight (equivalent to 2 mg of ketoprofen per 1 kg of animal weight) for 1-3 days. The duration of the course of treatment depends on the condition of the animal and is determined by the attending veterinarian.

With an overdose of the drug, an animal may experience vomiting, (very rarely – bloody vomiting), black feces, respiratory depression, convulsions.

The peculiarities of the action at the first intake of the drug and at its cancellation were not revealed.

No special studies have been conducted on the use of the drug in pregnant females and newborn animals. If necessary, the use of the drug may be prescribed by a veterinarian if the expected benefit exceeds the potential risk. It is possible to use the drug to animals during lactation. If one or more doses of Ketoquine 1%, 10% are missed, the course of treatment should be resumed in the prescribed dosages and the scheme of application. A double dose should not be administered to compensate for the missed dose.

In some animals, after using the drug, irritation of the gastric mucosa and vomiting may occur. These symptoms disappear spontaneously, and usually does not require additional use of medications. In case of allergic reactions, the use of the drug is discontinued and antihistamines and symptomatic agents are prescribed.

Ketoquin® 1%, 10% should not be used simultaneously with other nonsteroidal anti-inflammatory drugs, glucocorticoids, anticoagulants and diuretics and mixed in one syringe with other drugs.

Slaughter of cattle for meat is allowed no earlier than 5 days, pigs – 4 days after the last application of Ketoquine 10%. The meat of animals that were forcibly killed before the expiration of these terms can be used to feed fur-bearing animals. Milk of dairy animals during and after the application of Ketoquine 10% is allowed to be used without restrictions.

IV. Personal prevention measures

When working with Ketoquine 1%, 10%, the general rules of personal hygiene and safety provided for when working with veterinary medicines should be observed.

Smoking, drinking and eating are prohibited during work. At the end of the work, hands should be washed with warm water and soap. Empty packaging from under the drug is prohibited to be used for household purposes, it is subject to disposal with household waste.

In case of accidental contact of the drug with the skin or mucous membranes of the eyes, they must be rinsed with plenty of water. In case of allergic reactions or accidental ingestion of the drug into the human body, it is necessary to immediately contact a medical institution (have the instructions for use or label with you).

Registration certificate number in Russia 77-3-18.19-4582 NeVDR-3-10.14/03076 dated 19.11.2019



Name and address of the production site of the manufacturer of the drug product for veterinary use:

AVZ-S-P, Russia, 141305, Moscow region, Sergiev Posad, Tsentralnaya str., 1.

Name, address of the organization authorized by the holder or owner of the registration certificate of the drug to accept claims from the consumer: AVZ-S-P, Russia, 141305, Moscow region, Sergiev Posad, Tsentralnaya str., 1.

Phone number of the round-the-clock Hotline: 8-800-700-19-93 (toll-free call from Russia).

Information about the drug is available on the website www.avzvet.ru