

MEGASTOP Ultra for cats
(Topical use solution, Spot-On)
package insert

Description

Transparent solution from light-yellow to yellow colour without mechanical impurities.

Composition

1 ml of the drug contains active ingredients:

Imidacloprid – 100 mg;

Moxidectin – 10 mg.

Excipients: propylene carbonate, dimethyl sulfoxide, citric acid, polyethylene glycol 400.

MEGASTOP ULTRA drug pipettes for cats contains corresponding with the body weight:

Pipette size	Volume (mL)	Imidacloprid, mg	Ivermectin, mg
cats up to 4 kg and ferrets	0.4	40	4
cats 4 to 8 kg	0.8	80	8

Pharmacological properties

ATC vet QP54AB52, moxidectin, combinations (QP54AB02 - moxidectin, QP53AX17 - imidacloprid)

MEGASTOP ULTRA for cats is an endectoparasiticide of topical use. Pharmacological properties of the drug are due the properties of the active ingredients.

Pharmacodynamics

Imidacloprid, is an active ingredient of the drug related to chloronicotinyl compounds. It blocking postsynaptic cholinergic receptors which are sensitive to nicotine and located in central nervous system of the ectoparasites. Termination of the nervous impulse transmission results to paralysis and ectoparasite death.

Moxidectin belongs to the second generation of macrocyclic lactones the milbemycin group. It is a parasiticide which works against wide range of endo- and ectoparasites. Interacts with Gamma-Aminobutyric Acid (GABA) and parasites glutamate-gated chloride channels. It results to opening of chloride channels in postsynaptic space. The increasing of chloride ions number results to irreversible decreasing of muscular activity, paralysis and parasite death. Moxidectin is an active against *Dirofilaria immitis* larvae, as well as of gastrointestinal nematodes.

Pharmacokinetics

Imidacloprid possesses the low level of penetration through the blood-brain barrier, therefore practically is out of impact on mammals CNS.

Moxidectin is absorbed through the skin and spreads consistently reaching a maximum concentration in plasma in 1-2 days. Moxidectin is eliminated from the body slowly within 1 month.

Indications

Prevention and treatment of cats with infestations by fleas (*Ctenocephalides felis*), sarcoptic mites (*Otodectes cynotis*, *Notoedres cati*), trombidiforms (*Demodex* spp.), intestinal roundworms (*Toxocara cati*, *Ancylostoma tubaeforme*) and lungworms (*Eucoleus aerophilus* / syn. *Capillaria aerophila*); prevention of the heartworm disease (kills microfilariae L3 and L4 stage larvae *Dirofilaria immitis*).

The drug can be used as a remedy in flea-allergic dermatitis treatment.

Prevention and treatment of ferrets infested by fleas (*Ctenocephalides* spp.), prevention of heartworm disease (kills microfilariae L3 and L4 stage larvae *Dirofilaria immitis*)

Dosage and Administration

MEGASTOP Ultra pipettes for cats are used corresponding with the different body weight:

<i>Animal body weight, kg</i>	<i>Volume, ml</i>	<i>Imidacloprid (mg/kg of animal body weight)</i>	<i>Moxidectin (mg/kg of animal body weight)</i>
Cats up to 4 kg and ferrets	0.4	Minimal dosage 10	Minimal dosage 1
Cats 4 to 8 kg	0,8	10-20	1-2
Cats over 8 kg	Corresponding quantity of pipettes		

Prevention and treatment of cats and ferrets with infestation by fleas

One-time processing with the drug prevents cats against infestation by fleas within 4 weeks and ferrets for 3 weeks. Fleas' larvae could appear in an environment, thus it required to process animals place of stay and care accessories additional with the purpose to terminate the life cycle of fleas.

The drug is recommended to use monthly in treatment of flea-allergic dermatitis.

Ear mites treatment in cats

One-time processing with the drug. According to the veterinarian advice, it is possible a re-processing in 30 days. Do not apply in auricle directly.

Notoedric mange (Feline Scabies) treatment in cats

One-time processing with the drug. The course of treatment is repeated as required under the control of skin scrapings microscopy.

Demodex mites treatment in cats

The drug is used 2-4 times in apart 30 days. In severe cases the drug is used apart 7 days. The course of treatment is repeated as required under the control of skin scrapings microscopy. The treatment is recommended to be carried in complex with the use of etiotropic, pathogenetic and symptomatic agents.

Prevention and treatment of intestinal roundworms and lungworms in cats

The drug is used one-time for therapeutical purpose, as required (based on laboratory studies) the processing repeated after 14 days. The drug is used once a month with preventive purpose.

Heartworm disease prevention in cats and ferrets

The drug is used in a month before expected activity of biting insects, during the whole period of activity and a month after the end of their activity, or within the whole year. The processing of the animals is recommended to carry out monthly on the same date.

Mode of use

The drug is used by topical administration only. Part the hair near the skull base of the animal until the skin is visible. Place the tip of the pipette on the skin, squeeze tightly the pipette repeatedly, applying the entire contents directly on the intact skin.

Contraindications

Do not use in kittens up to 9-weeks of age!

Do not use in animals with hypersensitivity to drug active ingredients!

Do not use in ferrets the drug MEGASTOP Ultra for cats 4 to 8 kg with release form 0.8 ml and MEGASTOP Ultra for dogs!

Treatment of sick and debilitated animals, as well as cats up to 1 kg and ferrets up to 0,8 kg should be based on veterinary risk and necessity assessment.

Use of the drug during the pregnancy and lactation is based on veterinary risk and necessity assessment.

Warnings

Use the drug on intact skin only.

Do not let the drug get in dog's mouth or eyes. Keep the treated animal separated from other animals.

In use with the drug must comply the general hygiene and safety rules adopted for working with veterinary drugs.

Use of the drug during the pregnancy and lactation is based on veterinary risk and necessity assessment.

Shampoo frequent use after the animal processing reduces the drug effectiveness.

In side effects signs rinse with water and shampoo, use alternative veterinary antiparasitic drug on advice of the veterinarian.

Do not use both with the other antiparasitic macrocyclic lactones.

Release form

Polymeric pipettes of:

0,4 ml – cats up to 4 kg and ferrets;

0,8 ml – cats 4 to 8 kg.

1 or 4 single dose polymeric pipettes in a cardboard packaging.

Storage

Keep the drug in closed manufacturer packaging in dry place, out of the reach of children and animals, separate from food and feed at temperature from 0o to 30oC.

Shelf-life.

3 years

Veterinary use only!

Registration Certificate Holder

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