

**MEGASTOP for Dogs**  
**(Topical use solution, Spot-On)**  
package insert

**Description**

Transparent oily liquid with specific odour of the active ingredients.

**Composition**

1 ml of the drug contains active ingredients:

Imidacloprid - 100 mg;

Ivermectin - 25 mg.

Excipients: N-methylpyrrolidone, dimethyl sulfoxide, citric acid, polyethylene glycol 400.

MEGASTOP drug pipettes for dogs contains corresponding with the body weight:

Pipette size	Volume (mL)	Imidacloprid, mg	Ivermectin, mg
Small dogs up to 4 kg	0.5	50	12.5
Middle dogs 4 to 10 kg	1.0	100	25
Large dogs 10 to 20 kg	2.0	200	50
Extra large dogs 20 to 30 kg	3.0	300	75

**Pharmacological properties**

*ATC vet QP53, parasiticides, insecticides and repellents (QP53AX30, the combinations of the other ectoparasiticides of topical use)*

MEGASTOP for Dogs is an endectoparasiticide. Pharmacological properties of the drug are due the properties of the active ingredients.

**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.

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

**Ivermectin** relates to compounds which are produced by microorganisms of *Streptomyces avermitilis* group. Ivermectin has an expressed antiparasitic effect on larval and mature nematodes forms. Ivermectin mode of action on parasites organism is in stimulation of Gamma-Aminobutyric Acid (GABA) inhibition neurotransmitter release in presynaptic neurons, which binds to specific receptors of nervous endings, increasing the membranes permeability for chloride ions and blocking transmission of neuromuscular impulses. This leads to disruption of nervous impulses transmission, paralysis and parasites death.

**Dosage and Administration**

Prevention and treatment of animals with infestations by fleas (*Ctenocephalides* spp.), sarcoptiformes (*Otodectes cynotis*, *Notoedres cati*, *Sarcoptes canis*), trombidiformes *Demodex* spp.; prevention of heartworms diseases (effective against L3 and L4 stage larvae *Dirofilaria immitis*).

**Дозування**

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

Dog body weight, kg	MEGASTOP for Dogs	Volume,	Quantity of pipettes
Up to 4	small dogs	0,5	1
4 to 10	middle dogs	1,0	1
10 to 20	large dogs	2,0	1
20 to 30	extra large dogs	3,0	1
30 and over		Corresponding quantity of pipettes	

The drug is used by topical administration only. The dog should be standing for application. Part the hair on the back of the dog between the shoulder blades until the skin is visible and use the drug on intact skin. Place the tip of the pipette on the skin, squeeze tightly the pipette repeatedly, applying the entire contents directly on the skin.

For dogs weighing more than 20 kg place the tip of the pipette on the skin and apply the entire contents directly on the exposed skin at 3 or 4 spots on the top of the backline from the base of the neck to the upper back in an area inaccessible to licking.

In otodectosis, scabies and demodicosis the processing is carried out 2-3 times apart 10 days.

Do not bath the animal with 48 hours after the processing. The duration of the drug is 1,5 – 2 months.

**Contraindications**

Do not use in puppies up to 10-weeks of age!

Do not use in animals with hypersensitivity to active ingredients.

Not recommended to use the drug in dog breeds like collie, sheltie, bobtail taking in account their breeds hypersensitivity to macrocyclic lactones.

Treatment of the sick and debilitated animals, as well as underweight animals (up to 1 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.

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 other antiparasitic macrocyclic lactones.

**Release form**

Polymeric pipettes of:

0,5 ml – for small dogs up to 4 kg;

1,0 ml – for middle dogs 4 to 10 kg;

2,0 ml – for large dogs 10 to 20 kg;

3,0 ml – for extra large dogs 20 to 30 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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