

Ectocidol 600

Concentrate for preparation of external-use emulsion

For control of ectoparasites and for disinsection of buildings and animal housing

Diazinon

For veterinary use only

Composition

1 ml contains:

- Diazinon – 600 mg

Description

Transparent liquid, yellowish to light brown in color, with a characteristic specific odor.

Pharmacological properties

The active substance diazinon belongs to the organophosphorus compounds group.

Ectocidol 600 is an insecto-acaricidal agent with intestinal-contact action.

Active against lice, fleas, hair-eating and feather-eating parasites, skin mites, flies, sarcoptiform and ixodid ticks, poultry mites, bedbugs, cockroaches, mosquitoes, spiders and other ectoparasites.

The mechanism of action is based on inhibition of cholinesterase activity and stimulation of cholinergic processes, leading to paralysis and death of parasites.

According to toxicity classification, it belongs to moderately hazardous substances (Class III).

At recommended doses, it does not exhibit local irritant, dermal resorptive, or sensitizing effects.

Toxic to fish and bees.

Indications

Used for treatment of:

- Psoroptosis in cattle, sheep and goats

- Sarcoptosis in pigs
 - External entomoses in animals
 - Destruction of ticks, flies and other ectoparasites
 - Disinsection and acaricidal treatment of animal and poultry housing
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Adverse reactions

No side effects observed when used according to instructions.

At high environmental temperatures and sun exposure, intoxication may occur due to rapid dermal absorption.

Contraindications

Do not use in sick, weakened or hypersensitive animals.

Target species

Cattle; small ruminants (sheep, goats); pigs; animal and poultry housing.

Dosage and Administration

Ectocidol 600 is used as an aqueous emulsion.

The working solution must be prepared immediately before use.

Dilution (spraying and dipping)

Cattle:

10 ml per 24 L water

Pigs:

10 ml per 24 L water

Small ruminants (sheep, goats):

Initial bath: 10 ml per 24 L

Bath replenishment: 10 ml per 8 L

Cattle bath:

Initial bath: 10 ml per 24 L

Bath replenishment: 10 ml per 8 L

Housing treatment

For floors and walls:

5 L working solution per 100 m²

20 ml per 1 L water (against fleas, ticks, cockroaches, ants)

10 ml per 10 L water (against insects, mange mites)

Individual spraying

Cattle and small ruminants:

1 ml per 1–2.4 L water

Pigs:

1 ml per 2.4 L water

Specific treatment schemes**Sheep and goats (psoroptosis):**

Single preventive dipping (exposure 50–60 seconds).

Sheep dipped 15 days after shearing.

Repeat after 10–15 days if necessary.

Cattle (psoroptosis, entomoses):

Spray aqueous emulsion.

Repeat after 10–14 days if required.

Pigs (sarcoptosis):

Spray aqueous emulsion.

Preventive – once.

Therapeutic – twice at 10–14 day interval.

Treatment should be performed in cool or cloudy weather ($\leq 28^{\circ}\text{C}$).

Preventive bathing – once in spring and autumn.

Used solution must be disposed into settling tank.

Special Instructions

Pregnancy and lactation

Do not use during pregnancy (last trimester) and lactation.

Overdose

Symptoms typical for organophosphates (salivation, tremors, agitation).

Wash animal thoroughly with water.

If ingested – induce vomiting and administer atropine (1% solution, 5 ml per 100 kg body weight).

Interactions

Do not mix with other medicinal products.

Withdrawal period

Meat – 15 days after last treatment.

Milk – 3 days (milk may be used for animal feed).

Precautions

Use protective clothing (coat, apron, gloves, goggles, respirator).

No smoking, eating, or drinking during handling.

Wash hands and face after work.

Flammable.

Do not heat above 50°C.

Do not reuse empty containers.

Storage

Store in dry place protected from light at $\leq 25^{\circ}\text{C}$.

Shelf life: 3 years.

Disposal

Unused or expired product neutralized with 5% alkali solution or slaked/chlorinated lime suspension (1:3) and disposed away from water sources.

Presentation

5 L and 1 L polyethylene bottles

100 ml polyethylene bottle

4 ml glass ampoule

Pharmacological group

Ectoparasiticides for external use, including insecticides

ATC vet code: QP53AF03 – Diazinon

For veterinary use only.

Keep out of reach of children.

Manufacturer

LLC “Biotecs”, Tbilisi, 8 Yumashvili Street.