

One Color
Black

Size: 15 X 13.6 cm

OVIDECTIN

Antiparasitic
Solution for Injection

For vet use only

COMPOSITION:

Each 100 ml contains:
Moxidectin 1 gm

PROPERTIES:

Moxidectin is a parasiticide active against a wide range of internal and external parasites and is a second generation macrocyclic lactone of the milbemycin family. Its principal mode of action is interference with neuromuscular transmission of the GABA (gamma amino butyric acid)-gated or glutamate-gated chloride channels. Moxidectin stimulates the release of GABA and increases its binding to the postsynaptic receptors. The net effect is to open the chloride channels on the postsynaptic junction to allow the inflow of chloride ions and induce an irreversible resting state. These results in flaccid paralysis and eventual death of parasites exposed to the drug

Target species:

sheep.

Indications:

Treatment of infections caused by moxidectin sensitive strains of:

Gastro-intestinal nematodes:

- *Haemonchus contortus*
- *Ostertagia (Teladorsagia) circumcincta* (including inhibited larvae)
- *Trichostrongylus axei* (adults)
- *Trichostrongylus colubriformis* (adults and L3)
- *Nematodirus spathiger* (adults)
- *Cooperia curticei* (adults)
- *Cooperia punctata* (adults)
- *Gaigeria pachyscelis* (L3)
- *Oesophagostomum columbianum* (L3)
- *Chabertia ovina* (adults)

Respiratory tract nematode: *Dictyocaulus filaria* (adults)

Larvae of Diptera: *Oestrus ovis* : L1, L2, L3

Trials have shown that Moxidectin may be effective against strains of *Haemonchus contortus* resistant to benzimidazoles, ivermectin and doramectin.

Dosage & Route of administration:

Route: S/C injection in the neck.

For whole product: 0.1 ml of product / 5 Kg.b.wt.

- For routine prevention of sheep scab, all sheep in the flock must be injected once.
- The curative treatment of scab requires two injections 10 days apart.
- The two injections must be given on different sides of the neck.
- The first dose should be given at around 4-6 weeks of age to lambs to control worms, with a second dose 6 weeks later, if necessary.

Warnings & Precautions:

Care should be taken to avoid the following practices because they increase the risk of development of resistance and could ultimately result in ineffective therapy:

- Too frequent and repeated use of anthelmintics from the same class, over an extended period of time.
- Under dosing this may be due to underestimation of bodyweight, misadministration of the product, or lack of calibration of the dosing device (if any).
- Suspected clinical cases of resistance to anthelmintics should be further investigated using appropriate tests (e.g. Faecal Egg Count Reduction Test). Where the results of the test(s) strongly suggest resistance to a particular anthelmintic, an anthelmintic belonging to another pharmacological class and having a different mode of action should be used.
- Resistance to macrocyclic lactones has been reported in *Teladorsagia* in sheep in a number of countries. In 2008, throughout Europe, moxidectin resistance is very rare; it has been reported in a single case involving a levamisole, benzimidazole and ivermectin-resistant strain of *Teladorsagia circumcincta*. Therefore the use of moxidectin should be based on local (regional, farm) epidemiological information about susceptibility of nematodes, local history of treatments and recommendations on how to use the product under sustainable conditions to limit further selection for resistance to anthelmintics. These precautions are especially important when moxidectin is being used to control resistant strains.

• A single injection will protect against scab for at least 28 days, but contact with infected sheep after this time may result in infestation. All bought-in or returning animals should be treated and isolated for at least 12 days.

Contra-indications:

- Not to be used in animals vaccinated against footrot.
- Not for use in sheep producing milk for human consumption or Industrial purposes, including the dry period.
- Dangerous to fish and aquatic life. Do not contaminate ponds, waterways and ditches with the product or used containers.
- Don't use products containing benzyl alcohol for newly born pets/ domestic animals.

Side effects:

The symptoms of overdose are consistent with mode of action of moxidectin and generally do not occur at less than 10 times the recommended dose. They are manifested as transient salivation, depression, drowsiness and ataxia 8 and 12 hours post-treatment. No treatment is generally necessary. The symptoms resolve in 24 to 48 hours. There is no specific antidote.

Withdrawal time:

Meat and offal: 70 days.

Storage:

Store in at temperature not exceeding 30 °C. Used after opening for 28 days when stored at temperature not exceeding 30 °C.

Package:

Carton box containing an amber type II glass vial of 50 ml solution, closed with bromobutyl rubber stopper, and crimped with flip-off aluminum cap. With an outer label

Manufactured By Eva pharma for pharmaceuticals and medical appliances (Eva Pharma).



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