

# PRODUCT INFORMATION SHEET



Net: 6.42g  
DIN 02279002  
Powermectin

ACTIVE INGREDIENT: Ivermectin 1.87% w/w  
Inactive Ingredients: Propylene Glycol, Hydrogenated Castor Oil, Titanium Dioxide, Methyl Cellulose

DOSAGE AND ADMINISTRATION: For oral use only. One one syringe per 600kg of body weight.  
Veterinary Use Only

For the treatment of parasitic infections due to internal parasites, including bots, in horses.

**WARNINGS:** This drug must not be administered to horses that are to be slaughtered for use in food. Refrain from smoking and eating when handling. Wash hands after use. Avoid contact with eyes. Keep out of the reach of children.

**INTRODUCTION:** Powermectin Oral Paste for horses contains ivermectin, a unique broad-spectrum antiparasitic. Its convenience, broad-spectrum efficacy and wide safety margin make it an excellent antiparasitic product for horses.

## **PRODUCT DESCRIPTION:**

Powermectin Oral Paste is a clean, white, homogeneous, ready-to-use paste contained in a disposable plastic syringe.

**DOSAGE:** This syringe contains sufficient paste to treat one 600 kg horse at the recommended dose rate of 200 µg ivermectin/kg body weight. Each weight marking on the syringe plunger delivers enough paste to treat 100 kg body weight.

## **PRODUCT ADVANTAGES:**

**Broad-spectrum:** Powermectin Oral Paste kills most important internal parasites, including bots and the arterial stages of *S. vulgaris*, with a single dose.

## **Unique chemical compound:**

Powermectin Oral Paste contains a potent antiparasitic agent that is neither a benzimidazole nor an organophosphate.

**INDICATIONS:** Powermectin Oral Paste is indicated for the treatment of the following parasitic infections in horses:

**Large strongyles:** adult and arterial stages of *Strongylus vulgaris*, and adult stage of *S. edentatus*, *S. equinus* and *Triodontophorus* spp.

**Small strongyles** (including those resistant to certain benzimidazole class compounds): adult and luminal larval (L4) stages of *Cyathostomum* spp., *Cylicocyclus* spp., *Cylicostephanus* spp., *Cylicodontophorus* spp.

**Intestinal threadworms:** adult stage of *Strongyloides westeri*.

**Pinworms:** adults and luminal larval (L4) stages of *Oxyuris equi*.

**Ascarids:** adults and developing larval (L3, L4) stages of *Parascaris equorum*.

**Hairworms:** adult stage of *Trichostrongylus axei*. Large-mouth stomach worms: adult stage of *Habronema muscae*.

**Neck threadworms:** microfilariae of *Onchocerca cervicalis*.

**Bots:** oral and gastric stages of *Gasterophilus intestinalis* and *G. nasalis*.

**Powermectin Oral Paste** is also indicated as an aid in the clinical improvement of dermatoses caused by cutaneous larvae of *Habronema* spp., *Draschia megastoma*, and microfilariae of *Onchocerca cervicalis*. Note to user – Healing of “Summer sores” caused by *Habronema* spp. and *Draschia megastoma* and involving extensive tissue changes may require other appropriate therapy in conjunction with treatment with Powermectin Oral Paste. Reinfection, and measures for its prevention, should also be considered. Consult your veterinarian if the condition does not improve.

**ADMINISTRATION:** Powermectin Oral Paste is administered orally. (1) While holding plunger, turn the knurled ring on the plunger 1/4 turn to the left and slide it so the side nearest the barrel is at the prescribed weight marking. (2) Lock the ring in place by making a 1/4 turn to the right. (3) Make sure that the horse’s mouth contains no feed. (4) Remove the cover from the tip of the syringe. (5) Insert the syringe tip into the horse’s mouth at the space between the teeth. (6) Depress the plunger as far as it will go, depositing paste on the back of the tongue. (7) Immediately raise the horse’s head for a few seconds after dosing.

**CAUTION:**

1. Some horses have experienced reactions with swelling and itching shortly after treatment. In most such cases, the horses have been diagnosed as carrying heavy infections of *Onchocerca microfilariae*, and it is assumed that the reactions were the results of microfilariae dying in large numbers. Although the signs have resolved spontaneously in a few days, symptomatic treatment may be advisable. Consult your veterinarian should these symptoms persist.
2. Reasonable care should be taken in the handling of sick or debilitated animals.
3. Powermectin Oral Paste has been formulated specifically for use in horses only. This product should not be used in other animal species as severe reactions, including fatalities in dogs, may result.

**PRESENTATION:** Powermectin Oral Paste is available in disposable, plastic adjustable dosage syringes containing 6.42 g of paste.

**STORAGE:**

Store below 30°C.

**ENVIRONMENTAL SAFETY:** Studies indicate that when ivermectin comes in contact with the soil, it readily and tightly binds to the soil and becomes inactive. Drug containers and any residual contents should be disposed of safely (e.g., by burying or incinerating) as free ivermectin may adversely affect fish or certain waterborne organisms.

**SUGGESTED PARASITE CONTROL**

**PROGRAM:** All horses should be included in a regular parasite control program. Foals should be treated early in order to promote a healthy growth and routine treatment repeated as appropriate. Powermectin Oral Paste effectively treats infections due to gastrointestinal nematodes and bots in horses. Regular treatment with Powermectin Oral Paste will reduce the chances of verminous arteritis caused by *Strongylus vulgaris*. The program should be designed to accommodate the needs of horses and their specific husbandry conditions. If there is a high risk of re-infection with *P. equorum*, foals should be treated at 6 – 8 week intervals. With its broad spectrum, Powermectin Oral Paste is well suited to be the major product in a parasite control program. Consult your veterinarian for parasitic control programs to meet your specific needs.