



EQUIFEN

ORAL PASTE

COMPOSITION

Fenbendazole	187.5mg
Excipient qs.....	1.0g

PHARMACEUTICAL PROPERTIES

Fenbendazole is

a **benzimidazole** anthelmintic. It acts by interfering with the energy metabolism of nematodes. Its anthelmintic efficacy is based on the inhibition of the polymerization of tubulin into microtubules. Destruction of the microtubular network often leads to disaggregation and cell death. Fenbendazole is metabolized to oxfendazole . These two molecules are known for their anthelmintic activity, and for having a reversible metabolism.

Fenbendazole has ovicidal, larvicidal and adulticidal action, and shows activity against gastrointestinal nematodes, lungworms and tapeworms .

After oral administration, absorbed **fenbendazole** is metabolised in the liver to fenbendazole sulphoxide, sulphone and amines. The half-life of fenbendazole in serum after oral administration of the recommended dose is 10 hours. In general, the elimination of **fenbendazole** and its metabolites takes place mainly via the faeces (>90%) and, to a lesser extent, in the urine and in the milk.

TARGET SPECIES

Horses.

INDICATIONS

horses, treatment of infestations by the following parasites:

- **Gastrointestinal nematodes** (adults and L4 larvae): *Strongylus spp.* ; *Parascaris equorum*; *Oxyurus equi*; *Cyathostomum spp.* ; *Cylicocyclus spp.* ; *Strongyloides westeri*.
- **Lungworms** (adults and L4 larvae): *Dictyocaulus arnfieldi*.

ADMINISTRATION AND DOSAGE

- **In horses:** 7.5 mg of fenbendazole per kg body weight, in single oral administration, i.e. 4 g of paste per 100 kg of live weight.
- **Severe *Strongyloides westeri* infestations in foals:** 50 mg of fenbendazole per kg bodyweight, single oral administration, i.e. one 24 g applicator for a foal weighing 90 kg bodyweight.

The paste is administered orally, in the absence of any food, by introducing the end of the applicator into the interdental space and depositing the required quantity of paste at the base of the tongue. The plunger of the applicator has a graduated rod that allows the dose to be adjusted to the weight of the animal.

CONTRAINDICATIONS AND INTERACTIONS

- Do not use in animals with known hypersensitivity to the active ingredient.
- Do not use if resistance to benzimidazoles is suspected.

SIDE EFFECTS

If the doses are respected, no side effects are observed in the target species.

PRECAUTIONS FOR USE

Precautions for use in animals:

- Body weight should be assessed as accurately as possible before calculating the dose.
- Resistance to all benzimidazoles may develop with frequent and repeated use of an antiparasitic of this family.

Special precautions to be taken by the person administering the medicinal product:

- Avoid direct contact with the skin. Wash hands well after use. Wearing gloves waterproof, is advised when using the drug.
- In case of accidental ingestion, consult a doctor immediately.

USE IN CASE OF PREGNANCY AND LACTATION

- In laboratory animals, fenbendazole, like a number of other benzimidazoles, causes a reduction in the functions of the male reproductive system and has embryotoxic and teratogenic properties.
- Safety in mares during pregnancy and lactation has been studied. The use of the specialty in the mare during pregnancy and lactation does not pose any particular problem.

WITHDRAWAL PERIOD

- **Meat and offal:** 8 days.
- **Milk:** Do not use in dairy females whose milk or its derivatives are intended for consumption human.

STORAGE CONDITIONS

- **Unopened container:** Keep the product in the original packaging, protected from light and at a temperature \dot{y} 25°C.
- **After opening the bottle:** Immediate use after opening.

PHARMACEUTICAL FORM AND PRESENTATION

Oral paste.

Case of a 24g syringe. Box of 10 syringes of 24g each.