

## Presentation

A pink suspension for oral administration to puppies and young dogs. Each ml of suspension contains 14.4 mg pyrantel embonate and 15 mg febantel. Sodium benzoate (2.05 mg/ml) and sodium propionate (2.05 mg/ml) are present as preservatives.

## Uses

For the treatment and control of roundworms (ascarids), in particular *Toxocara canis*, of puppies and young dogs up to one year of age. The product will also be effective against:

|          |                            |
|----------|----------------------------|
| Hookworm | <i>Ancylostoma caninum</i> |
| Whipworm | <i>Trichuris vulpis</i>    |

## Dosage and administration

The dose is 1 ml suspension/kg bodyweight (equivalent to 14.4 mg/kg pyrantel embonate and 15 mg/kg febantel).

Through intrauterine and transmammary infection, ascarid infection may occur in dogs at a very early age. It is recommended that treatment with Drontal Puppy Suspension should start at 2 weeks of age and be repeated at two weekly intervals until 12 weeks of age.

Administration is by the oral route. The product may be given directly to the animal or mixed with the feed. No special dietary measures are necessary.

Mix the product by inversion of the container before withdrawing the required dose.

### *Use During Pregnancy and Lactation*

This product is contra-indicated for pregnant and lactating bitches.

## Contra-indications, warnings, etc

Do not use simultaneously with compounds containing piperazine.

Wash hands after use.

## Pharmaceutical precautions

Once opened, the contents of the bottle should be used within 10 weeks.

Do not use after expiry date.

## Legal category

NFA-VPS (previously PML)

## Packaging Quantities

Bottles of 50 ml and 100 ml.

## Further information

This combination of active ingredients is also effective in the treatment and control of *Toxascaris leonina* and *Uncinaria stenocephala*.

Within the mammalian system febantel undergoes ring closure forming fenbendazole and oxfendazole. It is these chemical entities which exert the anthelmintic effect by inhibition of tubulin polymetisation. Formation of microtubules is thereby prevented, resulting in disruption of structures vital to the normal functioning of the helminth. Glucose uptake in particular is affected, leading to a depletion in cell ATP. The parasite dies upon exhaustion of its energy reserves, which occurs 2-3 days later.

Pyrantel acts as a cholinergic agonist. Its mode of action is to stimulate nicotinic cholinergic receptors of the parasite, induce spastic paralysis of the nematodes and thereby allow removal from the gastro intestinal system by peristalsis.

Doses of up to 5 times the therapeutic level of Drontal Puppy Suspension have been administered to puppies and young dogs without clinical signs of intolerance arising.

At 10 times the recommended dose the first sign of intolerance – vomiting – was evident.

**Marketing authorisation number**

Vm 00010/4102.