

# PROSEL

Spray

For Veterinary Use Only

## Composition:

Each 100ml contains:

Fipronil .....0.25% w/v

## Indications:

PROSEL Spray is indicated for the treatment and prevention of infestation by fleas and ticks in dogs and cats. The product rapidly controls infestations with *Trichodectes canis* biting lice of dogs and *Felicola subrostratus* biting lice of cats.

## Dosage and Administration:

Method of administration: Spray the entire body of the animal, and apply from a distance of approximately 10 - 20 cm. Apply against the lay of the hair and make sure that the entire coat of the animal is dampened. Ruffle the coat, especially in long haired animals, so that the product penetrates down to the skin. For treatment of the head region, and when treating young or nervous pets, application may be carried out by spraying onto a gloved hand and rubbing the product into the coat. Allow to dry naturally.

**Dosage:** In order to dampen the coat down to the skin, depending on the length of hair, apply 3 to 6 ml per kg bodyweight, (7.5 to 15 mg of active ingredient per kg bodyweight) i.e. 6 to 12 pump applications per kg bodyweight of the 100 ml presentation. The 100 ml pack contains approximately 8 treatments for a short haired medium sized cat (4 kg).

## PHARMACOLOGICAL PROPERTIES:

Fipronil is an insecticide and acaricide from the phenyl pyrazole family.

It acts by inhibiting the GABA complex, binding to the chloride channel and thereby blocking pre- and post-synaptic transfer of chloride ions across the membrane.

This results in uncontrolled activity of the central nervous system and death in insects and acarids.

The amount of fipronil absorbed by the skin in the dog, after application of the spray to the coat and skin is extremely slight to negligible.

The persistence of fipronil on the hair is very long (on average  $52.5 \pm 11.5$  days).

**Biotransformation** In all species fipronil is mainly metabolized to its sulphone derivative (RM1602), which also possesses insecticidal and acaricidal properties.

**Duration of action**

The product is active for up to 3 months against fleas in dogs, and up to 2 months in cats, depending on the environmental challenge. It is effective against tick

infestations for up to one month in dogs and cats, depending on the level of environmental challenge. Puppies and kittens from 2 days of age may be safely treated. Treatment of bedding, carpets and soft furnishings with a suitable insecticide will aid reduction in environmental challenge and maximize the duration of protection against re-infestation provided by the product. For optimum efficacy, it is not recommended to bath or shampoo animals in the two days prior to or following treatment with the product. Bathing or shampooing up to four times in two months has been shown to have no significant effect on the residual efficacy of the product. Monthly treatment is recommended when more frequent shampooing is carried out.

## Precautions:

Do not spray in the animal's eyes and directly onto areas of broken skin. Do not spray on a naked flame or any incandescent material. After accidental ocular exposure the eye should be rinsed carefully with plain water. If irritation occurs, seek medical advice. Wear PVC or nitrile gloves and a waterproof apron for the protection during treatment of animals. Store between 15-25°C in a cool and dry place. Keep out of the reach of children. Consult the veterinarian before use. Shake well before use.

## Packing:

100ml

## Innovator's Specs.



 **Selmores**  
Pharmaceuticals (Pvt) Ltd.

Manufactured by:  
Selmores Pharmaceuticals (Pvt) Ltd.  
36 Km Multan Road, Lahore, Pakistan.

