

ADVERSE EFFECTS :

On rare occasions, its application may produce a local temporary clumping of the hair at the application site and/or an occasional appearance of a small quantity of a white powder. This is normal and will disappear typically within 24 hours of treatment administration and does not affect either the safety or efficacy of the veterinary medicinal product.

WITHDRAWAL PERIOD:

Not applicable.

TOXICITY:

If animal consumes or licks accidentally, contact your veterinarian immediately for symptomatic treatment.

Only for use by or under the observation of a registered Veterinarian.

STORAGE:

Store below 30°C in a dry place. Protect from heat and sunlight.

CONTAINER DISPOSAL :

Any unused product or waste material should be disposed of in accordance with local requirements. Selamectin may adversely affect fish or certain water-borne organisms on which they feed.

Containers and residual contents should be disposed of along with collected domestic refuse

to avoid contamination of any water courses.

PRESENTATION:

1/3/6 Lami Tubes of 0.75 ml

VETERINARY.

FOR ANIMAL TREATMENT ONLY.

NOT FOR HUMAN USE.

FOR EXTERNAL APPLICATION ONLY.

SHAKE WELL BEFORE USE.

KEEP OUT OF REACH OF CHILDREN & PETS, AWAY FROM FOOD.

Carefully read the accompanying instructions before use.

Veko®

Manufactured & Marketed by:

Veko Care Pvt. Ltd.

Customer care: care@vekocare.com

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Radicat[™] 6%

Spot-on

Selamectin 6 % w/v Liquid

Spot-on solution For Cats

COMPOSITION:

Each ml contains:

Selamectin BP 60 mg

Excipients q.s.

Prevents & controls fleas, ear mites, biting lice infestations, round worm and hook worms as well as Heartworm disease.

Spot-on Solution For Cats

CATEGORY: Anti parasitic agent

INDICATIONS:

- **Treatment and prevention of flea infestations** caused by *Ctenocephalides spp.* for one month following a single administration. This is as a result of the adulticidal, larvicidal and ovicidal properties of the product. The product is ovicidal for 3 weeks after administration. Through a reduction in the flea population, monthly treatment of pregnant and lactating animals will also aid in the prevention of flea infestations in the litter up to seven weeks of age. The product can be used as part of a treatment strategy for flea allergy dermatitis and through its ovicidal and larvicidal action may aid in the control of existing environmental flea infestations in areas to which the animal has access.

- **Treatment of ear mites** (*Otodectes cynotis*).
- **Treatment of biting lice infestations** (*Felicola subrostratus*)
- **Treatment of adult roundworms** (*Toxocara cati*)
- **Treatment of adult intestinal hookworms** (*Ancylostoma tubaeforme*)
- **Prevention of heartworm disease caused by** *Dirofilaria immitis*

DOSAGE AND ADMINISTRATION:

The product should be administered as a single application of a single dose delivering a minimum of 6 mg/kg Selamectin once in a month for Cats over 8 weeks of age. The appropriate length of the treatment period for individual parasites is specified below.

Administer in accordance with the following table:

Cats (kg)	Selamectin (mg)	Potency (mg/ml)	Volume (nominal tube size – ml)
2.6-7.5	45	60	0.75

Flea treatment and prevention :

Following administration of the Radicate Spot-on, the adult fleas on the animal are killed, no viable eggs are produced, and larvae (found only in the environment) are also killed. This stops flea reproduction, breaks the flea lifecycle and may aid in the control of existing environmental flea infestations in areas to which the animal has access.

For the prevention of flea infestations, Radicate Spot-on should be administered at monthly intervals throughout the flea season, starting one month before fleas become active. Through a reduction in the flea population, monthly treatment of pregnant and lactating animals will aid prevention of flea infestations in the litter up to seven weeks of age.

For use as part of a treatment strategy for flea allergy dermatitis Radicate Spot-on should be administered at monthly intervals.

Treatment of ear mites :

A single dose of the Radicate Spot-on should be administered.

Treatment of biting lice :

A single dose of the Radicate Spot-on should be administered.

Treatment of roundworm infections :

A single dose of the Radicate Spot-on should be administered.

Treatment of hookworm infections :

A single dose of the Radicate Spot-on should be administered.

Prevention of heartworm disease :

For the prevention of heartworm disease by controlling the microfilaria, Radicate Spot-on must be applied on a monthly basis. Radicate Spot-on may be applied year-round or at least within one month after the animal's first exposure to mosquitoes and monthly thereafter until the end of the mosquito season. The final dose must be given within one month after the last exposure to mosquitoes. If a dose is missed and a monthly interval between dosing is exceeded, then immediate application of Radicate Spot-on and resumption of monthly dosing will minimize the opportunity for the development of adult heartworms. When replacing another heartworm preventive product in a heartworm disease prevention programme, the first dose of Radicate Spot-on must be given within a month of the last dose of the former medication. Radicate Spot-on may be safely applied to heartworm infected animals, however, it is recommended, in accordance with good veterinary practice, that all animals ≥ 6 months of age be tested for existing heartworm infections before beginning medication with Radicate Spot-on.

Method and Route of administration: Spot-on use.

DIRECTIONS FOR USE:

Apply to the skin at the base of the neck in front of the shoulder blades.

1. Remove the tube from its packaging.
2. Part the hair at the base of the cat's neck in front of the shoulder blades to expose a small area of skin. Apply the tip of the tube directly to the skin without massaging. Squeeze the tube firmly to empty the contents in one spot. Avoid contact between the product and your fingers.

Do not apply when the hair coat is wet. However, shampooing or soaking the animal 2 or more hours after treatment will not reduce the efficacy of the Radicate Spot-on.

PHARMACOLOGICAL PROPERTIES:

Pharmacotherapeutic group : Antiparasitic product, insecticide and repellent, macrocyclic lactones.

ATCvet code: QP54AA05.

PHARMACODYNAMIC PROPERTIES :

Selamectin is a semi-synthetic compound of the avermectin class. Selamectin paralyzes and/or kills a wide range of invertebrate parasites through interference with their chloride channel conductance causing disruption of normal neurotransmission. This inhibits the electrical activity of nerve cells in nematodes and muscle cells in arthropods leading to their paralysis and/or death.

Selamectin has adulticidal, ovicidal and larvicidal activity against fleas. Therefore, it effectively breaks the flea life cycle by killing adults (on the animal), preventing the hatching of eggs (on the animal and in its environment) and by killing larvae (environment only). Debris from selamectin-treated pets kills flea eggs and larvae not previously exposed to selamectin and thus may aid in the control of existing environmental flea infestations in areas to which the animal has access.

Activity has also been demonstrated against heartworm larvae.

PHARMACOKINETICS:

Following topical administration selamectin is absorbed from the skin reaching maximum plasma concentrations approximately 1 and 3 days after administration in cats and dogs respectively. Following absorption from the skin selamectin distributes systemically and is slowly eliminated from plasma as manifested in detectable plasma concentrations in dogs and cats 30 days after administration of a single topical dose at 6 mg/kg. The prolonged persistence and slow elimination of selamectin from plasma is reflected in the terminal elimination half-life values of 8 and 11 days in cats and dogs respectively. The systemic persistence of selamectin in plasma and the lack of extensive metabolism provide effective concentrations of selamectin for the duration of the inter-dosing interval (30 days).

WARNING & PRECAUTIONS :

- Wear gloves during application.
- Avoid contact with eyes and skin. If the product is in contact with eyes, rinse immediately with plenty of water.
- Do not apply when the animal's hair coat is wet. However, shampooing or soaking the animal 2 or more hours after treatment will not reduce the efficacy of the product
- Do not smoke, drink or eat while handling the product
- Keep treated animals away from flame until animal gets dry.
- Wash the hands thoroughly after use.
- Used applicators should be disposed of immediately and not left within the sight or reach of children.
- Radicate Spot-on is to be applied to the skin surface only. Do not administer orally or parenterally.
- Selamectin is toxic for aquatic organisms. Treated cats should not be allowed to enter surface water for 48 hours after treatment, to avoid adverse effects on aquatic organisms.

CONTRAINDICATIONS:

Do not use in animals under 6 weeks of age.

Hypersensitivity to any of the Ingredients.