



The SmartPak™ Pharmacy Dog and Cat Product Information Sheet

Revolution®

Common Drug Name – Selamectin

How Supplied from SmartPak –

Dogs:

5 – 10lbs (purple): 3 and 6 doses

11 – 20lbs (brown): 3 and 6 doses

21 – 40lbs (red): 3 and 6 doses

41 – 85lbs (teal): 3 and 6 doses

86 – 130lbs (plum): 3 and 6 doses

Cats:

5 – 15lbs (blue): 3 and 6 doses

Puppies & Kittens < 5lbs (mauve) 6 doses

Category – Revolution is a topical parasiticide for dogs and cats in the macrocyclic lactone family.

Caution - Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Indications (Uses) – Revolution is recommended for use in dogs 6 weeks of age or older and cats 8 weeks of age and older for the following parasites:

Dogs: Revolution kills adult fleas and prevents flea eggs from hatching for one month and is indicated for the prevention and control of flea infestations

(*Ctenocephalides felis*), prevention of heartworm disease caused by *Dirofilaria immitis*, and the treatment and control of ear mite (*Otodectes cynotis*) infestations.

Revolution also is indicated for the treatment and control of sarcoptic mange (*Sarcoptes scabiei*) and for the control of tick infestations due to *Dermacentor variabilis*.

Cats: Revolution kills adult fleas and prevents flea eggs from hatching for one month and is indicated for the prevention and control of flea infestations

(*Ctenocephalides felis*), prevention of heartworm disease caused by *Dirofilaria*

immitis, and the treatment and control of ear mite (*Otodectes cynotis*) infestations.

Revolution is also indicated for the treatment and control of roundworm (*Toxocara cati*) and intestinal hookworm (*Ancylostoma tubaeforme*) infections in cats.

Dosage and Administration – The recommended minimum dose is 2.7mg Selamectin/lb (6mg/kg) body weight. Administer the entire contents of a single dose tube (or two tubes used in combination for dogs weighing over 85lbs) of Revolution topically in accordance with the weight ranges on the box. For cats over 15lbs, use the appropriate combination of tubes. For dogs over 130lbs use the appropriate combination of tubes.

Firmly press the cap down to puncture seal on the Revolution tube; a clicking sound will confirm that the cap has successfully punctured the seal. Remove the cap and check to ensure that the tip of the tube is open. To administer the product, part the hair on the back of the animal at the base of the neck in front of the shoulder blades until the skin is visible. Place the tip of the tube on the skin and squeeze the tube 3 – 4 times to empty its entire contents directly onto the skin in one spot. Keeping the tube squeezed, drag it away from the liquid and lift to remove. Check the tube to ensure that it is empty. Do not massage the product into the skin. Due to alcohol content, do not apply to broken skin. Avoid contact between the product and fingers. Do not apply when the haircoat is wet. Bathing or shampooing the animal 2 or more hours after treatment will not reduce the effectiveness of Revolution. Stiff hair, clumping of hair, hair discoloration, or a slight powdery residue may be observed at the treatment site in some animals. These effects are temporary and do not affect the

safety or effectiveness of the product. Discard empty tubes in your ordinary household refuse.

Flea Control: For the prevention and control of flea infestations, Revolution should be administered at monthly intervals throughout the flea seasons, starting one month before fleas become active. I

Heartworm Prevention: For the prevention of heartworm disease, Revolution must be administered on a monthly basis.

Revolution may be administered 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 first 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 administration of Revolution 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 program, the first dose of Revolution must be given within a month of the last dose of the former medication. At the discretion of the veterinarian, cats ≥ 6 months of age may be tested to determine the presence of existing heartworm infections before beginning treatment with Revolution. Cats already infected with adult heartworms can safely be given Revolution monthly to prevent further infections.

Ear Mite Treatment: For the treatment of ear mite infestations in dogs and cats, Revolution should be administered once as a single topical dose. A second monthly dose may be required in some dogs. Monthly use of Revolution will stop any subsequent ear mite infestations.

Sarcoptic Mange Treatment in Dogs: For the treatment of sarcoptic mange in dogs, Revolution should be administered once as a single topical dose. A second monthly dose may be required in some dogs. Monthly use of Revolution will control any subsequent sarcoptic mange mite infestations.

Tick Control in Dogs: For the control of tick infestations in dogs, Revolution should

be administered on a monthly basis. In heavy tick infestations, complete efficacy may not be achieved after the first dose. In these cases, one additional dose may be administered two weeks after the previous dose, with monthly dosing continued thereafter.

Nematode Treatment in Cats: For the treatment of intestinal hookworm and roundworm infections, Revolution should be applied once as a single topical dose.

Human Warnings – Not for human use. Keep out of reach of children.

Precautions – Prior to administration of Revolution, dogs should be tested for existing heartworm infections. At the discretion of the veterinarian, infected dogs should be treated to remove adult heartworms. Revolution is not effective against adult *D. immitis* and, while the number of circulating microfilariae may decrease following treatment, Revolution is not effective for microfilariae clearance.

Adverse Reactions (Side Effects) – Following treatment with Revolution, transient localized alopecia with or without inflammation at or near the site of application was observed in approximately 1% of treated cats. Other signs observed rarely ($\leq 0.5\%$ of treated cats and dogs) included vomiting, loose stool or diarrhea with or without blood, anorexia, lethargy, salivation, tachypnea and muscle tremors.

Storage Conditions: Store below 86F.

Distributed by:
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