For cats over 130 lbs use the appropriate combination of applicators. Recommended for use in dogs 6 weeks of age and older and in cats 8 weeks of age and older. For dogs 15.1 - 22 lbs use the appropriate combination of applicators

**INDICATIONS:**

Seland is recommended for use in dogs 6 weeks of age and older and in cats 8 weeks of age and older for the following parasitic and infectious conditions.

- **Dogs:** Seland 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 mites (Diodocites cynotis) infestations. Seland 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:** Seland 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 mites (Diodocites cynotis) infestations. Seland is also indicated for the treatment and control of roundworm (Sarcoptes scabiei) and intestinal hookworm (Ancylostoma tubaeforme) infestations in cats.

**WARRANTIES:**

- **For human use. Keep out of the reach of children.**
- **Inhalation, ingestion, or systemic absorption may be irritating to skin and eyes.**
- **Reactions such as hives, itching and skin edema have been reported in humans in rare instances.**
- **Contact with eyes, mouth, and other mucous membranes may cause dermatitis.**
- **If contact with eyes occurs, flush eyes copiously with water.**
- **If contact with skin occurs, flush skin copiously with water.**

**CONTRAINDICATIONS:**

- **Do not use in sick, debilitated or underweight animals (see SAFETY).**
- **Precautions to administration of Seland, dogs should be tested for existing heartworm infections. At the discretion of the veterinarian, infected dogs should be treated to remove adult heartworms. Seland is not effective against adult heartworms and, while the number of circulating microfilariae may decrease following treatment, Seland is not effective for microfilariae clearance.**

**Hypersensitivity reactions have not been observed in dogs with patent heartworm infections administered three times the recommended dose of selamectin solution. Higher doses were not tested.**

**ADVERSE REACTIONS:**

**Pre-approval clinical trials:**

- Following treatment with selamectin solution, transient localized alopecia with or without inflammation at or near the site of application was observed in approximately 1.6% of 691 treated cats. Other signs observed rarely (<0.5% of 1743 treated dogs and cats) included vomiting, loose stool or diarrhea with or without blood, anorexia, lethargy, salivation, tachypnea, and muscle tremors.

**Post-approval experience:**

- In addition to the aforementioned clinical signs that were reported in pre-approval clinical trials, there have been reports of pruritus, urticaria, erythema, ataxia, fever, and rare reports of death. There have also been rare reports of seizures in dogs (see WARNINGS).

**DOSE:**

- **The recommended minimum dose is 2.7 mg selamectin per pound (6 mg/kg) of body weight.**
- **Administer the entire contents of a single dose applicator (or two applicators for dogs weighing over 130 pounds) of Seland typically in accordance with the following tables.**

<table>
<thead>
<tr>
<th>Cats (lbs)</th>
<th>Package color</th>
<th>mg per applicator</th>
<th>Potency (mg/mL)</th>
<th>Administered volume (mL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 5</td>
<td>Maize</td>
<td>15 mg</td>
<td>60</td>
<td>0.25</td>
</tr>
<tr>
<td>5.1 – 15</td>
<td>Blue</td>
<td>45 mg</td>
<td>60</td>
<td>0.75</td>
</tr>
<tr>
<td>15.1 – 22</td>
<td>Taupe</td>
<td>60 mg</td>
<td>60</td>
<td>1.0</td>
</tr>
</tbody>
</table>

- **For cats over 22 lbs use the appropriate combination of applicators**

<table>
<thead>
<tr>
<th>Dogs (lbs)</th>
<th>Package color</th>
<th>mg per applicator</th>
<th>Potency (mg/mL)</th>
<th>Administered volume (mL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 5</td>
<td>Maize</td>
<td>15 mg</td>
<td>60</td>
<td>0.25</td>
</tr>
<tr>
<td>5.1 – 10</td>
<td>Purple</td>
<td>30 mg</td>
<td>60</td>
<td>0.25</td>
</tr>
<tr>
<td>10.1 – 20</td>
<td>Brown</td>
<td>60 mg</td>
<td>60</td>
<td>1.0</td>
</tr>
<tr>
<td>20.1 – 40</td>
<td>Red</td>
<td>120 mg</td>
<td>60</td>
<td>2.0</td>
</tr>
<tr>
<td>40.1 – 85</td>
<td>Teal</td>
<td>240 mg</td>
<td>60</td>
<td>3.0</td>
</tr>
<tr>
<td>85.1 – 120</td>
<td>Plum</td>
<td>360 mg</td>
<td>60</td>
<td>3.0</td>
</tr>
</tbody>
</table>

**SAFETY:**

- **Selamectin solution has been tested in over 100 different pure and mixed breed dogs and cats for over 15 different pure and mixed breeds of healthy cats, including pregnant and lactating females, breeding males and females, puppies six weeks of age and older, kittens eight weeks of age and older, and avermectin-sensitive collies.**
- **A kitten, estimated to be 5–6 weeks old (0.3 kg), died 8 ½ hours after receiving a single treatment of selamectin solution at the recommended dosage. The kitten displayed clinical signs which included muscle spasms, salivation and neurological signs.**
- **The kitten was a stray with an unknown history and was malnourished and underweight (see WARNINGS).**

**DOGS:**

- **In studies, selamectin solution was administered at 1, 3, 5, 10, and 15 mg/kg to dogs and cats at the recommended dosagesAdministration of the recommended topical dose of selamectin solution in dogs caused salivation and intermittent vomiting. Selamectin solution also was applied at 2.5, 10, and 15 mg/kg in this dose escalating study did not cause any adverse reactions; however, eight hours after receiving 5 mg/kg orally, one avermectin-sensitive colie became ataxic for several hours, but did not show any other adverse reactions.**
- **In controlled laboratory studies, Selamectin solution was applied at 1, 3, 5, and 10 mg/kg to dogs and cats at the recommended dosages.**

**Ear Mite Treatment in Dogs and Cats**

- **For the treatment of ear mite (Otodectes cynotis) infestations in dogs and cats, Selarid should be administered once as a single topically.**
- **A second monthly dosage may be required in some cases.**
- **Maintenance use of Selarid will control any subsequent ear mite infestations. In the clinical field trials ears were not cleaned, and many animals still had debris in their ears after the second dosage. Cleaning of the infested ears is recommended to remove the debris.**

**Sarcoptic Mange Treatment in Dogs**

- **For the treatment of sarcoptic mange (S. scabiei), in dogs, Selarid should be administered once as a single topical dose.**
- **A second monthly dosage may be required in some cases.**
- **Monthly use of Selarid will control any subsequent sarcoptic mange mite infestations.**
- **Because of the difficulty in fitting sarcoptic mange mites on skin scraping, effectiveness assessments also were based on resolution of clinical signs. Resolution of the pruritus associated with the mite infestations was observed in approximately 50% of the dogs 30 days after the first treatment and in approximately 90% of the dogs 30 days after the second monthly treatment.**

**Tick Control in Dogs**

- **For the control of tick (Dermacentor variabilis) infestations in dogs, Selarid should be administered on a monthly basis.**
- **In heavy tick infestations, complete efficacy may not be achieved at the first dosage.**
- **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 and control of intestinal hookworm (A. tubaeforme) and roundworm (T. cati) infestations, Selarid should be applied once as a single topical dose.**

**NEWRY, BT35 6PU, Co. Down, Ireland**

Approved by FDA under ANADA # 200-663

SelaridTM is a registered trademark of Norbrook Laboratories Limited

Norbrook® Laboratories Limited

Norbury, W33 6EP, Co. Down, Northern Ireland

Revised Oct 2019
Client Information About Selarid

Selarid (pronounced “Sel-a-rid”)  
Generic name: selamectin (“sel-a-mec-tin”)  

This summary contains important information about Selarid. You should read this information before you start using Selarid on your dog or cat and review it each time your prescription is refilled. This sheet is provided only as a summary and does not take the place of instructions from your veterinarian. Talk to your veterinarian if you do not understand any of this information or if you want to know more about Selarid.

What is Selarid?  
Selarid is a topical parasiticide that is applied to the skin of dogs six weeks of age and older and cats eight weeks of age and older to kill adult fleas and prevent flea eggs from hatching, prevent heartworm disease and protect your pet against other parasites (see below).

Why has my veterinarian prescribed Selarid?  
Selarid has been prescribed by your veterinarian to treat, prevent and/or control the following parasites in your dog or cat:

Cat Parasites:  
- Control and prevention of flea infestation (Ctenocephalides felis)  
- Prevention of heartworm disease (Dirofilaria immitis)  
- Treatment and control of ear mite infestation ( Otodectes cynotis)  
- Treatment and control of sarcotic mange ( Sarcoptes scabiei)  
- Control of the American Dog Tick (Dermacentor variabilis)

Dog Parasites:  
- Control and prevention of flea infestation (Ctenocephalides felis)  
- Prevention of heartworm disease (Dirofilaria immitis)  
- Treatment and control of ear mite infestation (Otodectes cynotis)  
- Treatment and control of intestinal worms (Roundworm (Toxocara cati)  
Hookworm (Ancylostoma tubaeforme)

What should I do if I do not give Selarid on time or miss a dose?  
Do not massage Selarid into the skin. Do not apply treatment to animals with dry skin. Do not apply to broken skin. Do not apply to already treated skin. Do not apply to open wounds.

What dose of Selarid do I use on my dog or cat?  
Your veterinarian will recommend the appropriate dose for your dog or cat. The dose will vary depending on the weight of your dog or cat.

Can I give my pet a bath after applying Selarid?  
Yes. Bathing can help to control further infestations of fleas and prevent skin problems. Bathing will not remove the product from the skin. It is important to keep the selected area of the skin clean and dry after bathing. If you are unsure whether to bath your pet, talk to your veterinarian.

What is the most effective way to prevent reinfestation?  
Selarid prevents further infestations of fleas and protects against heartworms. It is also effective against ear mites. Selarid may not protect your pet against other types of parasites such as hookworms, roundworms, or tapeworms.

I see ticks on my dog. Is Selarid working?  
Selarid controls tick infestations only due to the American Dog Tick (Dermacentor variabilis), a tick commonly found on dogs. There are other common species of ticks that are not killed or controlled by Selarid. Your veterinarian can recommend appropriate products to control or kill ticks common to your area. For the control of the American Dog Tick, Selarid should be applied once a month; however, your veterinarian may recommend a second administration applied 14 days after the first dose if your dog has a heavy tick infestation and/or recommend additional tick control methods. It may take up to 5 days to kill the majority of ticks on your dog.

What are the possible side effects of Selarid?  
Like all medicines, Selarid has some side effects. The most common is hair loss at the site of application or without inflammation (redness, itching) in cats. Other side effects reported in cats and dogs include vomiting, diarrhea with or without blood, anorexia (decreased appetite), lethargy (sluggishness), salivation, rapid breathing, pruritus (itching), urticaria (welts), hives, erythema (skin redness), ataxia (incoordination), fever and rare instances of death. There have also been rare reports of seizures in dogs. If you have additional questions about possible side effects, talk to your veterinarian.

Can Selarid be given with other medicines?  
In well-controlled clinical studies, selamectin solution was used safely in dogs and cats receiving other veterinary products such as vaccines, anthelmintics, antiparasitics, antibiotics, steroids, collars, shampoos and dips. Tell your veterinarian about all medicines you have given your dog or cat in the past, and any medicines that you are planning to use with Selarid. This should include other medicines that you can get without a prescription. Your veterinarian may want to check that all of your dog’s or cat’s medicines can be given together.

How should Selarid be stored?  
Selarid is flammable — Keep away from heat, sparks, open flames or other sources of ignition. Store below 86°F (30°C). After application, empty applicators can be placed in your normal household refuse for disposal.

What else should I know about Selarid?  
Selarid is not for use in humans. Selarid should be kept out of reach of children. In humans, Selarid may be irritating to skin and eyes. Reactions such as hives, itching and skin redness have been reported in humans in rare instances. Individuals with known hypersensitivity to Selarid should use the product with caution or consult a health care professional. Selarid contains isopropyl alcohol and the preservative butylated hydroxytoluene (BHT). Wash hands after use and wash off any product in contact with the skin immediately with soap and water. In case of human ingestion contact a doctor immediately.

Revised: Oct 2019


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