

Imidacloprid, Permethrin, Pyriproxyfen, Topical (Dogs)

(eye-mi-da-kloe-prid, per-meth-rin, pye-ri-prox-i-fen)

Description:

Agent to Treat & Control Fleas, Ticks, Mosquitoes, Biting Flies, & Lice; Insect Growth Regulator

Other Names for this Medication: K9

Advantix® II

Common Dosage Forms:

Veterinary: Imidacloprid 8.8% with Permethrin 44% and Pyriproxyfen 0.44% for topical application. Available in 4 sizes based on dog's body weight: 4-10 lbs (0.4 mL), 11-20 lbs (1.0 mL), 21-55 lbs (2.5 mL), over 55 lbs (4.0 mL). **Human:** None.

This information sheet does not contain all available information for this medication and has not been reviewed by FDA Center for Veterinary Medicine. This sheet can help answer commonly asked questions but is not a substitute for medical advice. If you have other questions or need more information about this medication, contact your veterinarian or pharmacist.

Key Information

- Controls fleas, ticks, mosquitoes, biting flies, and chewing lice on dogs.
- **Must NOT be used on cats or in households with cats.** Permethrin is toxic to cats.
- When used as directed on the label, this combination product is safe in most dogs.
- Dispose of empty containers and any unused product carefully.

How is this medication useful?

The combination of imidacloprid, permethrin, and pyriproxyfen (*K9 Advantix® II*) is licensed by the US EPA (Environmental Protection Agency) for prevention and treatment of fleas, ticks, mosquitoes, biting flies, and chewing lice for monthly use on dogs and puppies 7 weeks of age and older. You and your veterinarian can discuss why this drug is the most appropriate choice.

What should I tell my veterinarian to see if this medication can be safely given?

Many things might affect how well this drug will work in your animal. Be sure to discuss the following with your veterinarian so together you can make the best treatment decisions.

Other drugs can cause problems when taken with this product, so be sure to tell your veterinarian and pharmacist what medications (including vitamins, supplements, or herbal therapies) you give your animal, including the amount and time you give each.

- Tell your veterinarian about any conditions or diseases your animal may have now or has had in the past.
- If your animal has been treated for the same or similar condition in the past, tell your veterinarian about the treatment and how well it did or didn't work.
- If your animal is pregnant or nursing, talk to your veterinarian about the risks of using this drug.
- Tell your veterinarian and pharmacist about any medication side effects (including allergic reactions, lack of appetite, diarrhea, itching, hair loss) your animal has developed in the past.

How long until I will know if this medication is working, and how long will the effects of this medication last?

Fleas will begin to die within 12 hours; ticks can take up to 24 hours or longer to die and fall off your animal. Your animal's clinical signs should begin to improve after that time. The effects of this medication are long-lived, meaning they may last for multiple (ie, 4 to 6) weeks, although they may be prolonged if your animal has decreased kidney and/or liver function.

When should this medication not be used or be used very carefully?

No drug is 100% safe in all patients, but your veterinarian will discuss with you any specific concerns about using this drug in your animal.

This drug **SHOULD NOT** be used on:

- Dogs that are allergic to imidacloprid, pyriproxyfen, or permethrin.
- Cats. Permethrin is toxic to cats.
- Dogs less than 7 weeks old or less than 4 lbs.

This drug should be used **WITH CAUTION** in dogs that are:

- Old, weak, frail.
- Pregnant or nursing.

If your animal has any of these conditions, talk to your veterinarian about the potential risks versus benefits.

What are the side effects of this medication?

When used as directed on the label, side effects are not likely.

Side effects that usually are not serious include:

- Redness, itching, and discomfort at application site.

You don't have to be overly concerned if you see any of these signs unless they are severe, worsen, or continue to be a problem. Contact your veterinarian if this happens.

Side effects that may be serious or indicate a serious problem:

- Excessive salivation, vomiting, diarrhea.

After applying, if you see anything unusual with your dog contact your veterinarian or the manufacturer (Bayer HealthCare) at 1-800255-6826. If it is a medical emergency, call 1-800-422-9874.

If my animal gets too much of this medication (an overdose), what should I do?

If you witness or suspect an overdose either by topical application or ingestion, contact your veterinarian or an animal poison control center for further advice. Animal poison control centers that are open 24 hours a day include: **ASPCA Animal Poison Control Center** (888-426-4435) and **Pet Poison HELPLINE** (855-764-7661); a consultation fee is charged for these services. Be sure to have the product packaging or label to refer to when calling your veterinarian or the poison control center.

How should this medication be given?

For this medication to work, apply it exactly as your veterinarian has prescribed. It's a good idea to always check the prescription label to be sure you are giving the drug correctly.

Monthly treatments are required for control and prevention of fleas and ticks.

- Do not get this product in your dog's eyes or mouth.
- Do not apply to irritated skin.
- Using the appropriately sized tube for your dog's weight: Remove applicator tube from the package. Use scissors and peel down foil. Hold applicator tube in an upright position. Pull the cap off the tube. Turn the cap around and place other end of cap back on tube. Twist the cap to break the seal, then remove the cap from the tube.
- The dog should be standing for easy application. The entire contents of the tube should be applied evenly to 2 to 6 spots (depending on the size of the dog) on the top of the back from the shoulder to the base of the tail. At each spot, part the hair until the skin is visible. Place the tip of the tube on the skin and gently squeeze to expel a portion of the liquid on the skin. Do not apply an

excessive amount of liquid at any one spot that could cause some of the liquid to run off the side of the dog. See the illustrations that come with product for more information.

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- If re-treatment is necessary, do not apply more than once every week.

What should I do if I miss giving a dose of this medication?

If you miss applying a dose, apply it when you remember and then wait the amount of time between doses recommended by your veterinarian before giving another dose. Do not double-up or give extra doses unless instructed to do so by your veterinarian.

How should I store this medication?

- Store unused product in a cool, dry place. Protect from freezing.
- Keep away from children and other animals.

Can handling this medication be hazardous to me, my family, or other animals?

The product label states: Causes eye irritation. Harmful if swallowed. Do not get in eyes or on clothing. Avoid contact with skin. Wash hands thoroughly with soap and warm water after handling.

- People with known hypersensitivity to benzyl alcohol, moxidectin, or imidacloprid should administer the product with caution.
- **IF IN EYES:** Hold eyelids open and flush with copious amounts of water for 15 minutes. If eye irritation develops or persists, contact a physician.
- **IF SWALLOWED:** Call poison control center or physician immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or physician.
- **IF ON SKIN:** Take off contaminated clothing and wash affected skin immediately with plenty of soap and water. Call a poison control center or physician for treatment advice. In case of allergic reaction, contact a physician.
- **Do not allow children or other animals to come into contact with treated animals until the application area is completely dry.**
Disposable gloves are not required (not mentioned on label), but they may be considered when applying this medication.
- **Must NOT be used on cats or in households with cats.** Permethrin is toxic to cats.
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How should I dispose of this medication if I don't use it all?

- Dispose of this product carefully as it can be toxic to fish, turtles, and other wildlife.
- Do not flush this medication down the toilet or wash it down the sink. Do not reuse empty container. Recommend you put it into a sealed baggie then place in trash or offer for recycling if available.
- If partly filled: Call your local solid waste agency or 1-800-422-9874 for disposal instructions. Never place unused product down any indoor or outdoor drain.
- Do not save leftover medication for future use or give it to others to use.

What other information is important for this medication?

This product is waterproof and remains effective following a shampoo treatment, swimming, or after exposure to rain or sunlight.

- Use of this drug may not be allowed in certain animal competitions. Please check the rules for your pet's sport before entering it in a competition while you are giving it this medication.

If you have any other questions about this medication, contact your veterinarian or pharmacist.