

Prescription Label

Patient Name:

Species:

Drug Name & Strength:

Directions (amount to give how often & for how long):

Prescribing Veterinarian's Name & Contact Information:

Refills:

[Content to be provided by prescribing veterinarian]

Dinotefuran/Permethrin/Pyriproxyfen, Topical (Dogs only)

(*die-noh-te-fyoor-an, per-meth-rin, pye-ri-proks-i-fen*)

Description:

Agent to repel and kill fleas, ticks, mosquitoes, biting and sand flies, and biting and chewing lice

Other Names for this Medication:

Vectra 3D[®]

Common Dosage Forms:

Veterinary: Dinotefuran 4.95% with permethrin 36.08% and pyriproxyfen 0.44% for topical application. Available in 5 sizes based on dog's body weight. **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

- Labeled for monthly use in dogs over 8 weeks of age and weighing more than 5 lbs to repel and kill fleas, ticks, mosquitoes, biting and sand flies, and biting and chewing lice.
- 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 for most dogs.
- Dispose of empty containers and any unused product in the regular trash. Do not pour unused product down drains.

How is this medication useful?

The combination of dinotefuran, permethrin, and pyriproxyfen is licensed by the U.S. EPA (Environmental Protection Agency) for use on dogs and puppies over 8 weeks of age and weighing more than 5 lbs to repel and kill fleas, ticks, mosquitoes, biting and sand flies, and biting and chewing lice. You and your veterinarian can discuss why this medicine is the most appropriate choice.

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

Many factors 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 6 hours. Approximately 90% of ticks die and fall off your animal within 8 hours. 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:

- **Cats. Permethrin is toxic to cats; exposure of cats to this product can be fatal.**
- Dogs that are allergic to dinotefuran, permethrin, or pyriproxyfen
- Dogs less than 8 weeks old or less than 5 lbs

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

- Old, weak, sick
- Pregnant or nursing
- Receiving certain medications, such as other flea and tick preventives

If your animal matches 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. Bathe your pet with mild soap or shampoo and rinse with large amounts of water if this occurs.

Contact your veterinarian if any of these signs are severe, worsen, or continue to be a problem.

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

- Excessive salivation, vomiting, or diarrhea
- Unusual behavior

Contact your veterinarian immediately if you see any of these side effects.

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. 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. Always check the prescription label and package information if available.

- For external use on dogs **only**.
- Wearing disposable gloves is not required, but is recommended when applying this medication.
- Do not get this product in your dog's eyes or mouth.
- Do not apply to irritated skin.
- Remove the appropriately sized applicator tube from the package. Holding the tube upright, pointing away from the face, place thumb and index finger around the applicator tip under the large disk. With other hand, grasp the stem of applicator above smaller disk. Press down firmly on small disk until both disks meet, piercing the seal.
- Use the tip of the applicator to part the hair down to the skin between the shoulder blades and apply the product in the number of spots indicated on the label until the tube is empty.
- Avoid applying to the animal's hair; the medication should be applied directly on the skin.
- Apply in 1 spot for dogs 2.5-20 lbs, 3 spots for dogs 21-55 lbs, and 4 spots for dogs over 95 lbs.
- Do not allow other pets (especially cats) to groom the area of application for several days following application.

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.
- When storing, be careful to not allow product to contaminate water or food.
- Keep away from other animals and children.

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

- Do not get in eyes. This product can cause substantial but temporary eye injury.
 - **IF IN EYES:** Hold eyelids open and flush with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, and then continue rinsing. Call a poison control center or doctor for treatment advice.
- Do not swallow. This product is harmful if swallowed.
 - **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. Do not give anything by mouth to an unconscious person.
- Do not touch medication directly. This product is harmful if absorbed through the skin. Wash hands thoroughly with soap and warm water after handling medication packaging.
 - **IF ON SKIN:** Remove contaminated clothing and wash affected skin immediately with plenty of water for 15-20 minutes. If skin appears irritated after rinsing, call a poison control center or physician for treatment advice. Wash contaminated clothing before reuse.

- **Do not allow children or other animals to come into contact with treated animals until the application area is completely dry. Product must NOT be applied to cats; keep cats away from treated dogs for 24 hours.**

How should I dispose of this medication if I don't use it all?

- If container is unused or partly filled: Call your local solid waste agency or 1-800-422-9874 for disposal instructions. Do not save leftover medication for future use or give it to others to use.
- Do not place this medication down a drain.
- Do not reuse empty container. Place empty applicator tubes in the regular trash or offer for recycling if available.

What other information is important for this medication?

- Once dry, this product is waterproof and remains effective following a shampoo treatment, swimming, or after exposure to rain or sunlight.
- After applying, do not reapply for 30 days unless your veterinarian specifically instructs you to do so.
- Use of this drug may not be allowed in certain animal competitions. Please check the rules for your animal'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.

Special Instructions
