



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Registration Division (7505P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

11556-134

Date of Issuance:

3/28/22

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional, Time-Limited  
 Expires: 04/18/2024

Name of Pesticide Product:

K9 ADVANTIX EXTRA LARGE  
 DOG

Name and Address of Registrant (include ZIP Code):

J. Todd Frank  
 Regulatory Affairs Consultant  
 Elance Animal Health  
 12707 Shawnee Mission Pkwy  
 Shawnee, KS 66216

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Elizabeth Fertich, Product Manager 04  
 Invertebrate & Vertebrate Branch 1, Registration Division(7505P)  
 Office of Pesticide Programs

Date:

3/28/22

2. The Agency has found your company to be in compliance with the terms and conditions for the subject product and is extending the two-year registration restriction. This registration is time-limited and expires 04/18/2024.
3. Please note that the product is still subject to all other previously required conditions of registration. Your company is required to adhere to the spot-on label mitigation information as stated in the amendment letter dated August 13, 2013 and to submit annual reports of enhanced incident and sales using EPA's standardized templates as stated in the letter dated 03/31/2021.
4. Submit one copy of the final printed label for the record before you release the product for shipment.

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Permethrin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Please note that the record for this product currently contains the following CSFs:

- Basic CSF dated 01/11/2016
- Alternate CSF 1 dated 01/12/2016

If you have any questions, please contact Jennifer Gaines by phone at (202) 566-2685, or via email at [gaines.jennifer@epa.gov](mailto:gaines.jennifer@epa.gov).

Enclosure: Stamped Label

NOTE TO REVIEWER: [Brackets] used for optional text. {Braces} used for instructional text. (Parentheses) indicate non-optional text

{Front Panel}

### K9 Advantix<sup>®</sup> Extra Large Dog

**Alternate Brand Name:** DefenseCare Flea & Tick Protection Extra Large Dog

Note: {The “Extra Large Dog” text size will be 75% of the height of the largest letter in the primary brand name and a large clear picture of a dog in the weight range for the product will be on the front panel}

Topical prevention and treatment of fleas, ticks, mosquitoes, biting flies, and lice for monthly use only on dogs and puppies 7 weeks of age and older and weighing over 55 lbs.

[Selected optional claims bulleted here from optional claims section]

- 

<b>ACTIVE INGREDIENTS:</b>	% By Weight
Imidacloprid .....	8.8%
Permethrin* .....	44.0%
<b>OTHER INGREDIENTS:</b> .....	47.2%
Total .....	100.0%

\* cis/trans ratio: Max 55% (±) cis and min 45% (±) trans

EPA Reg. No. 11556-134

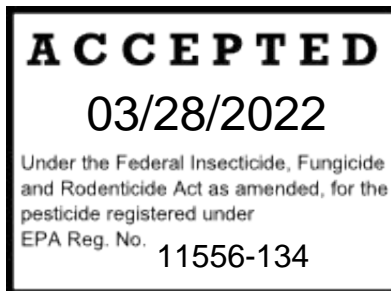
EPA Est. 11556-XXX-X

**KEEP OUT OF REACH OF CHILDREN**

### WARNING

See back panel for Precautionary Statements.  
For Directions for Use, Storage and Disposal, and First Aid see insert.

K9Advantix XLD n highlighted



Reason To Issue: Submitted for reregistration.

Date: 01/24/2022  
Supersedes: 12/13/2017  
Page 2 of 13

---



DO NOT USE ON CATS-MAY BE FATAL  
{Icon Size 1.5 cm X 1.5 cm, Cat prohibition icon shall be placed in a box located at the lower right hand corner of the front panel in yellow with black images}

{Back Panel}

## K9 Advantix<sup>®</sup> Extra Large Dog

Note: {The “Small Dog” text size will be 75% of the height of the largest letter in the primary brand name}

Topical prevention and treatment of fleas, ticks, mosquitoes, biting flies, and lice for monthly use only on dogs and puppies 7 weeks of age and older and weighing over 55 lbs.

**READ THE ENTIRE LABEL BEFORE EACH USE**

**DO NOT USE ON CATS**

[Selected optional claims bulleted here from optional claims section]

- 

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS**

**WARNING.** Causes substantial but temporary eye injury. Do not get in eyes or on skin or clothing. Harmful if swallowed. Harmful if absorbed through the skin. Avoid contact with skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**HAZARDS TO DOMESTIC ANIMALS**

Reason To Issue: Submitted for reregistration.

Date: 01/24/2022  
Supersedes: 12/13/2017  
Page 3 of 13

---

**For external use on dogs only. Do not use on animals other than dogs.** Do not use on puppies under seven weeks of age. Do not get this product in dog's eyes or mouth. As with any product, consult your veterinarian before using this product on debilitated, aged, pregnant or nursing animals. Individual sensitivities may occur after using ANY pesticide product for pets. This product is not a substitute for prescribed heartworm preventative. If signs persist, or become more severe, consult a veterinarian immediately. If your animal is on medication, consult your veterinarian before using this or any other product.

Note: {A box labeled "Side Effects" will be immediately above the cat fatality box on the back panel.}

**Side Effects:** Monitor your dog after application. Side effects may include signs of skin irritation such as redness, scratching, or other signs of discomfort. Gastrointestinal signs such as vomiting or diarrhea have also been reported. If these or other side effects (such as lethargy or agitation) occur, consult your veterinarian or call 1-800-422-9874.

Note: {A "Fatality" box will be located immediately below the Side Effects box in the lower right hand corner of the back panel. The box will include a 1.5 cm X 1.5 cm cat prohibition icon and warning text in yellow and black images and text.}

**DO NOT USE ON CATS – MAY BE FATAL.** Keep cats away from treated dogs for 24 hours. If applied to a cat or ingested by a cat, contact your veterinarian immediately .



For consumer questions call 1-800-255-6826. For medical emergencies call 1-800-422-9874.

## ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not add directly to water. Do not contaminate water when disposing of product or packaging.

Net Contents: [1,2,3,4,5,6] Tube[s] each 0.135 fl. oz. (4.0 mL)

{The sample package is only the one tube package size and will optionally include the text:  
[Sample – Not for [Re]Sale]}

EPA Est. 11556-XXX-X-X

EPA Reg. No. 11556-134

Reason To Issue: Submitted for reregistration.

Date: 01/24/2022  
Supersedes: 12/13/2017  
Page 4 of 13

Manufactured For:

Elanco US Inc.  
2500 Innovation Way  
Greenfield, IN 46140

Made in Germany

{Insert}

### K9 Advantix<sup>®</sup> Extra Large Dog

Topical prevention and treatment of fleas, ticks, mosquitoes, biting flies, and lice for monthly use only on dogs and puppies 7 weeks of age and older and weighing over 55 lbs.

**READ THE ENTIRE LABEL BEFORE EACH USE**

**DO NOT USE ON CATS**

[Selected optional claims bulleted here from optional claims section]

- 

<b>ACTIVE INGREDIENTS:</b>	<b>% By Weight</b>
Imidacloprid .....	8.8%
Permethrin* .....	44.0%
<b>OTHER INGREDIENTS:</b> .....	47.2%
Total .....	100.0%

\* cis/trans ratio: Max 55% (±) cis and min 45% (±) trans

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS**

**WARNING.** Causes substantial but temporary eye injury. Do not get in eyes or on skin or clothing. Harmful if swallowed. Harmful if absorbed through the skin. Avoid contact with

skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

### HAZARDS TO DOMESTIC ANIMALS

**For external use on dogs only. Do not use on animals other than dogs.** Do not use on puppies under seven weeks of age or weighing less than 4 lbs. Do not get this product in dog’s eyes or mouth. As with any product, consult your veterinarian before using this product on debilitated, aged, pregnant or nursing animals. Individual sensitivities may occur after using ANY pesticide product for pets. This product is not a substitute for prescribed heartworm preventative. If signs persist, or become more severe, consult a veterinarian immediately. If your animal is on medication, consult your veterinarian before using this or any other product.

**Side Effects:** Monitor your dog after application. Side effects may include signs of skin irritation such as redness, scratching, or other signs of discomfort. Gastrointestinal signs such as vomiting or diarrhea have also been reported. If these or other side effects (such as lethargy or agitation) occur, consult your veterinarian or call 1-800-422-9874.

Note: {A “Fatality” box will be located immediately below the Side Effects box. The box will include a 1.5 cm X 1.5 cm cat prohibition icon and warning text in yellow and black images and text.}

**DO NOT USE ON CATS – MAY BE FATAL.** Keep cats away from treated dogs for 24 hours. If applied to a cat or ingested by a cat, contact your veterinarian immediately .



For consumer questions call 1-800-255-6826. For medical emergencies call 1-800-422-9874.

### ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not add directly to water. Do not contaminate water when disposing of product or packaging.

FIRST AID	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-</li> </ul>

	<p>20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</p> <ul style="list-style-type: none"> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-422-9874 for emergency medical treatment information. For consumer questions call 1-800-255-6826.	
<b>NOTE TO PHYSICIAN</b>	
Treat the patient symptomatically.	

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Application of product must only be done indoors.

Do not contaminate feed or food.

### Restrictions:

Do not allow children to apply product.

Do not apply an excessive amount of solution at any one spot that could cause some of the solution to run off the side of the dog.

Do not get this product in your dog's eyes or allow your dog to ingest this product.

Do not bathe or allow your dog to swim for 24 hours.

Do not apply more than one tube per treatment for one dog regardless of the dog's weight.

Use only on dogs. DO NOT USE ON CATS or on other animals.

Do not use on dogs weighing less than 55 lbs. and younger than 7 weeks.



Do not touch treated area until dry.

Do not reapply this product for 30 days. In case of severe pest infestations, you are able to retreat your dog earlier than (4) four weeks. If infestation is severe at the initiation of treatment, once a week treatment is permitted not to exceed 4 weeks. After pest control has been successful, please return to a monthly retreatment schedule.



## HOW TO OPEN

### [OPTION 1: INSTRUCTIONS FOR BLISTER PACK]

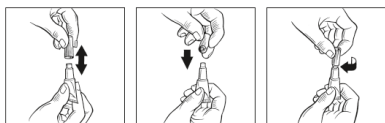
1. Being careful not to cut close to the blister cavities, take scissors and cut off one section of the card containing a single tube.
2. Take the separated section, and cut into the blister cavity across the small side, close to the cap of the tube.
3. Peel off the foil, and take out the tube.
4. Repeat steps 1 to 3 for each tube.

### [OPTION 2: INSTRUCTIONS FOR POUCH PACK]

1. Be sure tube is at bottom of pouch.
2. Using scissors, cut the pouch across the top and remove tube.

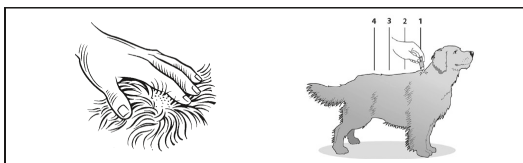
## HOW TO APPLY

1. Remove tube from the package.
2. Hold tube in an upright position. Pull cap off tube.



3. Turn the cap around and place other end of cap back on tube.
4. Twist cap to break seal, then remove cap from tube.
5. The dog should be dry and standing for easy application. The entire contents of the K9 Advantix<sup>®</sup> tube should be applied evenly to three or four spots 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 solution on

the skin. Do not apply an excessive amount of solution at any one spot that could cause some of the solution to run off the side of the dog. Do not get this product in your dog's eyes, or allow your dog to ingest this product.



6. Discard empty tube as described in Storage and Disposal.

## PRODUCT INFORMATION

Kills fleas which may cause flea allergy dermatitis (FAD).

K9 Advantix<sup>®</sup> kills existing fleas on dogs within 12 hours. Reinfesting fleas are killed within 2 hours with protection against further flea infestation lasting four (4) weeks. Pre-existing pupae in the environment may continue to emerge for six (6) weeks or longer depending upon the climatic conditions.

K9 Advantix<sup>®</sup> is waterproof after 24 hours and remains effective following a shampoo treatment, swimming or after exposure to rain or sunlight.

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

For dogs over 55 lbs., do not apply more than 1 tube per treatment.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in a cool, dry place. Protect from freezing. **Pesticide Disposal and Container Handling:** Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling, if available. **If partly filled:** Do not pour or dispose down-the-drain. Call your local solid waste agency or 1-800-422-9874 for disposal instructions. Never place unused product down any indoor or outdoor drain.

### LIMITED WARRANTY AND LIMITATION OF DAMAGES

Reason To Issue: Submitted for reregistration.

Date: 01/24/2022

Supersedes: 12/13/2017

Page 9 of 13

---

Elanco US Inc. warrants that this material conforms to the chemical description on the label. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ELANCO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY, and no agent of Elanco is authorized to do so except in writing with a specific reference to this warranty. To the extent consistent with applicable law any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values, etc.

Manufactured For:

Elanco US Inc.  
2500 Innovation Way  
Greenfield, IN 46140

Made in Germany

EPA Reg. No. 11556-134

EPA Est. 11556-XXX-X

Reason To Issue: Submitted for reregistration.

Date: 01/24/2022

Supersedes: 12/13/2017

Page 10 of 13

---

{Label on Individual Tube – Label is color coded to age and weight grouping}

**K9 Advantix<sup>®</sup> Extra large Dog**

8.8% imidacloprid

44.0% permethrin

0.135 fl. oz. (4.0 mL)

EPA Reg. No. 11556-134

Keep out of reach of children

**WARNING**

**DO NOT USE ON CATS**

Read The Entire Label Before Use

ELANCO

Lot No. 0000000

Reason To Issue: Submitted for reregistration.

Date: 01/24/2022

Supersedes: 12/13/2017

Page 11 of 13

---

{OPTION 1: Label on blister card; one card containing 1, 2, 3, 4, 5, or 6 tubes}  
{OPTION 2: Label on pouch containing one tube}

{Additional label text for OPTION 2: [THIS UNIT NOT FOR RETAIL SALE]}

## K9 Advantix<sup>®</sup> Extra Large Dog

For external use only on dogs and puppies 7 weeks and older and weighing over 55 lbs.

8.8% imidacloprid

44.0% permethrin

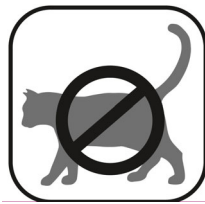
See insert for complete product information.

[1,2,3,4,5,6] - 0.135 fl. oz. (4.0 mL) Tube[s]

EPA Reg. No. 11556-134

ELANCO

Lot No. 0000000



Do Not Use on Cats-May be Fatal

{Selected optional claims}

1. For use only on dogs and puppies 7 weeks of age and older and weighing over 55 lbs.
2. A single topical application remains effective for [a month] [four [4] weeks]
3. Convenient, easy to apply topical solution
4. Once a month topical flea treatment only for dogs 7 weeks of age or older and weighing over 55 lbs.
5. K9 Advantix is indicated for the prevention and treatment of fleas, ticks, biting flies, mosquitoes, and lice only on dogs 7 weeks of age and older and weighing over 55 lbs.
6. Repels and kills ticks including Deer ticks [vector of Lyme disease], American dog ticks [vector of Rocky Mountain spotted fever], Brown dog ticks [vector of ehrlichiosis], and Lone Star ticks [vector of ehrlichiosis] for up to four [4] weeks
7. [Kills fleas on dogs within 12 hours and continues to prevent infestations for [a month][four [4] weeks]
8. Kills and repels fleas before they lay eggs
9. For the treatment and prevention of flea infestations
10. One treatment prevents further flea infestations for [a month] [four] [4] [weeks]
11. Controls existing flea infestations by killing adult fleas
12. Prevents reinfestations by killing adult fleas before they lay eggs
13. Treatment with K9 Advantix kills fleas which may cause Flea Allergy Dermatitis [FAD]
14. Repels and kills mosquitoes for up to four [4] weeks
15. Repels and kills mosquitoes often before they have a chance to take a blood meal
16. Prevents blood-feeding by [Kills and repels] [mosquitoes]
17. Remains effective after bathing and swimming [for a month] [for up to four weeks]
18. Repels biting flies
19. Repels and inhibits blood-feeding by biting flies
20. Repels and prevents blood-feeding by biting flies
21. Repels [annoying] [bothersome] [nuisance] biting flies
22. Inhibits [annoying] [bothersome] [nuisance] biting flies
23. [Prevents] [inhibits] blood-feeding by biting flies
24. Kills [biting] [chewing] lice
25. For treatment and prevention of [biting] [chewing] lice [infestations]
26. Controls existing [biting] [chewing] lice [infestations]
27. 5-way protection (against fleas, ticks, biting flies, mosquitoes, and lice)
28. Treats, prevents and controls [biting] [chewing] lice [infestations]
29. Provides effective control of [biting] [chewing] lice [infestations]
30. Kills [biting] [chewing] lice and prevents further infestations
31. For treatment and prevention of infestations with [biting] [chewing] lice
32. Remains effective after exposure to rain or sunlight
33. Waterproof after 24 hours

Reason To Issue: Submitted for reregistration.

Date: 01/24/2022  
Supersedes: 12/13/2017  
Page 13 of 13

---

- 34. Fragrance free
- 35. From the makers of ExpertCare