



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

**EPA Reg. Number:**

67505-4

**Date of Issuance:**

3/17/16

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration

(under FIFRA, as amended)

**Term of Issuance:**

Conditional, Time-Limited  
 Expires: 03/17/2018

**Name of Pesticide Product:**

ECTO DOG & HORSE FLEA &  
 TICK INSECTICIDE

**Name and Address of Registrant (include ZIP Code):**

Richard F. Rose  
 Regulatory and Quality Assurance Unit Monitor  
 Ecto Development Corporation  
 850 NW Pink Hill Road  
 Blue Springs, MO 64015

**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:**

Jennifer Saunders, Ph.D., Product Manager 04  
 Invertebrate & Vertebrate Branch 1  
 Registration Division (7505P), Office of Pesticide Programs

**Date:**

3/17/16

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 03/17/2018.
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, and to submit quarterly enhanced incident reports and quarterly sales information as stated in the amendment letter dated 03/26/2014.
4. You are required to comply with the data requirements described in the DCI and EDSP Orders identified below:
  - a. Permethrin GDCI-109701-1252
  - b. Permethrin GDCI-109701-1281
  - c. Permethrin GDCI-109701-1113
  - d. Permethrin EDSP-109701

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI or EDSP Orders listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division:

[http://www.epa.gov/oppsrrd1/contacts\\_prd.htm](http://www.epa.gov/oppsrrd1/contacts_prd.htm)

5. Submit one copy of the final printed label for the record before you release the product for shipment.

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:

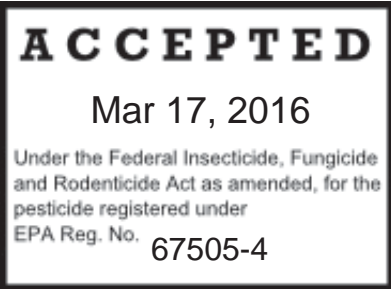
- Basic CSF dated 03/26/2014
- Alternate CSF 1 dated 03/26/2014
- Alternate CSF 2 dated 03/26/2014

- Alternate CSF 3 dated 03/26/2014

If you have any questions, you may contact Elizabeth Fertich at 703-347-8560 or via email at [fertich.elizabeth@epa.gov](mailto:fertich.elizabeth@epa.gov).

[For Horse Applications Only]

FRONT PANEL



**ECTO DOG & HORSE FLEA & TICK INSECTICIDE**  
PLEASANT CITRUS SCENT

[Picture of Picture of Horse]

PROTECTS HORSES FROM FLIES, GNATS, MOSQUITOES AND TICKS

- KILLS & REPELS FLEAS UP TO 3 TO 4 WEEKS!
- KILLS AND REPELS MOSQUITOES!
- PROTECTS AGAINST BLOOD FEEDING BY MOSQUITOES (vector of HEARTWORM) UP TO 4 WEEKS!
- KILLS & REPELS TICKS FOR UP TO 4 WEEKS!
- KILLS & REPELS DEER TICKS (vector of LYME DISEASE) FOR UP TO 4 WEEKS!
- KILLS & REPELS BROWN DOG TICKS (Rhipicephalus sanguineus) FOR UP TO 3 TO 4 WEEKS!
- KILLS & REPELS AMERICAN DOG TICKS (Dermacentor variabilis) FOR UP TO 3 TO 4 WEEKS!
- MONTHLY APPLICATION!
- MONTHLY FLEA, TICK AND MOSQUITO TREATMENT!
- KILLS AND REPELS FLEAS AND TICKS FOR UP TO A MONTH!
- KILLS AND REPELS ADULT FLEAS FOR UP TO 3 OR 4 WEEKS!
- KILLS AND REPELS TICKS FOR UP TO [4 WEEKS] [A MONTH] INCLUDING DEER TICKS (vector of LYME DISEASE), BROWN DOG TICKS AND AMERICAN DOG TICKS!
- PROTECTS HORSES FROM HOUSE FLIES, STABLE FLIES, FACE FLIES, HORN FLIES, EYE GNATS AND TICKS!
- KILLS AND REPELS HOUSE FLIES, STABLE FLIES, FACE FLIES, HORN FLIES, EYE GNATS AND TICKS ON HORSES!
- AIDS IN THE CONTROL OF HORSE FLIES, DEER FLIES, MOSQUITOES AND BLACK FLIES ON HORSES!

ACTIVE INGREDIENTS

<sup>1</sup> Permethrin (CAS #52645-53-1).....	45.0 %
<sup>2</sup> OTHER INGREDIENTS.....	55.0 %
	TOTAL 100.0 %

<sup>1</sup> cis/trans ratio: Max 55% (±) cis and min 45% (±) trans  
<sup>2</sup> Contains petroleum distillate

KEEP OUT OF THE REACH OF CHILDREN  
CAUTION

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS


Net Contents:

["No Cat Icon" in yellow box & black image only]

- 3 [0.34 fl.oz.(10.0 mL)] Applicators [or]
- 6 [0.34 fl.oz.(10.0 mL)] Applicators

EPA Reg. No.: 67505-4

**DO NOT USE ON CATS MAY BE FATAL**  
 Keep away from treated horses for 24 hours.  
 If applied to cat, contact your veterinarian immediately.



EPA Est. No.:

[Minimum 1.5 x 1.5 cm size black "No Cat Icon", on yellow background. Not printed on yellow package]

Manufactured For: Ecto Development Corporation  
Blue Springs, MO 64015  
[OR Distributor]

(lot number statement as needed) Mfg. & Printed in U.S.A  
(label revision number) (product number)

**[For Dog Applications Only]**

FRONT PANEL [Continued]

FLEA AND TICK CONTROL FOR ONLY DOGS AND PUPPIES OVER 12 WEEKS OF AGE

[Picture of Dog in weight range]

"SMALL DOGS 5-15 LBS" [AND] "Use Only For Dogs between 5 & 15 lbs"  
"MEDIUM DOGS 16-33 LBS" [AND] "Use Only for Dogs between 16 & 33 lbs"  
"LARGE DOGS 34- 66 LBS" [AND] "Use Only for Dogs between 34 & 66 lbs"  
"X-LARGE DOGS OVER 66 LBS" [AND] "Use Only for Dogs over 66 lbs"

[Only 1 of the weight ranges (listed above) per package label]

[1 Tube Pack =] "1 Month Supply" / "1 Applicator" [or] 1-pak (1 X 1.5mL)<sup>[\*]</sup>  
[3 Tube Pack =] "3 Month Supply" / "3 Applicators" [or] 3-pak (3 X 1.5mL)<sup>[\*]</sup>  
[4 Tube Pack =] "4 Month Supply" / "4 Applicators" [or] 4-pak (4 X 1.5 mL)<sup>[\*]</sup>  
[6 Tube Pack =] "6 Month Supply" / "6 Applicators" [or] 6-pak (6 X 1.5mL)<sup>[\*]</sup>

[\*] [Tube mL size dose to reflect dog size. (1.0mL small dog, 1.5mL medium dog, 3.0mL large dog, 4.5mL X-large dog)]

[Number of Applications in package - Only 1 of above descriptions per package]

FLEA & TICK CONTROL ONLY FOR DOGS AND PUPPIES OVER 12 WEEKS OF AGE AND GREATER THAN 5 POUNDS

- KILLS & REPELS FLEAS UP TO 4 WEEKS!
- KILLS AND REPELS MOSQUITOES!
- PROTECTS AGAINST BLOOD FEEDING BY MOSQUITOES (vector of HEARTWORM) UP TO 4 WEEKS!
- KILLS & REPELS TICKS FOR UP TO 4 WEEKS!
- KILLS & REPELS DEER TICKS (vector of LYME DISEASE) FOR UP TO 4 WEEKS!
- KILLS & REPELS BROWN DOG TICKS (Rhipicephalus sanguineus) FOR UP TO 4 WEEKS!
- KILLS & REPELS AMERICAN DOG TICKS (Dermacentor variabilis) FOR UP TO 4 WEEKS!
- MONTHLY APPLICATION!
- MONTHLY FLEA, TICK AND MOSQUITO TREATMENT!
- KILLS AND REPELS FLEAS AND TICKS FOR UP TO A MONTH [OR] (4 WEEKS)!
- KILLS AND REPELS ADULT FLEAS FOR UP TO 4 WEEKS!
- KILLS AND REPELS TICKS FOR UP TO 4 WEEKS INCLUDING DEER TICKS (vector of LYME DISEASE), BROWN DOG TICKS AND AMERICAN DOG TICKS!

ACTIVE INGREDIENTS

<sup>1</sup> Permethrin (CAS #52645-53-1).....	45.0 %
<sup>2</sup> OTHER INGREDIENTS.....	55.0 %
	TOTAL 100.0 %

<sup>1</sup> cis/trans ratio: Max 55% (±) cis and min 45 % (±) trans

<sup>2</sup> Contains petroleum distillate

**KEEP OUT OF THE REACH OF CHILDREN  
CAUTION**

**DO NOT USE ON CATS – MAY BE FATAL**

Keep away from treated dogs for 24 hours. If applied to a cat, contact your veterinarian immediately  
SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**[For Dog Applications Only – Continued]**

**FRONT PANEL [Continued]**

Net Contents:

- 1 [0.03 fl.oz.(1.0 mL)] [.05 fl.oz.(1.5 mL)] [1 fl.oz.(3.0 mL)] [0.15 fl. oz. (4.5 mL) Applicator [or]  
3 [0.03 fl.oz.(1.0 mL)] [.05 fl.oz.(1.5 mL)] [1 fl.oz.(3.0 mL)] [0.15 fl. oz. (4.5 mL) Applicators [or]  
4 [0.03 fl.oz.(1.0 mL)] [.05 fl.oz.(1.5 mL)] [1 fl.oz.(3.0 mL)] [0.15 fl. oz. (4.5 mL) Applicators

EPA Reg. No.: 67505-4

EPA Est. No.:

Manufactured For: Ecto Development Corporation  
Blue Springs, MO 64015  
[OR Distributor]

(lot number statement as needed) Mfg. & Printed in U.S.A  
(label revision number) (product number)

["No Cat Icon" in yellow box & black image only]

**DO NOT USE ON CATS MAY BE FATAL**

Keep away from treated dogs for 24 hours.  
If applied to cat, contact your veterinarian immediately.



[Minimum 1.5 x 1.5 cm size black "No Cat Icon",  
on yellow background. Not printed on yellow package]

**[For Horse Applications Only]**

**SIDE / BACK PANEL**

**ECTO DOG & HORSE FLEA & TICK INSECTICIDE [PRODUCT NAME]**

READ ENTIRE LABEL BEFORE EACH USE  
USE ONLY ON FOALS OVER 12 WEEKS OF AGE

PRECAUTIONARY STATEMENTS HAZARDS TO  
HUMANS AND DOMESTIC ANIMALS CAUTION

**Hazards to Humans:** Contains petroleum distillates. Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes or clothing. Causes moderate eye irritation. 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 HORSES ONLY. Do not use on foals under 12 weeks of age. Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant, or nursing horses. Consult a veterinarian before using on horses with known organ dysfunction. **DO NOT USE ON CATS** or animals other than horses. If applied to or ingested by a cat, contact your veterinarian immediately. Certain medications can interact with pesticides. It is advisable to consult a veterinarian before using this product with ANY other pesticide or drug.

**Adverse Reactions:** Some horses may be sensitive to ingredients in this product. Adverse reactions in horses may include skin sensitivity, lethargy, increased pruritis (itchiness), erythema (redness), rash and hair discoloration or hair loss at the application site. Observe the horse following treatment. Sensitivity may occur after using ANY pesticide product on pets. If signs of sensitivity occur bathe your horse with a mild and rinse with large amounts of water. If signs continue, consult a veterinarian immediately. If applied to or ingested by a cat, contact your veterinarian immediately.

**[For Horse Applications Only – Continued]**

SIDE / BACK PANEL

**FIRST AID**

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- If Swallowed
- Call a poison control center or doctor immediately for treatment advice.
  - Do not induce vomiting unless told to do so by a poison control center or doctor.
  - Do not give any liquid to the person.
  - Do not give anything by mouth to an unconscious person.
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- If on Skin or Clothing
- Take off contaminated clothing.
  - Rinse skin immediately with plenty of water for 15-20 minutes.
  - Call a poison control center or doctor for treatment advice.
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- If In Eyes
- Hold eyes open and rinse slowly and gently with water for 15-20 minutes.
  - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.
  - Call a poison control center or doctor for treatment advice.
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**HOT LINE NUMBER**

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Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies, or pesticide concerns), you may call 1-8XX-XXX-XXXX, twenty-four (24) hours per day, seven (7) days per

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NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration pneumonia.

**PHYSICAL OR CHEMICAL HAZARDS**

DO NOT USE OR STORE THIS PRODUCT NEAR HEAT OR OPEN FLAMES

**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to fish. Do not add directly to water. Do not contaminate water when disposing of product or packaging.

**DIRECTIONS FOR USE**

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

**USE RESTRICTIONS:**

DO NOT USE ON HORSES INTENDED FOR SLAUGHTER AND/OR HUMAN COMSUMPTION.  
USE ONLY ON FOALS 12 WEEKS OF AGE OR OLDER.  
DO NOT ALLOW CHILDREN TO APPLY THIS PRODUCT.  
DO NOT USE ON CATS OR KITTENS - MAY BE FATAL

**[For Horse Applications Only – Continued]**

SIDE / BACK PANEL [Continued]

**HOW TO APPLY:**

Remove product tube(s) from package. {Fold along perforation between tubes and tear off one tube. return unused tubes to package} Holding tube with notched end pointing up and away from face and body, snap off narrow end at notches.

Apply one tube (10.0 mL) of product solution as follows:

- 5 mL along the back line starting at the poll (top of head behind the ears), along the base of the mane, down the dorsal midline to the dock. (base of the tail)
- 1 mL to the top of the forehead under the forelock.
- 1 mL as a stripe to the front of each foreleg, from the ankle up to the knee (2 mL total)
- 1 mL as a stripe to the front of each hindleg, from the ankle up to the hock (2 mL total)
- Do not allow product to contact horses' eyes or mucous membranes.
- Wrap tube and put in trash.
- Do not reapply for 14 days (2 weeks).

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**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store this product in a cool, dry (preferably locked) place away from heat and open flame, in an area inaccessible to children and animals. Protect from freezing.

**Pesticide Disposal:** Non-refillable container. If empty: Do not reuse or refill this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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**KEEP OUT OF THE REACH OF CHILDREN**

**CAUTION**

**ECTO DOG & HORSE FLEA & TICK INSECTICIDE** [PRODUCT NAME] is an effective and easy to use product. As with all flea and tick control products, this product should be used as part of a program aimed at reducing flea populations in the horse's environment (bedding, carpets, kennel, yard). Consult your veterinarian for program recommendations.



**[For Horse Applications Only – Continued]**

SIDE / BACK PANEL [Continued]

**NOTICE OF WARRANTY**

NOTE: Seller warrants this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Sellers liability or default, breach, or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

**SIDE EFFECTS**

Monitor your horse 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 occur, consult your veterinarian or call 1-8XX- XXX-XXX

["No Cat Icon" in yellow box & black image only]

**DO NOT USE ON CATS MAY BE FATAL**

Keep away from treated horses for 24 hours.  
If applied to cat, contact your veterinarian immediately.



[Minimum 1.5 x 1.5 cm size black "No Cat Icon", on yellow background. Not printed on yellow package]

**[For Dog Applications Only]**

SIDE / BACK PANEL

**ECTO DOG & HORSE FLEA & TICK INSECTICIDE [PRODUCT NAME]**

READ ENTIRE LABEL BEFORE EACH USE

USE ONLY ON DOGS & PUPPIES OVER 12 WEEKS OF AGE AND  
GREATER THAN 5 POUNDS

[OR] Only for Dogs (dog's weight range) and over 12 weeks of age)

**DO NOT USE ON CATS – MAY BE FATAL**

[Optional Listing of Tube number and size in package]

[1 Tube Pack =] (Dog's weight range) 1 – (size of tube in mL) Tube
[3 Tube Pack =] (Dog's weight range) 3 – (size of tube in mL) Tubes
[4 Tube Pack =] (Dog's weight range) 4 – (size of tube in mL) Tubes
[6 Tube Pack =] (Dog's weight range) 6 – (size of tube in mL) Tubes

[Number of Applications in package - Only 1 of above descriptions per package]

**PRECAUTIONARY STATEMENTS HAZARDS TO  
HUMANS AND DOMESTIC ANIMALS CAUTION**

**Hazards to Humans:** Contains petroleum distillates. Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes or clothing. Causes moderate eye irritation. 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 puppies under 12 weeks of age and less than 5 pounds. Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant, or nursing dogs. Consult a veterinarian before using on dogs with known organ dysfunction. **DO NOT USE ON CATS.** Cats, which actively groom or engage in close physical contact with treated dogs, may be at risk of serious harmful effect. Keep cats away from treated dogs for 24 hours. If applied to or ingested by a cat, contact your veterinarian immediately. Certain medications can interact with pesticides. It is advisable to consult a veterinarian before using this product with any other pesticide or drug.

**Adverse Reactions:** Some dogs may be sensitive to ingredients in this product. Adverse reactions in dogs may include skin sensitivity, lethargy, increased pruritus (itchiness), erythema (redness), rash and hair discoloration or hair loss at the application site. Observe the dog following treatment. Sensitivity may occur after using ANY pesticide product on pets. If signs of sensitivity occur, bathe your dog with a mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately. Keep cats away from treated dogs for 24 hours. Adverse reactions in cats could include neurological effects such as inactivity, tremors, and convulsions. If applied to or ingested by a cat, contact your veterinarian immediately.

**[For Dog Applications Only - Continued]**

SIDE / BACK PANEL (Continued)

FIRST AID

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- If Swallowed**
- Call a poison control center or doctor immediately for treatment advice.
  - Do not induce vomiting unless told to do so by a poison control center or doctor.
  - Do not give any liquid to the person.
  - Do not give anything by mouth to an unconscious person.

- If in Eyes:**
- Hold eyes open and rinse slowly and gently with water for 15–20 minutes.
  - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.
  - Call a poison control center or doctor for treatment advice.

- If on Skin or Clothing:**
- Take off contaminated clothing.
  - Rinse skin immediately with plenty of water for 15-20 minutes.
  - Call a poison control center or doctor immediately for treatment advice.

NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration pneumonia.

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**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies, or pesticide concerns), you may call 1-8XX-XXX-XXXX, twenty-four (24) hours per day, seven (7) days per week.

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**PHYSICAL OR CHEMICAL HAZARDS**

DO NOT USE OR STORE THIS PRODUCT NEAR HEAT OR OPEN FLAMES

**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to fish. Do not add directly to water. Do not contaminate water when disposing of product or packaging.

**DIRECTIONS FOR USE**

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

**USE RESTRICTIONS:**

DO NOT USE ON CATS OR KITTENS - MAY BE FATAL

USE ONLY ON DOGS OR PUPPIES 12 WEEKS OF AGE OR OLDER AND GREATER THAN 5 POUNDS.

DO NOT ALLOW CHILDREN TO APPLY THIS PRODUCT.

Do not apply to dogs/puppies weighing less than 5 lbs. or less than 12 weeks of age [for smallest size dog package only].

Do not use more than one tube per dog/puppy and do not retreat more than once per month.

Do not get the dog's eyes or mouth and do not allow your dog/puppy to ingest this product.

**DO NOT USE ON CATS** or animals other than dogs. May be toxic or potentially fatal if applied to or ingested by cats. Do not get this product in your dog's eyes or mouth and do not allow the dog to ingest this product. Keep cats away from treated dogs for 24 hours. If applied to a cat or ingested by a cat, contact your veterinarian immediately.

**[For Dog Applications Only - Continued]**

SIDE / BACK PANEL (Continued)

**HOW TO APPLY:**

[Only 1 of following descriptions per package label, based upon dog size.]

[Dogs 5 to 15 lbs.]

**Use Only For Dogs Between 5 & 15 lbs:** (1.0 mL applicator tube) [Insert wording for tube type used – tube options listed below, #1 through #8.] Apply one tube (1.0 mL) of product solution as a spot or stripe to the dog's back between the shoulder blades. Squeeze tube to apply all of the solution to the dog's skin. Do not use on dogs less than 5 pounds.

[Dogs 16 to 33 lbs ]

**Use Only for Dogs Between 16 & 33 lbs:** (1.5 mL applicator tube) [Insert wording for tube type used – tube options listed below, #1 through #8.] Apply one tube (1.5 mL) of product solution as a spot or stripe to the dog's back between the shoulder blades and base of the tail. Squeeze tube to apply all of the solution to the dog's skin.

[Dogs 34 to 66 lbs ]

**Use Only for Dogs Between 34 & 66 lbs:** (3.0 ml applicator tube) [Insert wording for tube type used – tube options listed below, #1 through #8.] Apply approximately half of the tube (1.5 mL) of product solution as a spot or stripe to the dog's back between the shoulder blades and apply the rest of the tube's contents (1.5 mL) as a spot or strip to the dog's back directly in front of the base of the tail. Or, apply the entire tube (3.0 ml) as a continuous stripe on the dog's back starting between the shoulder blades and ending directly in front of the base of the tail. Squeeze tube to apply all of the solution to the dog's skin.

[Dogs over 66 lbs.]

**Use Only for Dogs Over 66 lbs:** (4.5 mL applicator tube) [Insert wording for tube type used – tube options listed below, #1 through #8.] Apply approximately half of the tube (2.25 mL) of product solution as spot or stripe to the dog's back between the shoulder blades and apply the rest of the tube's contents (2.25 mL) as a spot or stripe to the dog's back directly in front of the base of the tail. Squeeze tube to apply all of the solution to the dog's skin. DO NOT USE MORE THAN A 4.5 mL DOSE REGARDLESS OF DOG SIZE.  
[OR]

(4.5 mL applicator tube) [Insert wording for tube type used – tube options listed below, #1 through #8.] Apply the entire tube (4.5 mL) as a continuous stripe on the dog's back starting between the shoulder blades and ending directly in front of the base of the tail. Squeeze tube to apply all of the solution to the dog's skin. DO NOT USE MORE THAN A 4.5 mL DOSE REGARDLESS OF DOG SIZE.

**[For Dog Applications Only - Continued]**

SIDE / BACK PANEL (Continued)

**[Wording for use – dependent upon tube type used]**

**[1] [FOR TWIST TUBES]:** Remove product from package. Holding tube upright, twist off cap. Invert tube over dog and use open end to part dog's hair.

**[2] [FOR RATCHET TUBES]:** Remove product tube from package. Holding tube upright, pull off cap. Turn the cap around and place opposite end of cap back on tube. Twist cap to break seal, remove cap from tube. Invert tube over dog and use open end to part dog's hair.



[Pictorial for Ratchet Tubes / Drawing of how to apply]

**[3] [FOR TUBES IN BLISTER CARD]:** Remove product tube from package. Holding tube with the notched end pointing up and away from face and body, snap or cut off narrow end at notches. Invert tube over dog and use open end to part dog's hair.

**[4] [FOR FLAT CARD UNIT-DOSE PACKAGING]:** Separate cards along the perforated line. Holding separated card by its wide end with narrow end pointed up and away from face and body, cut along dotted line. Invert card over dog and use narrow end of the card to part dog's hair.

**[5] [FOR FLAT CARD UNIT DOSE PACKAGING]:** [For push pin type applicator] Remove one product tube from the card. With cap end pointed up and away from face and body, depress cap to pierce tube end. Carefully remove cap and invert tube over dog, with tube close to dog's skin.

**[6] [FOR FOLDING CARD OR TABBED CARD UNIT-DOSE PACKAGING]:** Remove product tab by tearing along perforation. Holding tab with tube end pointed up and away from face and body, cut along dotted line. Invert tab over dog and use narrow end of the card to part dog's hair.

**[7] [BLISTER CARD WITH TRI-LAYER TUBES]:** Remove product tube(s) from package. Fold along perforation between tubes and tear off one tube. {Return unused tubes to package} Holding tube with notched end pointing up and away from face and body, snap off narrow end at notches. Invert tube over dog and use open end to part dog's hair.

**[8] FOR PERFORATED 3-PAK TUBE STRIPS WITH BREAKAWAY TABS ON EACH TUBE:** Separate one tube at a time from the 3-pak strip. Holding tube upright and away from face and body, snap the tip of the tube open. Invert tube over dog and use open end to part dog's hair.

**[For Dog Applications Only - Continued]**

**SIDE / BACK PANEL (Continued)  
STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store this product in a cool, dry (preferably locked) place away from heat and open flame, in an area inaccessible to children and animals. Protect from freezing.

**Pesticide Disposal:** Non-refillable container. If empty: Do not reuse or refill this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**KEEP OUT OF THE REACH OF CHILDREN  
CAUTION**

**ECTO DOG & HORSE FLEA & TICK INSECTICIDE** [PRODUCT NAME] is an effective and easy to use product. As with all flea and tick control products, this product should be used as part of a program aimed at reducing flea populations in the dog's environment (bedding, carpets, kennel, yard). Consult your veterinarian, for program recommendations.

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**NOTICE OF WARRANTY**

NOTE: Seller warrants this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Sellers liability or default, breach, or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

**SEE INSERT FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

Manufactured For: Ecto Development Corp.  
Blue Springs, MO 64015  
[OR Distributor]

EPA Reg. No.: 67505-4

EPA Est. No.:

**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 occur, consult your veterinarian or call 1-8XX- XXX-XXX

["No Cat Icon" in yellow box & black image only]

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



[Minimum 1.5 x 1.5 cm size black "No Cat Icon", on yellow background. Not printed on yellow package]

**[Optional Insert for Dogs]** – Contains information not located on SIDE/BACK panel  
or duplication of information]

**ECTO DOG & HORSE FLEA & TICK INSECTICIDE [Product Name]**

**READ ENTIRE LABEL BEFORE EACH USE**

**USE ONLY FOR DOGS “5 TO15 LBS” [OR “16 TO 33 LBS“, “34 TO 66 LBS” OR “OVER 66 LBS”,  
depending on dog’s size] and OVER 12 WEEKS OF AGE**

**KEEP OUT OF THE REACH OF CHILDREN**

**CAUTION**

**ACTIVE INGREDIENTS**

<sup>1</sup> Permethrin (CAS #52645-53-1).....	45.0 %
<sup>2</sup> OTHER INGREDIENTS.....	55.0 %
	<b>TOTAL 100.0 %</b>

<sup>1</sup> cis/trans ratio: Max 55% (±) cis and min 45 % (±) trans  
<sup>2</sup> Contains petroleum distillates

**ECTO DOG & HORSE FLEA & TICK INSECTICIDE [PRODUCT NAME]** is an effective and easy to use product. As with all flea and tick control products, this product should be used as part of a program aimed at reducing flea populations in the dog’s environment (bedding, carpets, kennel, yard). Consult your veterinarian, for program recommendations.

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

**Hazards to Humans:** Contains petroleum distillates. Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes or clothing. Causes moderate eye irritation. 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 puppies under 12 weeks of age. Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant, or nursing dogs. Consult a veterinarian before using on dogs with known organ dysfunction. **DO NOT USE ON CATS.** Cats which actively groom or engage in close physical contact with treated dogs may be at risk of serious harmful effect. Keep cats away from treated dogs for 24 hours. If applied to or ingested by a cat, contact your veterinarian immediately. Certain medications can interact with pesticides. It is advisable to consult a veterinarian before using this product with ANY other pesticide or drug.

**Adverse Reactions:** Some dogs may be sensitive to ingredients in this product. Adverse reactions in dogs may include skin sensitivity, lethargy, increased pruritus (itchiness), erythema (redness), rash and hair discoloration or hair loss at the application site. Observe the dog following treatment. Sensitivity may occur after using ANY pesticide product on pets. If signs of sensitivity occur, bathe your dog with a mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately. Keep cats away from treated dogs for 24 hours. Adverse reactions in cats could include neurological effects such as inactivity, tremors, and convulsions. If applied to or ingested by a cat, contact your veterinarian immediately.

## [Optional Insert for Dogs – Continued]

### FIRST AID

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- If Swallowed:**
- Call a poison control center or doctor immediately for treatment advice.
  - Do not induce vomiting unless told to do so by a poison control center or doctor.
  - Do not give any liquid to the person.
  - Do not give anything by mouth to an unconscious person.
- If in Eyes:**
- Hold eyes open and rinse slowly and gently with water for 15–20 minutes.
  - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.
  - Call a poison control center or doctor for treatment advice.
- If on Skin or Clothing:**
- Take off contaminated clothing.
  - Rinse skin immediately with plenty of water for 15-20 minutes.
  - Call a poison control center or doctor immediately for treatment advice.

NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration pneumonia.

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### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. - For additional information on this pesticide product (including health concerns, medical emergencies, or pesticide concerns), you may call 1-8XX-XXX-XXXX, twenty-four (24) hours per day, seven (7) days per week.

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### PHYSICAL OR CHEMICAL HAZARDS

DO NOT USE OR STORE THIS PRODUCT NEAR HEAT OR OPEN FLAMES

### ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not add directly to water. Do not contaminate water when disposing of product or packaging.

### DIRECTIONS FOR USE

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

### USE RESTRICTIONS:

DO NOT USE ON CATS OR KITTENS - MAY BE FATAL  
USE ONLY ON DOGS OR PUPPIES 12 WEEKS OF AGE OR OLDER AND GREATER THAN 5 POUNDS.  
DO NOT ALLOW CHILDREN TO APPLY THIS PRODUCT.  
Do not apply to dogs/puppies weighing less than 5 lbs or less than 12 weeks of age [for smallest size dog package only]. Do not use more than one tube per dog/puppy and do not retreat more than once per month. Do not get the dog's eyes or mouth and do not allow your dog/puppy to ingest this product.

**DO NOT USE ON CATS** or animals other than dogs. May be toxic or potentially fatal if applied to or ingested by cats. Do not get this product in your dog's eyes or mouth and do not allow the dog to ingest this product. Keep cats away from treated dogs for 24 hours. If applied to a cat or ingested by a cat, contact your veterinarian immediately.



## [Optional Insert for Dogs – Continued]

**HOW TO APPLY:** [Only one of following descriptions used per label, based upon dog size.]

[Dogs 5 to 15 lbs.]

**Use Only For Dogs Between 5 & 15 lbs:** (1.0 mL applicator tube) [Insert wording for tube type used – tube options listed below, #1 through #8.] Apply one tube (1.0 mL) of product solution as a spot or stripe to the dog's back between the shoulder blades. Squeeze tube to apply all of the solution to the dog's skin. Do not use on dogs less than 5 pounds.

[Dogs 16 to 33 lbs ]

**Use Only for Dogs Between 16 & 33 lbs:** (1.5 mL applicator tube) [Insert wording for tube type used – tube options listed below, #1 through #8.] Apply one tube (1.5 mL) of product solution as a spot or stripe to the dog's back between the shoulder blades and base of the tail. Squeeze tube to apply all of the solution to the dog's skin.

[Dogs 34 to 66 lbs ]

**Use Only for Dogs Between 34 & 66 lbs:** (3.0 ml applicator tube) [Insert wording for tube type used – tube options listed below, #1 through #8.] Apply approximately half of the tube (1.5 mL) of product solution as a spot or stripe to the dog's back between the shoulder blades and apply the rest of the tube's contents (1.5 mL) as a spot or strip to the dog's back directly in front of the base of the tail. Or, apply the entire tube (3.0 ml) as a continuous stripe on the dog's back starting between the shoulder blades and ending directly in front of the base of the tail. Squeeze tube to apply all of the solution to the dog's skin.

[Dogs over 66 lbs.]

**Use Only for Dogs Over 66 lbs:** (4.5 mL applicator tube) [Insert wording for tube type used – tube options listed below, #1 through #8.] Apply approximately half of the tube (2.25 mL) of product solution as spot or stripe to the dog's back between the shoulder blades and apply the rest of the tube's contents (2.25 mL) as a spot or stripe to the dog's back directly in front of the base of the tail. Squeeze tube to apply all of the solution to the dog's skin. **DO NOT USE MORE THAN A 4.5 mL DOSE REGARDLESS OF DOG SIZE.**

[OR]

(4.5 mL applicator tube) [Insert wording for tube type used – tube options listed below, #1 through #8.] Apply the entire tube (4.5 mL) as a continuous stripe on the dog's back starting between the shoulder blades and ending directly in front of the base of the tail. Squeeze tube to apply all of the solution to the dog's skin. **DO NOT USE MORE THAN A 4.5 mL DOSE REGARDLESS OF DOG SIZE.**

### [Wording for use – dependent upon tube type used]

[1] **[FOR TWIST TUBES]:** Remove product from package. Holding tube upright, twist off cap. Invert tube over dog and use open end to part dog's hair.

[2] **[FOR RATCHET TUBES]:** Remove product tube from package. Holding tube upright, pull off cap. Turn the cap around and place opposite end of cap back on tube. Twist cap to break seal, remove cap from tube. Invert tube over dog and use open end to part dog's hair.



[Pictorial for Ratchet Tubes / Drawing of how to apply]

## **[For Dog Applications Only - Continued]**

### SIDE / BACK PANEL (Continued)

- [3] **[FOR TUBES IN BLISTER CARD]:** Remove product tube from package. Holding tube with the notched end pointing up and away from face and body, snap or cut off narrow end at notches. Invert tube over dog and use open end to part dog's hair.
- [4] **[FOR FLAT CARD UNIT-DOSE PACKAGING]:** Separate cards along the perforated line. Holding separated card by its wide end with narrow end pointed up and away from face and body, cut along dotted line. Invert card over dog and use narrow end of the card to part dog's hair.
- [5] **[FOR FLAT CARD UNIT DOSE PACKAGING]:** [For push pin type applicator] Remove one product tube from the card. With cap end pointed up and away from face and body, depress cap to pierce tube end. Carefully remove cap and invert tube over dog, with tube close to dog's skin.
- [6] **[FOR FOLDING CARD OR TABBED CARD UNIT-DOSE PACKAGING]:** Remove product tab by tearing along perforation. Holding tab with tube end pointed up and away from face and body, cut along dotted line. Invert tab over dog and use narrow end of the card to part dog's hair.
- [7] **[BLISTER CARD WITH TRI-LAYER TUBES]:** Remove product tube(s) from package. Fold along perforation between tubes and tear off one tube. {Return unused tubes to package} Holding tube with notched end pointing up and away from face and body, snap off narrow end at notches. Invert tube over dog and use open end to part dog's hair.
- [8] **FOR PERFORATED 3-PAK TUBE STRIPS WITH BREAKAWAY TABS ON EACH TUBE:** Separate one tube at a time from the 3-pak strip. Holding tube upright and away from face and body, snap the tip of the tube open. Invert tube over dog and use open end to part dog's hair.

## **STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store this product in a cool, dry (preferably locked) place away from heat and open flame, in an area inaccessible to children and animals. Protect from freezing.

**Pesticide Disposal:** Non-refillable container. If empty: Do not reuse or refill this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**NOTICE OF WARRANTY**

NOTE: Seller warrants this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Sellers liability or default, breach, or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

Manufactured For: Ecto Development Corporation  
Blue Springs, MO 64015  
[OR Distributor]

EPA Reg. No.: 67505-4

**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 occur, consult your veterinarian or call 1-8XX-XXX-XXX

[“No Cat Icon” in yellow box & black image only]

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



[Minimum 1.5 x 1.5 cm size black “No Cat Icon”, on yellow background. Not printed on yellow paper]

**[Optional Insert for Dogs – Continued – Monthly Reminder (for inclusion with product tubes)]**

[Printed on approximately 3"x4" peel off paper, located inside package – not visible from outside]

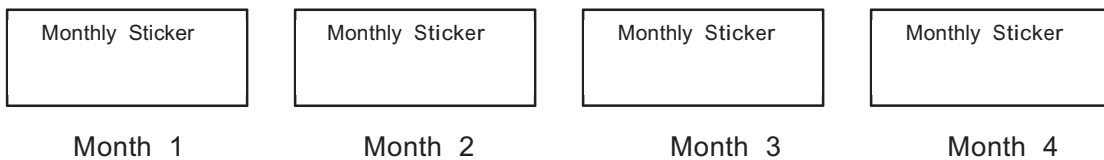
**ECTO DOG & HORSE FLEA & TICK INSECTICIDE [Product Name]**

Use these calendar stickers to remind you when your dog is due their next monthly application.

["No Cat Icon" in yellow box & black image only]



[Minimum 1.5 x 1.5 cm size black "No Cat Icon", on yellow background. Not printed on yellow package]



[Number of stickers dependent upon tube content of package]

[TUBE LABEL FOR HORSES]

VIEW OF APPLICATOR VIAL / TUBE LABELING [OR IMMEDIATE CONTAINER LABELING]

**ECTO DOG & HORSE FLEA & TICK INSECTICIDE**

[“No Cat Icon” in yellow box & black image only]

**DO NOT USE ON CATS MAY BE FATAL**

Keep away from treated horses for 24 hours.  
If applied to cat, contact your veterinarian immediately.



[Minimum 1.5 x 1.5 cm size black “No Cat Icon”,  
on yellow background. Not printed on yellow package]

PERMETHRIN 45 %

**KEEP OUT OF THE REACH OF CHILDREN  
CAUTION**

**READ DIRECTIONS AND  
PRECAUTIONS BEFORE USING**

EPA Reg. No. 67505-4  
EPA Est. No.

[TUBE LABEL FOR DOGS]

[Product Name] PERMETHRIN 45 %

**KEEP OUT OF THE REACH OF CHILDREN  
CAUTION**

**READ DIRECTIONS AND PRECAUTIONS BEFORE USING**

[Only For Dogs 5 to 15 lbs. and over 12 weeks of age.]

EPA Reg. No. 67505-4 EPA Est. No. \_\_\_\_\_  
Lot # \_\_\_\_\_

[“No Cat Icon” in yellow box & black image only]

**DO NOT USE ON CATS MAY BE FATAL**

Keep away from treated dogs for 24 hours.  
If applied to cat, contact your veterinarian immediately.



[Minimum 1.5 x 1.5 cm size black “No Cat Icon”,  
on yellow background. Not printed on yellow package]

[ONE OF THE FOLLOWING TEXTS PER VIAL / TUBE OR IMMEDIATE CONTAINER LABELING]

Only For Dogs 5 to 15 lbs.  
and over 12 weeks of age.

Only for Dogs 16 to 33 lbs.  
and over 12 weeks of age.

Only for Dogs 34 to 66 lbs.  
and over 12 weeks of age

Only for Dogs Over 66 lbs.  
and over 12 weeks of age