

**NOTICE OF PESTICIDE** REGISTRATION  
 REREISTRATION(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)**NAME OF PESTICIDE PRODUCT**Ectogard 8 House and Carpet Spray  
with Tenocide Insect Growth Regulator**NAME AND ADDRESS OF REGISTRANT (Include ZIP code)**Farnam Animal Health Company  
10150 North Executive Hills Boulevard  
P.O. Box 901350  
Kansas City, MO 64190-1350

SEP 10 1990

**BEST AVAILABLE COPY**

**NOTE:** Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted 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 U.S. EPA registration number.

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

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration No. 56493-82."

b. Since your data matrix does not give a dielectrical breakdown voltage, you must add the following to the use directions:

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

c. The STATEMENT OF PRACTICAL TREATMENT should be revised as follows:

1) The "IF IN EYES" and "IF ON SKIN" statements should precede the "IF SWALLOWED" statement.

 ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

9/6/90

3) The second statement of the "IF IN EYES" precaution should read "Call a physician if irritation persists."

3) The second statement of the "IF ON SKIN" precaution should read "Get medical attention."

3. The 3-month storage stability data are acceptable. Submit the 1-year storage stability study within 12 months of the date of this Registration Notice.

4. The eye irritation study is considered core-minimum data. The "discharge" criteria was not evaluated. This discharge criteria should be included in future studies.

5. The efficacy data are sufficient to substantiate the following label claims:

- a. Breaks flea life cycle by preventing development into adults.
- b. One treatment kills fleas for 32 weeks.

However, you must provide a study which demonstrates the efficacy of this product under actual use conditions. A vacuum simulation test similar to the study you provided to support the registration of Mctogard Fogger with Tenocide Insect Growth Regulator, EPA Registration No. 56493-83, would be acceptable.

6. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the draft labeling is enclosed for your records.



Phil Hutton  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (E7505C)

Enclosure

BEST AVAILABLE COPY

FRONT PANEL

**ECTOGARD™ S HOUSE & CARPET SPRAY**  
with Tenocide™ Insect Growth Regulator

**KILLS BOTH ADULT & PRE-ADULT FLEAS**  
plus breaks flea life cycle by preventing  
development into adults  
plus kills ticks, cockroaches, crickets, silverfish, earwigs,  
sowbugs, confused flour beetles, ants, spiders and flies

One treatment Kills Fleas For 32 Weeks

**ACTIVE INGREDIENTS:**

Fenoxycarb [ethyl[2-(4-phenoxyphenoxy)ethyl]carbamate] . . .	0.06%
d-trans-chrysanthemum monocarboxylic acid ester of d-2-allyl-4-hydroxy-3-methyl* . . . . .	0.03%
Permethrin [(3-phenoxyphenyl)methyl(±) cis-trans- 3-(2,2-dichloroethyl) 2,2-dimethylcyclopropane- carboxylate] . . . . .	0.20%
Piperonyl Butoxide, technical** . . . . .	0.10%
N-octyl bicycloheptene dicarboximide+ . . . . .	0.40%

<b>INERT INGREDIENTS</b> . . . . .	<u>99.21%</u>
	<u>100.00%</u>

\*S-bioallethrin from ESBIOL®, Roussel-Uclaf

\*\*Equivalent to 0.06% (butylcarbityl)(6-propylpiperonyl)  
ether and 0.02% related compounds

+MGK 264, Insecticide Synergist

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**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See back panel for additional precautionary statements

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Net Contents: 32 Fl. oz. (1 qt.; 0.946L)

Fermenta Animal Health Company  
P. O. Box 901350  
Kansas City, MO 64190-1350 U.S.A.

EPA Reg. No. 56493-

EPA Est. No. 7056-TX-1

EctoGard™ and Tenocide™ are trademarks of Fermenta Animal Health Co.

56493-2

EctoGard S House & Carpet Spray contains a combination of three insecticides that attacks the flea life cycle from three directions & controls ticks, cockroaches, crickets, silverfish, earwigs, sowbugs, confused flour beetles, ants, spiders & flies. 1) The first action is provided by the effective, quick-killing activity of S-bioallethrin which kills insects upon direct contact but will not provide residual activity. 2) Permethrin is the second active ingredient. It takes over as the S-bioallethrin loses effectiveness by providing residual control of fleas in carpet. 3) The third & most important ingredient is the new insect growth regulator, Tenocide. It inhibits development of the immature stages of the flea for 32 weeks, preventing them from reaching the biting adult stage.

#### **PRECAUTIONARY STATEMENTS**

##### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION:**

Harmful if swallowed or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap & water after handling.

#### **STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED** call a physician or Poison Control Center. Drink 1 or 2 glasses of water & induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF IN EYES** flush with plenty of water See a physician immediately.

**IF ON SKIN** wash with soap & water. Get medical attention if irritation persists.

**PHYSICAL OR CHEMICAL HAZARDS** Flammable. Keep away from heat & open flame.

**ENVIRONMENTAL HAZARDS** This product is toxic to aquatic organisms. Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry place, away from children. Store above freezing (32°F) & protect from high temperatures. Do not reuse empty container. Rinse thoroughly before discarding. Securely wrap original container in several layers of newspaper & discard in trash.

## **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For use in homes, garages, attics, apartment, hotels, kennels & dog houses. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

### **SHAKE WELL BEFORE USING**

**Fleas:** For maximum effectiveness, the entire carpeted or kennel area should be treated at the rate of 1 qt./500 sq. ft. Adjust spray nozzle to create a fine spray. Apply evenly as a spray for spot treatment to infested areas such as carpets, rugs & drapes; dog houses, pet beds, resting quarters & kennels; nearby cracks & crevices; along & behind baseboards. Old bedding of pets should be removed & replaced with clean, fresh bedding prior to treatment of pet area. **DO NOT TREAT PETS WITH THIS PRODUCT.** To control the source of flea infestation, pets inhabiting the treated premises should be treated with a product registered for application to animals. Avoid wetting furniture & carpeting. Application to waxed surfaces might produce a whitish residue. A fine spray applied uniformly is all that is necessary to kill fleas. To kill ticks & other labeled insects, apply directly to pests. Leave treated areas & do not return for at least one hour. Do not allow children or pets to walk on treated surfaces until completely dry. Do not spray on pets or humans. Remove birds, nursing puppies & cats, cover food, water, fish bowls & aquariums before spraying.

Do not use in edible product areas of food processing plants, restaurants, or other areas where food is commercially prepared or processed.

JLR/215  
11/21/89