

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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MAR 4 1996

Carter-Wallace, Inc.
% Mr. E. David Lewis
Lewis & Pazianos
1338 G Street SE
Washington DC 20003

Dear Mr. Lewis:

Subject: Amendment - New Basic Formulation and Revised Labeling
X-O-Trol® Flea & Tick Fogger
EPA Registration Number 8220-62
Your Application Dated August 15, 1995

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling.

- 1. Add the following statements to the Directions For Use:

IMPORTANT! To avoid **FLAMMABILITY HAZARDS**, use can as follows:

- †Shut off electrical equipment.
- †Use only one can per room.
- †Do not place in cabinet or under counter or table.
- †Place can at least 6 feet from pilot light.

- 2. Delete the term "unobstructed areas" and the sentence "Use additional units for remote rooms or where free flow of the mist is not assured."

Submit two copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

CONCURRENCES

SYMBOL							
SURNAME	LCF						
DATE							

The new basic Confidential Statement of Formula (CSF) referred to above, submitted in connection with registration under Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. All previously accepted basic formulations are obsolete. A copy has been inserted in your file for the subject product.

Sincerely yours,

George T. LaRocca
Product Manager 13
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

This fogger treats up to 2500 cubic feet of space (20' x 15' x 8' room).

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: For use only after area has been vacated by humans and pets. This product is an aerosol under extreme pressure. Do not direct spray at or around face. Spray contact with face may cause severe physical damage to the eyes. Harmful if absorbed through skin. Avoid contact with eyes, skin, and clothing. Avoid breathing vapors or spray mist. Keep away from food, feedstuffs, and domestic water supplies. Wash thoroughly with soap and water after handling. Do not allow children to lie or sleep in treated areas until areas are ventilated thoroughly and allowed to dry. Do not use in edible products areas of food processing plants, restaurants, or other areas where food is commercially prepared or processed. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Remove pets and birds, and cover fish aquariums before spraying.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If on Skin: Wash with plenty of soap and water. Get medical attention.

If in Eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

If Inhaled: Remove victim to fresh air. Apply artificial respiration if indicated.

PHYSICAL OR CHEMICAL HAZARD

Extremely flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.

DIRECTIONS FOR USE

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



Cover exposed food, dishes, and food handling equipment. Open cabinets and doors to area to be treated.

Shut off fans and air conditioners. Put out all flames except pilot lights. Close doors and windows. Point valve opening away from face and eyes when releasing. Use one unit for each 2500 cubic feet of unobstructed area. Use additional units for remote rooms or where free flow of mist is not assured. Do not remain in the area during treatment and ventilate thoroughly before re-entry.

Do not use this unit in an area less than 100 cubic feet. Will not stain furniture or fabrics when used as directed.

SHAKE WELL BEFORE USING

TO OPERATE VALVE: To lock valve in open position for automatic discharge, press valve button all the way down, hooking the catch. Place fogger in center of room with valve locked open, placing several layers of newspaper or pad under fogger. Leave building at once and keep building closed for two hours before airing out. Open all doors and windows and allow to air for 30 minutes. Repeat fogging in two to four weeks if necessary.

TO KILL FLEAS AND TICKS: Remove and destroy old pet bedding. Apply this product as for other insects. Put fresh bedding in pet's quarters after treatment. Treat dogs and cats with a registered flea and tick control product before allowing them to enter treated area.

STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry area away from heat or open flame.

DISPOSAL: Replace cap and discard container in trash. Do not incinerate or puncture.

Distributed by CARTER-WALLACE, INC., LAMBERT KAY DIVISION, CRANBURY, NEW JERSEY 08512-0187

EPA EST. 11715-TN-1. EPA REG. NO. 8220-62. PRODUCT NO. 36421

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X-O-TROL

FLEA & TICK FOGGER

ACTIVE INGREDIENTS:

Fenoxycarb (Ethyl [2-(4-phenoxyphenoxy) ethyl] c...
*Permethrin
*Piperonyl Butoxide, Technical

INERT INGREDIENTS:

*3-(phenoxyphenyl)methyl (+/-)-cis,trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate, cis/trans min. 35% (+/-) cis and max. 65% (+/-) trans. **Equivalent (butylcarbityl) (6-propylpiperonyl) ether and 0.10% related compounds.

KEEP OUT OF REACH OF CHILDREN

CAUTION: See back panel for additional precautionary statements.

NET WT. 2.5 OZ. (71g)

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 1996
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
8220-62

Copy 2 of 5

CONVENIENT
KILLS 3 PACK

KILLS FLEAS & FLEA EGGS!
AND PREVENTS REINFESTATION FROM
DEVELOPING FLEAS FOR **ONE YEAR**

BREAKS FLEA LIFE CYCLE

**TREATS
3 ROOMS**

2500 CU. FT. EACH
20' X 15' X 8'

**INSECT
GROWTH
REGULATOR**

X-O-TROL[®]

FLEA & TICK FOGGER

ACTIVE INGREDIENTS:

✓ Fenoxycarb (Ethyl [2-(4-phenoxyphenoxy) ethyl] carbamate)	0.66%
✓ Permethrin	0.50%
✓ Pyrethrins	0.05%
✓ Piperonyl Butoxide, Technical	0.50%
✓	98.29%

INERT INGREDIENTS:

✓ 3-(phenoxyphenyl)methyl (+/-)-cis,trans-3-(2,2-dichloro-1,1-dimethyl-2,2-dimethylcyclopropanecarboxylate, cis/trans ratio min. 35% (+/-) cis and max. 65% (+/-) trans. **Equivalent to 0.40% (butylcarbonyl) (6-propylpiperonyl) ether and 0.10% related compounds.	100.00%
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KEEP OUT OF REACH OF CHILDREN

CAUTION See back panel for additional precautionary statements.



Lambert Kay[™]

✓ 3 X NET WT. 2.5 oz. (7.5 oz.) (213 g)

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ACCEPTED
with COMMENTS
in EPA Letter Dated

04 MAR 1996

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

8220-603

Copy 1 of 5

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←

The X-O-TROL® Flea & Tick Fogger kills fleas, ticks, flies, cockroaches, and spiders, and attacks the flea life cycle three ways: 1. **PYRETHRINS** kill on contact. 2. **PERMETHRIN** kills for an extended period of time. 3. **FENOXYCARB** Insect growth regulator (IGR) prevents immature stages of the flea - eggs, pupae, larvae - from developing into adults for 365 days. Adult fleas reintroduced into the treated area can be killed with X-O-TROL® Flea and Tick Household Spray.

The X-O-TROL® Flea & Tick Fogger prevents flea reinfestation from developing fleas and protects pets and people from adult fleas. It also kills hidden insects, and leaves no unpleasant odor.

FENOXYCARB (IGR) is unaffected by direct sunlight, so it keeps working in areas exposed to the sun.

Each fogger treats up to 2500 cubic feet of space (20' x 15' x 8' room).

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Product No. 36421
CT-36421-05

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