

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

2724-331

DATE OF ISSUANCE

APR 09 1986

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

Zoecon RF-278 Fogger

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Zoecon Industries  
A Division of Zoecon Corporation  
12200 Denton Drive  
Dallas, TX 75234

161 / 164613  
18

NOTE: Changes in labeling formula 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 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 and/or 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. 2724-331."
- b. The stated upper certified limits for DDVP and (s)-methoprene indicate an overformulation of approximately 31 percent for DDVP and 66 percent for (s)-methoprene. Please narrow the range of these limits. Also provide the limits for the DDVP relateds.

3. We have reviewed the data supporting the biological activity of the (S)-methoprene and have the following comments: The test results to date

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

2/9/86

indicate that (s)-methoprene was comparable to racemic methoprene through 161 days for flea control. The lack of emergence at 123 days was due to low survivability of fleas at that time of year.

The full report for the test should be submitted when testing is completed.

4. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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 label is enclosed for your records.

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

Enclosures

# ZOECON RF-278 FOGGER

Contains [with] PRECOR<sup>®</sup> Insect Growth Regulator

[ ] indicates alternate or optional wording

Kills adult fleas

Prevents hatching fleas [preadult (larvae) fleas] [hatching eggs (larvae)] from becoming full grown

Prevents [controls] reinfestation for 120 days [4 Months] [17 Weeks] from hatching fleas [preadult (larvae) fleas] [hatching eggs (larvae)]

One treatment works for 120 Days [4 Months] [17 Weeks] against hatching fleas [preadult (larvae) fleas] [hatching eggs (larvae)]

Residual action keeps working for 120 Days [4 Months] [17 Weeks] against hatching fleas [preadult (larvae) fleas] [hatching eggs (larvae)]

Kills [controls] [both] adult and hatching fleas [preadult (larvae) fleas] [hatching eggs (larvae)]

Kills [controls] adult fleas and kills [controls] hatching fleas [preadult (larvae) fleas] [hatching eggs (larvae)] before they grow up to bite.

Effectively kills [controls] fleas by preventing their development into adults

Effectively breaks the flea life cycle

Kills adult fleas, ticks, roaches, ants, flies, spiders, and flying moths [on contact]

No lingering odor - No sticky mess - No stain

Easy to apply

For apartments, houses, kennels, or buildings up to 6,000 cu.ft.

Entire contents released from one spot.

Fog penetrates throughout area.

## ACTIVE INGREDIENTS:

(S)-Methoprene [Isopropyl (2E,4E,7S)-11-methoxy-3,7,11-trimethyl-2,4-dodecaenoate].....	0.075X
2-[(1-Methylethoxy) phenol methylcarbamate].....	1.00X
2,2-Dichlorovinyl dimethyl phosphate.....	0.47X
Related Compounds.....	0.03X
INERT INGREDIENTS.....	98.425X
Total	100.000X

PRECOR is a trademark of Zocon Corporation.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See Back Panel for Additional Precautionary Statements

**NET CONTENTS:** 6 oz. (170 g.)

Zocon RF-278 Fogger contains a unique combination of ingredients that kills [both] adult [larvae] fleas [hatching eggs (larvae)]. Zocon RF-278 Fogger contains a unique combination of ingredients that kills [both] adult fleas and kills hatching fleas [preadult (larvae) fleas] [hatching eggs (larvae)] before they grow up to bite. It also reaches roaches where they hide and breed. It reaches drapes, upholstery, pet bedding, floor cracks. It protects your home from flea buildup. It protects your home from flea buildup, your pets and family from flea bites. [Protects your home from flea buildup, your pets and family from flea bites.] Zocon RF-278 Fogger [also] kills roaches, ticks, ants, flies, spiders and flying moths.

One treatment with Zocon RF-278 Fogger gives continuous protection against hatching fleas [hatching eggs (larvae)] for 120 Days [4 Months] [17 Weeks]. Zocon RF-278 Fogger leaves no residue. As directed, does not stain furnishings. [Won't stain furnishings when used as directed.]

To protect your pet against fleas outdoors, use a [brand name] flea or flea and tick collar.

### PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS & DOMESTIC ANIMALS-CAUTION:** Harmful if swallowed, inhaled, or absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Avoid contact with foodstuffs. Do not use in edible product areas of food processing plants, restaurants, or other areas where food is exposed. Do not use in serving areas while food is exposed. Do not use in aquariums covered or removed before treatment. Do not allow children to lie or sleep in treated areas following treatment.

**STATEMENT OF PRACTICAL TREATMENT:** If swallowed - Call a physician or Poison Control Center immediately. Note to Physician: May present aspiration hazard. Atropine should be administered if cholinesterase inhibition appears. If inhaled - Remove victim to fresh air. Apply artificial respiration if necessary. Remove contaminated clothing and wash affected areas with soap and water. If in contact with eyes - Get medical attention if irritation persists.

**PHYSICAL OR CHEMICAL HAZARDS:** Contents under pressure. Do not use or store near heat or open flame. Temperatures above 130°F may cause bursting. Do not puncture or incinerate.

**DIRECTIONS FOR USE -** It is a violation of Federal law to use this product in a manner inconsistent with the label. Use one [fogger] canister for each 6,000 cu. ft. (750 sq. ft.) of unobstructed area, (approx. 12' rooms). For most effective results, entire dwelling should be treated. Use additional cans if full flow of mist is not assured.

No need to discard pet bedding after treatment. Be sure to leave pet bedding as this is a flea and hatching fleas [preadult (larvae) fleas] [adult fleas and hatching eggs (larvae)] before they grow up to bite.

Place in middle of the room on [the floor or a raised area such as a table or chair] a table or chair under can to [protect the surface] prevent any surface marring. Extinguish all open flames. Shut off fans and air conditioners. Cover or remove any exposed foods. Cover dishes and cabinets and doors to areas to be treated. [Open cupboards, closets, trunks and interior drawers, drapes, slip covers, upholstered furniture in place. Used as directed, this fogger kills the fleas [adult and preadult fleas] hiding inside.]

Keep at arm's length when releasing. Point top of can away from face and eyes. [Keep at arm's length when releasing.] Press down actuator tab to lock in position to start fogging action. Leave building [treated area] at once. Leave undisturbed for two hours. [Upon return] Open windows and doors for 1 hour.

### ALTERNATE DIRECTIONS FOR USE:

One can treats an area of 6,000 cubic feet (25' X 30' with an 8' ceiling). For most effective results, entire dwelling should be treated. Use additional cans for remote rooms or where full flow of mist is not assured.

### Preparation:

1. Open all cabinet doors and drawers to allow maximum kill in areas where insects can hide. Remove exposed foods, dishes, utensils, food processing equipment and surfaces. Remove pets and children. Leave pet bedding exposed.
2. Close doors and windows and shut off fans and air conditioners. Extinguish open flames. Use within 6 feet of pilot light.

### Directions:

- Place can on stand or table in center of room with newspaper under can.
- With can at arm's length, tilt can away from face.
- Push down firmly with thumb on sprayer tab until it snaps into place.
- Put the can on newspaper. Leave immediately and close the door.
- Leave treated area for 2 hours.
- After 2 hours, open all doors and windows and allow to air for 1 hour.

### STORAGE & DISPOSAL:

Store in cool area away from children. Do not reuse. Recycle or dispose of in trash collection. Zocon Corporation warrants that the chemical composition of this product conforms to the label and is reasonably fit for the purpose stated on the label when used in accordance with directions. Zocon makes no other warranty, express or implied, concerning the use of this product. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with the label.

Zocon Industries  
A Division of Zocon Corporation  
12200 Denton Drive, Dallas, Texas 75234

ACCEPTED  
EPA COMMENTS  
EPA Letter Date

APR 18 1986

Federal Insecticide, Fungicide, and Rodenticide Act, No. 2724-

registered under EPA Reg. No.

2724-331