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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

2724-449

JUN 15 1994

Term of Issuance: Conditional

NOTICE OF PESTICIDE:
 X Registration
 Reregistration

Name of Pesticide Product:

Zoecon 8718 EW

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Zoecon Corporation
A Sandoz Company
12200 Denton Drive
Dallas, TX 75234

S 447152 $\frac{166}{18}$ 544952 ✓ $\frac{166}{18}$
S 462361 $\frac{166}{18}$

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/reregistered 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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes before you release the product for shipment:

- a. Add the phrase, "EPA Registration No. 2724-449".
- b. Add the following phrase to the directions for termites (gallery application). " All pilot holes into which material has been applied must be plugged."

3. You will submit the data listed below, conducted in accordance with the test guidelines referred to below, no later than the specified due date. This listing reflects the submittal due dates currently in effect for those data required under the June 3, 1991 Data Call-In to support the reregistration of the

Signature of Approving Official

Paul

Date

JUN 15 1994

Copy 2

chemical propetamphos for the indoor food and indoor nonfood use patterns appearing on the subject product label.

<u>Guideline Number and Name</u>	<u>Due Date</u>
81-8 SS Acute Neurotox	August 30, 1994
82-5(b) 90 day neurotox-mammal (in lieu of 82-7SS)	August 30, 1994
85-4 SS 6-Mo Ocular	June 26, 1995
171-4(i) Mag. Res. Food Hdlg.	May 30, 1995

According to our records, the following data requirements imposed under the June 3, 1991 DCI for the use pattern appearing on the subject product label, are currently outstanding for the chemical, propetamphos. The submittal due dates have passed and information relative to these data requirements are currently pending with the Agency's Reregistration Branch, Special Review and Reregistration Division.

- a. 171-4(a) Nature of Residue- Plants
- b. 171-4(b) Nature of Residue- Animals
- c. 171-4(d) Analytical Method- Animals

4. Submit two copies of your final printed label 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 sec. 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.

Sincerely yours,

Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (7504C)

BEST AVAILABLE COPY

RESTRICTED USE PESTICIDE
Due to acute oral and dermal toxicity

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

ZOECON 8718 EW

For Control of Cockroaches and Other Pests

Flea/Roach Control for PCO Use

Flea/Roach Control Available Through PCOs

ACTIVE INGREDIENT

propetamphos [(E) 1-methylethyl 3-
[[[(ethylamino) methoxyphosphoryl]oxy] 2 butenoate] 46.5%
INERT INGREDIENTS 53.5%

KEEP OUT OF REACH OF CHILDREN

WARNING

See side panel for additional precautionary statements, first aid treatments, and directions for use.

Zoecon Corporation
A Sandoz Company
1,220 Leitch Drive, Dallas, Texas 75234

ACCEPTED
with COMMENTS
in EPA Letter Dated
EPA 2724-TX-1
Made in USA

EPA Reg. 2724
0723D

NET CONTENT 15 1994

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

2724-449

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS - WARNING: May be fatal if swallowed or absorbed through skin. Harmful if inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing dust or spray mist. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing before reuse.

Statement of Practical Treatment: If swallowed, call a physician or poison control center. Drink 1 to 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 inhaled, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTE TO PHYSICIAN: Propetamphos, an organophosphate compound, is a cholinesterase inhibitor. Atropine with 2-PAM is the emergency antidote if symptoms of cholinesterase inhibition are present.

PHYSICAL OR CHEMICAL HAZARDS: Do not use, pour, or store near heat or open flame.

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

General Information: Zoecon 8718 EW provides effective control of listed pests in buildings and structures. Permitted sites of application include but are not limited to homes, apartment buildings, stores, warehouses, schools, nursing homes, hospitals and industrial. Zoecon 8718 EW may also be used in food handling establishments. Zoecon 8718 EW mixes easily with water and may be applied with most sprayers. Diluted spray mixture may be stored overnight and applied the following day, but mixture should be agitated well prior to application to prevent the uneven distribution of product. Do not apply as a space spray. Zoecon 8718 EW in recommended dilutions is nonstaining and does not cause damage to fabrics, plastics, paints, or other surfaces which cannot be damaged by water alone. Do not apply where electrical short circuits might result.

Specific Instructions: Prepare a Zoecon 8718 EW spray-mix equal to a 0.5-1.0% concentration of active ingredient per gallon of finished solution according to the following dilution table:

To make 1 gallon of finished spray equal to:	Dilution Rate
0.5% Concentration	Use: 1.30 oz. per gallon of water
1.0% Concentration	Use: 2.60 oz. per gallon of water

Where a rate range is indicated, use the low rate for light infestations or monthly maintenance sprays, and the higher concentration for heavy infestations, initial cleanout, or where a longer period of residual control is desired.

NOTE: Following flea and tick treatment, thorough ventilation of treated areas, by occupant before re entry, can reduce potential odors. In buildings with restricted air flow, such as office buildings, ventilation is enhanced by adjusting ventilation systems to include outside air for 24 hours.

Fleas, Brown Dog Ticks: Apply as a 0.5% a.i. line spray to infested rugs, floor coverings and upholstered furniture, taking care to treat between and under cushions of furniture and under edges of floor coverings where possible. Use approximately 1 gal. of finished spray per 1500 sq ft. Entire rugs may be treated. Pet beds and frequented resting areas including adjacent cracks and crevices should also be treated. Old bedding should be removed and replaced with clean fresh bedding after premises are treated. Do not treat pets with this product. Keep all persons and pets out of treated area until spray mixture has dried.

[For ticks, allow 48 hours of exposure to treated surfaces for control to be evident.]

Spot and Crack & Crevice Applications: (Cockroaches, Ants, Crickets,

Firebrats, Pillbugs, Sowbugs, Beetles, Boxelder Bugs, Earwigs) Apply as a 0.5%-1.0% a.i. spot spray normally occur such as around water pipes, doors and cabinets, sinks and stoves, the corners, and similar areas. (For ant nests, around doors and window structures. For exposed termite termites are seen such as wood studs.)

Gallery Application: (Termites) Drill pilot holes eight to ten inches a.i. spray using appropriate low injection tube nozzle. Apply sufficient use in areas where contact with in areas where a potential short

Spray Application: (Pantry Pest, Beetle, Red Flour Beetle, etc.) Remove all foodstuffs, utensils and used shell paper and any other shelves and cupboards. Allow replacement of food and utensils.

Food Handling Establishment: food is held, prepared, or served in manufacturing, processing, or such establishments, application treatments. Food areas include bottling, wrapping, boxing), processing systems (mills, dairies) food is exposed and facility is

Prepare a Zoecon 8718 EW spray and apply in small amounts directly capable of delivering a pinstream construction, between equipment hollow spaces in walls, equipment

Silverfish, Firebrats, Spiders and made to areas where any of storage areas, closets, around under refrigerators, cabinets, sides of shelves, drawers and similar

avoid contamination of food areas as needed but not more than one pest in question

STORAGE & DISPOSAL

in a cool area away from children container and put in trash. Store in ventilated area away from human heat or open flame. Pesticide product may be disposed of on

Container Disposal: Metal Containers for recycling, or reconditioning, or by other procedures approved. **Container:** Triple rinse (or reconditioning, or puncture and or, if allowed by state and local smoke.