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2724-355

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

MAY 19 1994

Mr. Steven Spaulding
Zoecon Corporation
A Sandoz Company
12200 Denton Drive
Dallas, TX 75234

Dear Mr. Spaulding:

Subject: Use Deletions
Zoecon RF-270 Emulsifiable Concentrate
EPA Registration No. 2724-355
Labeling Submitted January 20, 1992

The amendment referred to above, submitted in connection with registration under FIFRA, is acceptable, provided that you:

1. Submit one copy of your final printed labeling incorporating the following correction before you release the product for shipment.

o Update the Restricted Use Classification statement in accordance with PR-Notice 93-1.

2. Make the following changes at the next label printing.

o Several of the front panel label claims appear to be misleading since they imply that the unique properties of the biochemical, hydroprene, one of the two insecticides present in the subject product, apply to both insecticides and not just to hydroprene itself. Therefore, these claims must be qualified so that it is clear that these properties are due to the presence of hydroprene in the product. These claims include the following: "Birth Control for Roaches", "Effectively breaks the roach life cycle" "Eliminates roach populations", "Continuous protection for 120 days(4 months)(17 weeks)", "Removes roaches natural ability to reproduce", and "Biorational approach to roach control".

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 bearing the amended labeling constitutes acceptance of these conditions.

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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

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RESTRICTED USE PESTICIDE

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 RF-270 EMULSIFIABLE CONCENTRATE

with GENCOR® Insect Growth Regulator

For Control of Cockroaches and Other Pests

Birth Control for: Roaches

Effectively breaks the roach life cycle

Eliminates roach populations

Continuous protection for 120 days
(4 months)(17 weeks)

Removes roaches natural ability to reproduce

Biorational approach to roach control

ACTIVE INGREDIENTS:

Propetamphos [(E)-1-methylethyl 3-
[[[(ethylamino)methoxyphosphorothioyl
oxy]-2-butenoate]..... 59.7%

Hydroprene [Ethyl (E,E)-3,7,11-trimethyl-
2,4-dodecadienoate]..... 7.2%

INERT INGREDIENTS..... 33.1%

TOTAL..... 100.0%

KEEP OUT OF REACH OF CHILDREN WARNING

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

NET CONTENTS:

GENCOR is a trademark of Sandoz Ltd.

ACCEPTED
with COMMENTS
by EPA Letter Dated

MAY 19 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this product is registered under EPA Reg. No. 2724-355

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - WARNING: May be fatal if swallowed or absorbed through skin. Harmful if inhaled. Avoid breathing spray mist. Do not get in eyes, on skin, or on clothing. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse. Do not use in edible product areas of food processing plants, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed. Avoid contamination of food, foodstuffs or water supply. Do not spray in areas such as conduits, motor housing, junction and switch boxes where electrical short circuits or shock hazard might result.

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 with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN: Zoecon RF-270 is an organophosphate insecticide and a cholinesterase inhibitor. If signs of cholinesterase inhibition are present, atropine is antidotal. 2-PAM is also antidotal and may be used in conjunction with atropine. Usual symptoms of organophosphate poisoning in man include: headache, blurred vision, weakness, nausea, discomfort in the chest, vomiting, abdominal cramps, diarrhea, salivation, sweating, pin-point pupils.

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

General Information: Zoecon RF-270 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 buildings. Zoecon RF-270 may also be used in non-food areas of food handling establishments. Zoecon RF-270 mixes easily with water and may be applied with most sprayers. Diluted spray mixture can be stored overnight and applied the following day, but mixture should be agitated well prior to application to prevent uneven distribution of the product. Do not apply as a space spray. Zoecon RF-270, in recommended dilutions, is nonstaining and does not cause damage to fabrics, plastics, paints or other surfaces which cannot be damaged by the carrier alone.

GENCOR is unique in that it eliminates roach populations without direct poisoning like conventional insecticides. This biorational insecticide is also unique in that it is similar to insect growth hormones that occur naturally in insects. GENCOR effectively controls roach populations by inhibiting reproduction. One to two weeks after application, you will begin to see roaches with crinkled wings - showing the effects of GENCOR. These roaches cannot reproduce. Immature roaches are prevented from developing into reproductive adults, thereby effectively breaking the roach life cycle.

Specific Instructions: Prepare a Zoecon RF-270 spray-mix equal to a 0.5-1.0% concentration of propetamphos 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 of propetamphos	Use 1 oz. per gallon of water per 1500 sq.ft.
1.0% concentration of propetamphos	Use 2 oz. per gallon of water per 1500 sq.ft.

Where a rate range is indicated below, 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.

Cockroaches: Apply as a 1.0% propetamphos spot or crack and crevice treatment where these pests normally occur such as baseboards, storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks and stoves, the underside of shelves, drawers and similar areas. Use products containing only GENCOR every 120 days (4 months)(17 weeks) to effectively control your roach problem.

Ants, Crickets, Firebrats: 0.5%-1.0% propetamphos. Pests normally occur such as control of ants, apply spray and other places where ants

Carpenter Ants: For initial treatment to ant trails, around places where ants are accessible, treat ant nests brought under control with treatments of 0.5% propetamphos completely controlled.

Spiders: Apply as a 1.0% treatment around windows. Make a spot application suspected.

Fleas: Apply as a 0.5% coverings and upholstered under cushions of furniture possible. Use approximately. Entire rugs may be treated including adjacent cracks bedding should be removed premises are treated. Do persons and pets out of treated

Brown Dog Ticks: Apply infested areas such as those exposure to treated surface with this product. Keep all mixture has dried.

Carpet Beetles: Apply as along baseboards and edge closets or shelving where

Boxelder Bugs, Earwigs, G spot or crack and crevice baseboards. Make a spot are seen or suspected.

Pantry Pests - Exposed Beetle, Confused Flour Beetle, utensils and shelf paper from and any infested foodstuffs and cupboards. Allow replacement of food and

Storage & Disposal: feed by storage or disposal area away from humans, pets or open flame. Pesticide disposal or excess pesticide Federal Law. If these was label instructions, contact Agency, or the Hazardous Regional Office for guidance. Then offer for recycling or sanitary landfill, or by other authorities. Glass Containers sanitary landfill, or by other Container Disposal: Triple or reconditioning, or puncture incineration, or, if allowed burned, stay out of smoke

EPA Reg. No. 2724-355
0192-C-0136F