

Ms. Kelly J. Parker
Regulatory specialist
Zoecon Corporation
A Sandoz Company
12200 Denton Drive
Dallas, Texas 75234

OCT 17 1992
300/425/842
18/

Dear Ms. Parker:

Subject: Final Printed Labeling for Zoecon RF-259 EC
EPA Registration No. 2724-394

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable subject to the following comments.

1. As stated in our letter of 8/5/92, delete "After application, thoroughly wash all equipment, benches, shelving, etc. where exposed food may be handled, held, prepared, processed or served."

2. As stated in our letter of 8/5/92, you should have two storage and disposal blocks on your master label and use the appropriate block(s), i.e. residential and/or commercial, for the product used in commerce. The optional statements indicator for the storage and disposal block is inappropriate.

3. Underline the statement specified in item 1 of our 8/5/92 letter as required.

A stamped copy of the label is enclosed for your records. Submit five (5) copies of final printed labeling.

Sincerely,

Phil Hutton
Phil Hutton
Product Manager 18
Insecticide-Rodenticide Branch
Registration Division (H7505C)

CONCURRENCES

SYMBOL	H7505C						
SURNAME	Mendel						
DATE	10/1/92						

{ } Indicates optional statements

ZOECON RF-259 EMULSIFIABLE CONCENTRATE

with GENCOR® (ZIGRON™)
Insect Growth Regulator

- Eliminates Roach Populations
- Continuous Protection for 120 Days {4 Months}{17 Weeks}
- Use Every 120 Days {4 Months}{17 Weeks}
- to {Stop}{End} Your Roach Problem
- Removes Roaches Natural Ability to Reproduce
- Biorational Approach to Roach Control
- Effectively Controls Roach Populations by Preventing Reproduction
- Effectively Breaks the Roach Life Cycle
- Kills {Controls} Stored Product Pests
- Kills {Controls} Fleas
- Stops Hatching Fleas from Developing
- Easy to Apply
- Roach control for Industrial & Institutional Use
- Labeled for use in {food areas (and non-food areas) of}
- food handling establishments (facilities)

The active ingredient in the Zoecon RF-259 Emulsifiable Concentrate is the biorational insecticide GENCOR (ZIGRON) Insect Growth Regulator. GENCOR is unique in that it eliminates roach populations without direct poisoning like conventional insecticides. This biorational insecticide is similar to growth regulators that occur naturally in insects, and is also unique in that it controls roach populations by inhibiting reproduction. One to two weeks after application, you will begin to see roaches with crinkled wings--showing the initial effects of GENCOR. These roaches cannot reproduce. Immature roaches develop into nonreproductive adults, thereby effectively breaking the roach life cycle.

ACTIVE INGREDIENTS:
(S)-Hydroperoxy (Ethyl(2E,4E,7Z)-3,7,11-trimethyl-2,4-dodecadienoate)..... 9.0%
INERT INGREDIENTS*..... 91.0%
*Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN

WARNING

See back panel for additional precautionary statements

CONTENTS:

GENCOR and ZIGRON are trademarks of Sandoz Ltd.

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

EPA Reg. No. 2724-351
8892-E

EPA Est. No.
Made in USA
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population. A conventional insecticide effective in killing roaches should be used with the Zoecon RF-259 Emulsifiable Concentrate if a large roach population is present. The Zoecon RF-259 Emulsifiable Concentrate should then be applied every 4 months to maintain continuous protection. When GENCOR is applied by itself, a reduction in the roach population will begin to be noticed at around 4 months. Major population reductions will be seen in 6 to 12 months. Zoecon RF-259 Emulsifiable Concentrate should be applied every 4 months to maintain continuous protection. Zoecon RF-259 Emulsifiable Concentrate also controls stored product pests. These pests include, but are not limited to, Indian meal moths, rice moths, tobacco moths, red flour beetles, confused flour beetles, lesser grain borers, merchant grain beetles, sawtooth grain beetles, warehouse beetles, larder beetles, and dermestid beetles. Zoecon RF-259 Emulsifiable Concentrate is also effective in controlling flea populations. It effectively breaks the flea life cycle by preventing their development into adults.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - WARNING: Avoid contact with eyes, skin, or clothing. Causes skin irritation. Wash thoroughly with soap and water after handling. Avoid direct contamination of food, foodstuffs, or water supply.

STATEMENT OF PRACTICAL TREATMENT: If in eyes, flush with plenty of water. If irritation persists, call a physician. If swallowed, call a physician or Poison Control Center immediately. Do not induce vomiting. If on skin, wash thoroughly with soap and water. Get medical attention. Remove contaminated clothing and wash before reuse.

PHYSICAL OR CHEMICAL HAZARDS: Do not use this product in or on electrical portion of equipment due to the possibility of shock hazard.

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

Zoecon RF-259 Emulsifiable Concentrate is intended for use in buildings, which include but are not limited to apartment buildings, bars, cafeterias, super markets, grocery stores, day care centers, hospitals, houses, industrial buildings, office buildings, kitchens, laboratories, manufacturing establishments, mausoleums, nursing homes, restaurants, schools, stores, taverns, and warehouses. Zoecon RF-259 Emulsifiable Concentrate is also intended to be used in various modes of transportation including but not limited to aircraft, buses, trucks, trailers, rail cars, and marine vessels. Prior to using in commercial or residential (household) food areas, please refer to the Food Handling Establishment or Commercial Food Storage Area sections of the label. The preparations prior to treatment and the clean up after application described therein are also to be followed for residential (household) use.

Instructions for use: Zoecon RF-259 Emulsifiable Concentrate is intended to be mixed with water and applied with spray equipment such as hand pressurized or power operated sprayers capable of delivering general surface, fogger (space spray), spot, and crack and crevice spray applications.

Spray Preparation: Prepare a diluted spray solution by (depressing the metered actuator once) adding 1 ounce (one bottle) of Zoecon RF-259 Emulsifiable Concentrate to one gallon of water. For fogger preparation, follow equipment manufacturer's instructions. For spray preparation, partially fill the mixing container with water, add the Zoecon RF-259 Emulsifiable Concentrate, shake, and fill to final volume. Use diluted spray solution within 48 hours of mixing. Shake before each use.

Tank Mixing: The user, at his discretion, can tank mix Zoecon RF-259 Emulsifiable Concentrate with SAFROTIN Insecticide or another adulticide currently registered for use unless the product label prohibits such use. Use of the resulting tank mixture must be used in accordance with the more restrictive label limitations and precautions.

General Surface Application: Apply the Zoecon RF-259 Emulsifiable Concentrate diluted spray at a rate of one gallon per 1500 ft² of surface area. Use spray equipment capable of delivering a variable spray to uniformly apply the solution. Applications can be made to walls, floors, ceilings, attics, basements, crawlspaces, in and around cupboards, between, behind and beneath equipment, appliances, around floor drains, window and door frames, shelves, drawers and in similar areas. Applications may be made to floor surfaces along walls and around air ducts. NOTE: Prior to spraying around air ducts, shut off ventilation

Fogger (Space Spray) Application: Zoecon RF-259 Emulsifiable Concentrate as a fog or an ULV, mechanical foggers to achieve uniform coverage (one gallon dilution) per 1,000 ft² of larger facilities including warehouses. Close room or warehouse a product in the air, and direct at cockroaches. These include construction, between equipment, walls, equipment legs and boxes. After treatment, leave the room. Recommended by the equipment manufacturer. Products applied in tank mix before reentry.

Spot and Crack and Crevice Application: Zoecon RF-259 Emulsifiable Concentrate diluted spray system capable of delivering general surface and crevice applications may be limited to: crevices, baseboards, molding, areas around water pipes, and similar areas. Spot treatment but not limited to: storage areas, windows, behind and under refrigerator, equipment, shelves, drawers, etc. **Warehouses:** Zoecon RF-259 Emulsifiable Concentrate as a general surface, fogger (space spray) in food storage warehouses or limited solely to either bottle or tank application. Apply to all areas between pallets.

Food Handling Establishment Application: Zoecon RF-259 Emulsifiable Concentrate may only be used for general treatment in both food handling establishments. Serving areas apply directly to food preparation application. All food contact surfaces, etc. where exposed food may be served) should be covered with a cleaning compound followed by application, thoroughly washed, and exposed food may be handled. **Food Handling Establishments:** Zoecon RF-259 Emulsifiable Concentrate in residences where exposed food is present. These facilities (establishments) include cafeterias, taverns, bars, delis, dining areas, hospitals, nursing homes, machines, grocery stores, etc. based on efficacy, is 90 - 100%. **Commercial Food Storage:** Zoecon RF-259 Emulsifiable Concentrate spray or spot treatment to areas where food is stored. Prior to application, do not replace food. Destroy any infested

STORAGE & DISPOSAL: Store in original container from children. Do not reuse container for trash collection. Do not use for disposal. Plastic Containers may be offered for recycling or reconversion to sanitary landfill, or incinerated by burning. If burned, stay downwind. Triple rinse (or equivalent). Other approved state and local regulations apply. Triple rinse (or equivalent). Do not puncture and dispose of in accordance with approved by state and local

BEST AVAILABLE

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 2724-351

See back panel for additional precautionary statements
OCT 07 1992
ACCEPTED FOR REGISTRATION
EPA REG. NO. 2724-351