

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 05-31-98.



United States Environmental Protection Agency Washington, DC 20460

Registration Amendment Other (checked)

OPP Identifier Number 243492

Application for Pesticide - Section I

1. Company/Product Number: Sandoz Agro, Inc/2724-351
2. EPA Product Manager: J. Anderson
3. Proposed Classification: [X] None [] Restricted
4. Company/Product (Name): Zoecon RF-259 Sandoz Agro, Inc./Emulsifiable Concentrate
5. Name and Address of Applicant: Sandoz Agro, Inc. 1300 E. Touhy Ave. Des Plaines, IL 60018
6. Expedited Review: In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. Product Name

NOTIFICATION - II

JUL 31 1996

Amendment - Explain below. Resubmission in response to Agency letter dated. [X] Notification - Explain below. See attached letter. Final printed labels in response to Agency letter dated. "Me Too" Application. Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.) This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging, Unit Packaging, Water Soluble Packaging, 2. Type of Container: Metal, Plastic, Glass, Paper, Other. 3. Location of Net Contents Information: [X] Label [] Container. 4. Size(s) Retail Container: 1, 16 Fl. oz. 5. Location of Label Directions: [X] On Label [X] On Labeling accompanying product. 6. Manner in Which Label is Affixed to Product: [X] Lithograph [X] Paper glued [] Stenciled [] Other.

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) Name: Nancy Huebl, Title: Label Coordinator, Telephone No. (847) 390-3823. Certification: I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. 2. Signature: Nancy Huebl, 3. Title: Label Coordinator, 4. Typed Name: Nancy Huebl, 5. Date: July 16, 1996, 6. Date Application Received (Stamped)

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SANDOZ AGRO, Inc. -

FILENAME: L:\LABELS\CAHSPEC\ 02724351\ ARF259eA.96A

COVERSHEET UPDATE: 7/15/96

PRODUCT: ZOECON RF-259 EMULSIFIABLE CONCENTRATE

EPA REG. NO.:- 2724-351

APPROVED: Notification July 1996

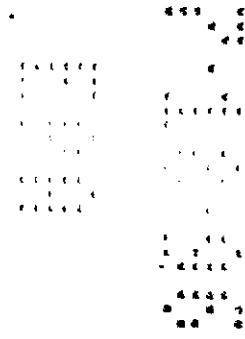
SUPERSEDES: 6/16/95

OVERVIEW: NOTIFICATION: LANGUAGE FROM AGREVO FOR DFU FOGGING (SPACE SPRAY/MIST) APPLICATION, RATE EQUIVALENT

Page #	Description of Major Changes
3	Turbocide GOLD DFU for fogging (space spray/mist) application/rate included as optional
4	Turbocide GOLD trademark included as optional

NOTIFICATION

JUL 31, 1996



{ } Indicates optional statements

ZOECON RF-259 EMULSIFIABLE CONCENTRATE

with GENCOR® (ZIGRON™) Insect Growth Regulator

- Controls roach & stored product pest populations
- Continuous protection for 120 days {4 months}{17 weeks}
- Use every 120 days {4 months}{17 weeks} to {stop}{end} Your roach problem
- Minimum retreatment interval, based on efficacy, is 45 to 120 days
- Inhibits roaches' natural ability to reproduce
- Biochemical approach to roach & stored products pest control
- Controls stored product pest populations by disrupting normal metamorphosis
- Breaks the roach life cycle
- Kills {controls} stored product pests {populations}
- Easy to apply
- Roach control for industrial & institutional use
- Labeled for use in {food areas {and non-food areas} of} food handling establishments {facilities}
- Labeled for fogging in large food handling establishments (warehouses)
- Kills fleas

ACTIVE INGREDIENT:

(S)-Hydroprene [Ethy[(2E,4E,7S)-3,7,11-trimethyl-2,4-dodecadienoate]:

9.0%

INERT INGREDIENTS*:

91.0%

TOTAL:

100.0%

NOTIFICATION
JUL 31, 1996

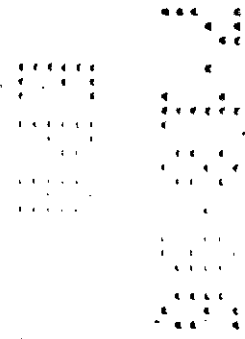
*Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN

WARNING

See back panel for additional precautionary statements

NET CONTENTS:



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - WARNING: Avoid contact with eyes, skin, or clothing. Causes skin irritation. Harmful if swallowed. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT: **If Swallowed:** Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available drink large quantities of water. Avoid alcohol. Call a physician or Poison Control Center immediately. **If on skin:** Wash thoroughly with soap and water. Get medical attention. Remove contaminated clothing and wash before reuse. **If in Eyes:** Flush with plenty of water. If irritation persists, call a physician. **If Inhaled:** Remove to fresh air. **Note to Physician:** Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

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.

General Information

Zoecon RF-259 Emulsifiable Concentrate, an Insect Growth Regulator (IGR), is a synthetic, juvenile hormone "look-alike" which disrupts the normal growth development of cockroaches and stored product pests (examples of these pests include Indian meal moths, rice moths, tobacco moths, red flour beetles, confused flour beetles, lesser grain borers, merchant grain beetles, sawtooth grain beetles, warehouse beetles, cigarette beetles, and dermestid beetles). Roaches, exposed to the GENCOR® IGR will become adults incapable of reproducing. GENCOR also disrupts the normal life cycle of stored product pests and fleas; thus, killing these insects. In both cases, the cycle of an infestation ends. Zoecon RF-259 Emulsifiable Concentrate is intended for use in apartment buildings, bakeries, bottling facilities, breweries, boiler rooms, cafeterias, candy plants, grocery stores, day care centers, hospitals, residential homes, office buildings, kitchens, laboratories, cereal processing facilities, manufacturing plants, mausoleums, meat and produce canneries, nursing homes, restaurants, schools, locker rooms, stores, taverns, warehouses, as well as various modes of transportation such as aircraft, buses, trucks, trailers, rail cars, and marine vessels.

Zoecon RF-259 is intended for use as a general surface spray, fogging, spot and crack and crevice applications.

Prior to using in commercial or residential (household) food areas, please refer to the Food Handling Establishment Applications section 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 or hand application equipment, such as hand-pressurized or power-operated sprayers capable of delivering general surface, fogging (space spray/mist), spot, crack and crevice spray applications, or with a paint brush, roller, or similar device.

DILUTION PREPARATION: For surface spray/paint brush, spot and crack and crevice preparations: Use 1 ounce {one bottle}{depress the metered actuator once} of Zoecon RF-259 Emulsifiable Concentrate to one gallon of water. Partially fill the mixing container with water, add the Zoecon RF-259 Emulsifiable Concentrate, shake or stir, and fill to final volume. Use diluted solution within 48 hours of mixing. Shake or stir before each use. For fogging preparation: follow equipment manufacturer's instructions.

TANK MIXING: The user, at his discretion, can tank mix Zoecon RF-259 Emulsifiable Concentrate with SAFROTIN® Emulsifiable Concentrate Insecticide or another adulticide currently registered for use, unless the product label prohibits such use. 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 dilution at a rate of one gallon per 1500 sq ft of surface area. Use spray/application equipment capable of delivering a variable spray or coating to uniformly apply the solution. Applications can be made to areas such as walls, floors, ceilings, attics, basements, or crawlspaces. NOTE: Prior to treating around air ducts, shut off ventilation system. Allow treatment to dry prior to turning on ventilation system.

FOGGING (SPACE SPRAY/MIST) APPLICATION: Apply Zoecon RF-259 Emulsifiable Concentrate as a fog or an ultra-low volume (ULV) mist with equipment such as ULV, mechanical misting sprayers, aerosol generators, or thermal foggers to achieve uniform coverage. Follow manufacturer's solution preparation instructions. Apply at a rate of one ounce {one gallon dilution} per 12,000 cu ft. [Turbocide GOLD® with GENTROL is to be used as a space spray applied using apparatus designed or approved by AgrEvo Environmental Health. Apply Turbocide GOLD with GENTROL at an application rate not to exceed 2.38 g/1000 ft³ (1 oz per 12,000 ft³) diluting as required following the instructions of Turbocide GOLD spraying equipment.] Fogging applications are recommended for larger facilities including warehouses (Refer to Warehouses section below). Close room or warehouse and shut off all ventilation systems. Apply the product in the air and direct mist toward all areas that may harbor target pests. After treatment, leave the room closed for 30 minutes {or longer as recommended by the equipment manufacturer or the labels of other products applied in tank mixing}. Do not remain in treated area; ventilate before reentry.

SPOT AND CRACK AND CREVICE APPLICATIONS: Apply Zoecon RF-259 Emulsifiable Concentrate diluted spray solution using either a pressurized spray system capable of delivering a pin-point or variable spray pattern or a device capable of coating evenly. Crack and crevice applications may be made directly to areas such as crevices, baseboards, floors, ceilings, or walls. Spot treatments may be made to areas such as storage areas, closets, around water pipes, doors, windows, and behind and under appliances/equipment.

WAREHOUSES (Non-Food): Zoecon RF-259 Emulsifiable Concentrate may be applied as a general surface, fogging, spot, or crack and crevice treatment in non-food storage warehouses. Apply to all areas that may harbor pests, including under and between pallets.

FOOD HANDLING ESTABLISHMENT APPLICATIONS:

Zoecon RF-259 Emulsifiable Concentrate may be applied as a general surface, fogging, spot, or crack and crevice treatment in both food and non-food areas of Food Handling Establishments. These establishments are defined as places other than private residences where exposed food is held, prepared, processed, or served. It also includes areas where food items are received, prepared, packaged, and stored, as well as enclosed food processing systems (mills, dairies, etc).

SURFACE SPRAY APPLICATION:

(Do not apply directly to food products).

General Area Treatments - Prior to application, remove or cover all food items. Also, cover all food contact surfaces (i.e., equipment, benches, shelves - areas where exposed food may be handled, held, prepared, processed, or served). If left uncovered, these areas must be thoroughly cleaned by a method capable of removing chemical residues after treatment. Partial area treatments - Zoecon RF-259 Emulsifiable Concentrate can be applied to partial areas of food handling establishments in cases of small or localized infestations. For partial area treatments, a perimeter of at least 6 feet must be established [6 feet in all directions from the treated area], where all food handling surfaces are either covered at the time of treatment, or thoroughly cleaned by a method effective in removing chemical residues after treatment.

SPOT AND CRACK AND CREVICE APPLICATIONS:

Prior to application, remove or cover all food items in area to be treated. Do not apply directly to food or food-handling surfaces.

PANTRY/CABINETS, SMALL FOOD STORAGE AREAS:

Apply as a surface spray, crack and crevice spray, or spot treatment to pantry and cupboard shelves or other areas where food is stored. Prior to spraying, remove all food containers and foodstuffs. Do not replace food containers or foodstuffs until spray has dried. Destroy any infested food packages to ensure proper control.

FOGGING (SPACE SPRAY/MIST) APPLICATION:

Prior to application, remove or cover all food items. Also, cover all food contact surfaces (i.e.; equipment, benches, shelves - areas where exposed food may be handled, held, prepared, processed, or served). If left uncovered, these areas must be thoroughly cleaned by a method capable of removing chemical residues after treatment.

WAREHOUSES (Food): Zoecon RF-259 Emulsifiable Concentrate may be applied as a general surface, fogging, spot, or crack and crevice treatment in warehouses where packaged food items are stored in such a way that direct contact with the foodstuff is not anticipated.

STORAGE & DISPOSAL: Store in a cool area away from children. Do not reuse empty container. For container sizes < 1 gallon: Wrap container and put in trash collection. For container sizes > 1 gallon: Do not contaminate water, food, or feed by storage or disposal. Plastic Container Disposal - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Glass Container Disposal - Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved state and local procedures. Metal Container Disposal - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

GENCOR®, SAFROTIN®, and ZIGRON™ are trademarks of Sandoz Ltd.
[Turbocide GOLD® is a registered trademark of AgrEvo Environmental Health.]

Sandoz Agro Inc
1300 East Touhy Avenue
Des Plaines, Illinois 60018

EPA Reg. No. 2724-351
Made in USA

EPA Est. No.:

CORPORATE HEADQUARTERS

TEL. 847.699.1616

July 15, 1996

Document Processing Desk (NOTIF)
Office of Pesticide Programs H7504C
U.S. Environmental Protection Agency
Room 266A Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, Virginia 22202

ATTENTION: Janet Anderson/Director, PM 90

SUBJECT: NOTIFICATION OF LABEL CHANGE PER PRN 95-2
FOR ZOËCON RF-259 EMULSIFIABLE CONCENTRATE
EPA REG. NO. 2724-351

Dear Ms. Anderson:

Enclosed is completed EPA Form 8570-1 and five (5) copies of revised labeling for Zoecon RF-259 Emulsifiable Concentrate/EPA Reg. No. 2724-351. This label revision was initiated at the request of subregistrant, AgrEvo (Supplemental Distributor form copy included) and involves only specific references to their product name, an equivalent rate statement, and instructions for recommended spray equipment. Added text is shown in blue and noted as [optional marketing text]. There is no inconsistency or conflict with already approved label text. This DFU addition meets the criteria in 95-2, § 4 (Adding, Revising or Deleting Advisory Statements).

If you have any questions or if I can provide any further assistance, please, call me directly at 847/390-3823 (new area code). Thank you for your assistance in this matter.

Yours sincerely,
SANDOZ AGRO, INC.

Nancy Huebl

Nancy Huebl
Label Coordinator

enclosure

cc: J.G. Eitner/AgrEvo
S. Spaulding
C. Elmi/C. Boyd

BEST AVAILABLE COPY