

2724-351

2-17-2004

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{ } Indicates optional statements

### ZOECON RF-259 EMULSIFIABLE CONCENTRATE

with GENTROL® (ZIGRON™) Insect Growth Regulator

- Controls roach and stored product pest populations, drain flies, fruit flies, and bedbugs
- 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 pests, drain fly, fruit fly, and bedbug control
- Controls stored product pest and drain fly, fruit fly, and bedbug populations by disrupting normal metamorphosis
- Breaks the roach life cycle
- Kills {controls} stored product pests and drain and fruit fly, and bedbug {populations}
- Easy to apply
- Roach control for industrial and institutional use
- Use in {food areas {and non-food areas} of} food handling establishments {facilities}
- For fogging {space spraying} in large food handling establishments (warehouses)
- Kills fleas

**ACTIVE INGREDIENT:**

(S)-Hydroprene (CAS #65733-18-8).....9.0%

**OTHER INGREDIENTS\*:**.....91.0%

TOTAL 100.0%

\*Contains petroleum distillates

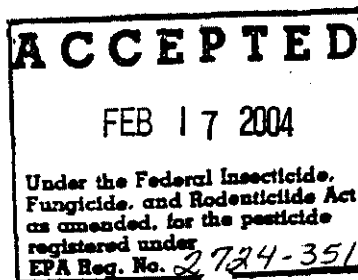
## KEEP OUT OF REACH OF CHILDREN

### CAUTION

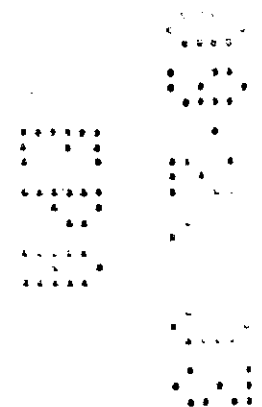
See back panel for additional precautionary statements

EPA Reg. No. 2724-351

NET CONTENTS:



EPA Est. No.



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**PRECAUTIONARY STATEMENTS**

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

<b>FIRST AID</b>	
Call a poison control center or doctor immediately for treatment advice.	
If swallowed	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give <b>any</b> liquid to the person. Do not give anything by mouth to an unconscious person.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes. Then continue rinsing eye.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-[phone number] for emergency medical treatment information	
<b>Note to Physician:</b> Contains petroleum distillates. Vomiting may cause aspiration pneumonia.	

[Note: First Aid statement paragraph format may be used if space is limited.]

**PHYSICAL OR CHEMICAL HAZARDS:** Do not use this product in or on electrical portions 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, drain flies, fruit flies, bedbugs, 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 and bedbugs exposed to the GENTROL® IGR will become adults incapable of reproducing. GENTROL also disrupts the normal life cycle of stored product pests, drain and fruit flies, and fleas; thus killing these insects during the pupal stage. In both cases, the cycle of an infestation ends. Use Zoecon RF-259 Emulsifiable Concentrate in apartment buildings, bakeries, bottling facilities, breweries, boiler rooms, cafeterias, candy plants, grocery stores, day care centers, hospitals, residential homes, hotel/motels, 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.

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Use Zoecon RF-259 as a general surface spray, fogging, spot, or crack and crevice application.

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:** Mix Zoecon RF-259 Emulsifiable Concentrate with water and apply 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:** Zoecon RF-259 Emulsifiable Concentrate may be tank mixed with ZOECON CATALYST® Insecticide or another adulticide currently registered for use, unless the product label prohibits such use. Use the resulting tank mixture 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. Apply 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 equipment manufacturer's instructions. Apply at a rate of 1 ounce Zoecon RF-259 Emulsifiable Concentrate {1 gallon dilution} per 12,000 cu ft. Zoecon RF-259 Emulsifiable Concentrate may be tank mixed with adulticides labeled for fogging. Follow the directions of the more restrictive label when tank mixing. Use water or oil as a diluent, depending on the type of equipment used. {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 2.0 g/1000 ft<sup>3</sup> (1 oz. per 12,000 ft<sup>3</sup>) diluting as required following the instructions of Turbocide GOLD spraying equipment.} Fogging applications are best 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.

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**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 pinpoint or variable spray pattern or a device capable of coating evenly. Make crack and crevice applications directly to areas such as crevices, baseboards, floors, ceilings, or walls. Make spot treatments to areas such as storage areas, closets, around water pipes, doors, windows, and behind and under appliances/equipment, furniture and beds. To treat bedbugs, apply to harborage points mentioned above; in addition, under beds, bottom side of box springs (do not treat linens and mattresses), under and behind night stands, to points where carpet and wall meet, cracks in cove base, molding, and other areas where bedbugs harborage.

**WAREHOUSES (Non-Food):** Apply Zoecon RF-259 Emulsifiable Concentrate 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:** Apply Zoecon RF-259 Emulsifiable Concentrate as a general surface, fogging (space spraying), 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).

**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.

**For control of drain flies, fruit flies:** Apply Gentrol to areas of fly breeding. For drains, apply product into and around the downspout and catch basin area. Coat these areas thoroughly as fly larva develop in the scum buildup on the sides of drain pipes. Repeat applications at 2 to 4 week intervals depending upon the severity of infestation.

**Alternate Directions for Foam Application:** Refer to the Dilution Preparation section of this label for appropriate dilution rate for Zoecon RF-259 Emulsifiable Concentrate. To convert Zoecon RF-259 Emulsifiable Concentrate dilution to a foam, add foaming agent at manufacturer's rate. For best results, use the higher amount of the foaming agent rate range. Follow the requirements of the foam equipment manufacturer.

**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.

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**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. Do not store food in open containers in treated pantries. 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):** Apply Zoecon RF-259 Emulsifiable Concentrate as a general surface, fogging {space spraying}, 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 AND DISPOSAL:** {Use one or the other Storage and Disposal section, depending on if consumer/household use or other (PCO)}.

Do not contaminate water, food, or feed by storage or disposal.

**Storage:** Store in a cool area away from children.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** For container sizes < 1 gallon: Do not reuse empty container. Securely wrap original container in several layers of newspaper and discard in trash. For container sizes > 1 gallon:

**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.

{For Household Use}

**Storage:** Store in a cool area away from children.

**Disposal: If empty:** Do not reuse this container. Place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

Never place unused product down any indoor or outdoor drain.

{Storage and Disposal for Turbocide GOLD product label}

**{Pesticide Storage:** The cylinder must be checked periodically. A defective cylinder should not be used. A cylinder that has parts missing, is worn or is distorted should be replaced immediately. Store upright in a cool and dry area.

**Pesticide Disposal:** Pesticide that cannot be used according to label instructions must be returned to the point of purchase in its original container.

**Container Disposal:** This cylinder must not be disposed of in any manner. Cylinders must be returned to point of purchase for credit. All cylinder, valves and caps remain the property of the manufacturer. Federal regulations prohibit the refilling of cylinders without written consent of the manufacturer.}

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For information, call {phone number} or visit our Web site: {URL}.

GENTROL® Insect Growth Regulator, ZOECON® CATALYST® Insecticide, and ZIGRON™ Insect Growth Regulator are trademarks of Wellmark International.  
[Turbocide GOLD® is a registered trademark of AgrEvo Environmental Health.]

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