

RESTRICTED USE PESTICIDE

For retail sale, use only by Certified applicators or persons under their direct supervision and only for those uses authorized 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-methylheptyl 3-
[[[methylamino]methoxy]phosphinothioyl
oxy] 2-butenoate]..... 59.7%

Hydroquinone [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.

Hydroquinone

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
Use 1 oz. per gallon	
0.5% concentration of propetamphos	of water per 1500 sq.ft.
Use 2 oz. per gallon	
1.0% concentration of propetamphos	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, Fleas, Millbugs, Sowbugs and Silverfish: Apply as a 0.5%-1.0% propetamphos spot or crack and crevice treatment where these pests normally occur such as those indicated above for cockroaches. For control of ants, apply spray mix to ant trails, around doors and windows and other places where ants may enter structures.

Carpenter Ants: For initial cleanout, apply a 1.0% propetamphos spot treatment to ant trails, around doors and windows, in wall voids and other places where ants are found or may enter the premises. Where accessible, treat ant nests or infested wood directly. Infestation is normally brought under control with one cleanout treatment. However, in cases where low infestation levels persist, follow up cleanout with monthly treatments of 0.5% propetamphos spot applications until infestation is completely controlled.

Spiders: Apply as a 1.0% propetamphos spot or crack and crevice treatment around windows and doors, along baseboards and in corners. Make a spot application to other areas where spiders are seen or suspected.

Fleas: Apply as a 0.5% propetamphos fine 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 one gallon 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. Carpet bedding should be removed and replaced with clean fresh bedding. If premises are treated, do not treat pets with this product. All persons and pets out of treated area until spray mixture has dried.

Brown Dog Ticks: Apply as a 0.5%-1.0% propetamphos fine spray to infested areas such as those indicated above for fleas. Allow 48 hours of exposure to treated surfaces for control to be evident. Do not treat pets with this product. Keep all persons and pets out of treated area until spray mixture has dried.

Carpet Beetles: Apply as a 0.5%-1.0% propetamphos spot application along baseboards and edges of carpeting, under rugs and furniture and in closets or shelving where these insects are seen or suspected.

Boxelder Bugs, Earwigs, Ground Beetles: Apply as a 1.0% propetamphos spot or crack and crevice treatment around windows, doors and along baseboards. Make a spot application to other areas where these insects are seen or suspected.

Pantry Pests - Exposed Stages (Sawtoothed Grain Beetle, Red Flour Beetle, Confused Flour Beetle, Cigarette Beetle): Remove all foodstuffs, utensils and shell paper from area to be treated. Discard used shell paper and any infested foodstuffs. Apply a 1.0% propetamphos spray to shelves and cupboards. Allow spray to dry. Apply fresh shell paper prior to replacement of food and utensils.

Storage & Disposal: Do not contaminate water, food, or feed by storage or disposal. Storage: Store in a cool, dry and well-ventilated area away from humans, pets, foodstuffs and feed. Do not store near heat or open flame. Pesticide Disposal: Pesticide wastes are toxic. Improper disposal or excess pesticide, spray mixture, or rinseate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Metal Container Disposal: Triple rinse. 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. Glass Container Disposal: Triple rinse. Then dispose of in a sanitary landfill, or by other approved state and local procedures. 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.

ZOECON CORPORATION
A Sandoz Company
12200 Denton Drive, Dallas, Texas 75234

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EPA Est
Made in USA
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EPA # 2724-355

Ants, Crickets, Fleas, Pillbugs, Spiders and Silverfish: Apply as a 0.5E-1.0E propoxaflumet spot or crack and crevice treatment where these pests normally occur such as those indicated above for cockroaches. For control of ants, apply spray to soil trails, around doors and windows and other places where ants may enter structures.

Carpenter Ants: For initial treatment, apply a 1.0E propoxaflumet spot treatment to soil trails, around doors and windows, in wall voids and other places where ants are found or may enter the premises. Where accessible, treat soil trails or infested wood directly. Infestation is normally brought under control with one treatment. However, in cases where low infestation levels persist, follow up treatment with monthly treatments of 0.5E propoxaflumet spot applications until infestation is completely controlled.

Spiders: Apply as a 1.0E propoxaflumet spot or crack and crevice treatment around windows and doors, along baseboards and in corners. Make a spot application in other areas where spiders are seen or suspected.

Fleas: Apply as a 0.5E propoxaflumet fine 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 one gallon of finished spray per 1000 sq. ft. Entire rug may be treated. Pet beds and upholstered seating 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.

Brown Dog Ticks: Apply as a 0.5E-1.0E propoxaflumet fine spray to infested areas such as those indicated above for fleas. Allow 48 hours of exposure to treated surfaces for control to be evident. Do not treat pets with this product. Keep all persons and pets out of treated area until spray mixture has dried.

Carpenter Beetles: Apply as a 0.5E-1.0E propoxaflumet spot application along baseboards and edges of carpeting, under rugs and furniture and in closets or shelving where these insects are seen or suspected.

Roach Control: Apply as a 1.0E propoxaflumet spot or crack and crevice treatment around windows, doors and along baseboards. Make a spot application in other areas where these insects are seen or suspected.

Roach Control - Treated Stages (Untreated Green Beetle, Red Flour Beetle, Confused Flour Beetle, Ligarette Beetle): Remove all foodstuffs, utensils and shell paper from areas to be treated. Discard used shell paper and any infested foodstuffs. Apply a 1.0E propoxaflumet spray to shelves and cupboards. Allow spray to dry. Apply fresh shell paper prior to replacement of food and utensils.

STORAGE & DISPOSAL: Do not recontaminate water, food or feed by storage or disposal. Store in a cool, dry and well-ventilated area away from humans, pets, foodstuffs and feed. Do not store near heat or open flame. **Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal or excess pesticide, spray mixture, or residue is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance. **Waste Container Disposal:** Triple rinse. 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. **Slits (Container Disposal):** Triple rinse. Then dispose of in a sanitary landfill, or by other approved state and local procedures. **Plastic Container Disposal:** Triple rinse for 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.

WARRANTY AND LIMITATION OF REMEDY: Zoccon Corporation warrants that the chemical composition of this product conforms to the chemical description on the label and is equivalent to that for the purpose stated on the label when used in accordance with directions under normal conditions of use. Zoccon makes no other warranty, express or implied, concerning the use of this product other than that indicated on the label. We disclaim all other warranties, express or implied, of this product not in strict accordance with directions given on the label.

Zoccon Corporation
A Sandoz Company
12200 Denton Drive, Dallas, Texas 75244

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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 GRENDA[®] 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

Rational approach to roach control

ACTIVE INGREDIENTS:

Propoxaflumet [(E)-1-methylethyl]-	
[[[ethylammonium]m[ethoxyphosphinoyl]oxy]-2-butylamino].....	59.38
Hydroxyone [(E)-1,3,2,11-tetrahydro-2,4-dioxocyclopenta].....	2.28
INERT INGREDIENTS.....	38.34
TOTAL.....	100.00

KEEP OUT OF REACH OF CHILDREN

WARNING

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

NET CONTENTS:

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ACCEPTED
24 MAR 1988

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide 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 where food is exposed. Avoid contamination of food, furniture or water supply. Do not spray in areas such as computers, meter 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 to an unconscious person. If on skin, wash with plenty of soap. Get medical attention. If in eyes, flush with plenty of water. physician if irritation persists.

NOTE TO PHYSICIAN: Zoccon RF-270 is an organophosphate insecticide-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 to see include headache, blurred vision, weakness, nausea, discomfort in the chest, sweating, 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: Zoccon RF-270 provides effective control of listed pests in and on buildings and structures and their immediate surroundings and on modes of transportation. Restricted sites of application include but are not limited to homes, apartment buildings, stores, warehouses, schools, nursing homes, hospitals, industrial buildings, vessels, rail cars, trucks, trailers and aircraft. Zoccon RF-270 may also be used in non-food areas of food handling establishments. Zoccon 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 spray to a space spray. Zoccon RF-270, in recommended dilutions, is non-toxic and does not cause damage to fabrics, plastics, paints or other surfaces which cannot be damaged by the carrier alone.

GRENDA is unique in that it eliminates roach populations without directly poisoning like conventional insecticides. This rationalized formulation is also unique in that it is slower to insert growth hormones that occur naturally in insects. GRENDA effectively controls roach populations by interrupting reproduction. One to two weeks after application, you will begin to see roaches with crippled wings - showing the effects of GRENDA. These roaches cannot reproduce. Immature roaches are prevented from reaching reproductive adults, thereby effectively breaking the roach life cycle!

Specific Instructions: Prepare a Zoccon RF-270 spray-mix equal to a concentration of propoxaflumet per gallon of finished solution according to following dilution table:

To make 1 gallon of finished spray equal to:	Dilution Rate
0.5E concentration of propoxaflumet	Use 1 oz. per gallon of water per 1500 sq. ft.
1.0E concentration of propoxaflumet	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 1.0E propoxaflumet 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 along the underside of shelves, drawers and other areas. The products containing only GRENDA every 120 days (4 months)(17 weeks) to effectively control your roach problem.