



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

JUN 8 1994

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OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

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

Dear Mr. Spaulding:

Subject: Use Deletions  
Safrotin Emulsifiable Concentrate Insecticide  
EPA Registration No. 2724-314  
Labeling Submitted January 20, 1992

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

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

The Statement of Restricted Use Classification must be updated in accordance with PR Notice 93-1. A copy of this Notice is enclosed for your reference.

If this condition is 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 this condition.

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)

**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.

# SAFROTIN EMULSIFIABLE CONCENTRATE INSECTICIDE

For Control of Cockroaches and Other Pests

**ACTIVE INGREDIENT:**  
 propetamphos [(E)-1-methylethyl 3-  
 [(ethylamino) methoxyphosphinothioy-  
 oxy]-2-butenoate]..... 50.0%  
**INERT INGREDIENTS\***..... 50.0%

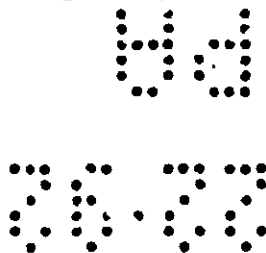
\*contains petroleum distillates

**KEEP OUT OF REACH OF CHILDREN**

## WARNING

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

## NET CONTENTS:



ACCEPTED  
 with COMMENTS  
 in EPA Letter Dated

JUN 8 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 2724-314

**PRECAUTIONARY STATEMENTS AND FIRST AID TREATMENTS - HAZARDS TO HUMANS AND DOMESTIC ANIMALS - WARNING:** Harmful or fatal if swallowed, inhaled or absorbed through skin, eyes or clothing. In the case of any suspected poisoning, either internal or external, consult a physician immediately. If swallowed, drink one to two glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. If patient is not breathing, start artificial respiration immediately.

**NOTE TO PHYSICIAN:** Propetamphos, an organophosphate compound, is a cholinesterase inhibitor. Atropine with 2-PAM is the emergency antidote if symptoms of cholinesterase inhibition are present.

Avoid breathing vapor or spray mist. In case of skin contact, remove patient from area. Remove all contaminated clothing and wash skin gently and repeatedly with soap and water. In case of eye contact, flush immediately with water. Continue flushing for at least 15 minutes.

**PHYSICAL AND CHEMICAL HAZARDS:** Do not use, pour, or store near heat or open flame. Preparation of the spray mixture and loading of application equipment must be done in open air. In case of prolonged exposure, wear rubber gloves, protective clothing, and goggles. Wash hands, arms, and face thoroughly with soap and water before eating or smoking. Wash all contaminated clothing with soap and hot water before re-use. In case of spillage, cover with an absorbent material such as clay or sawdust. Sweep up and bury. Then wash area with a strong detergent.

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

**General Information:** SAFROTIN 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. SAFROTIN may also be used in food handling establishments. SAFROTIN mixes easily with water or oil (deodorized kerosene or other suitable base oil) 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 the uneven distribution of product. Do not apply as a space spray. SAFROTIN 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. Do not apply water-base sprays of this product where electrical short circuits might result. If there is a need to treat such areas, use only oil-base sprays.

**Specific Instructions:** Prepare a SAFROTIN spray-mix equal to a 0.5-1.0% concentration of active ingredient 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	Use 1.25 oz. per gallon of water or oil
1.0% Concentration	Use 2.50 oz. per gallon of water or oil

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, Ants, Crickets, Firebrats, Pillbugs, Sowbugs, and Silverfish:** Apply as a 0.5%-1.0% a.i. 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. 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% a.i. 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 nest 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% a.i. spot applications until infestation is completely controlled.

**Spiders:** Apply as a 1.0% a.i. 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% a.i. upholstered furniture, taking furniture and under edges approximately 1 gal. of finish treated. Pet beds and frequent crevices should also be treated with clean fresh bedding after product. Keep all persons and dried.

**Brown Dog Ticks:** Apply as such as those indicated above treated surfaces for control to Keep all persons and pets out.

**Carpet Beetles:** Apply as a 0.5% a.i. and edges of carpeting, under where these insects are seen. **Boxelder Bugs, Earwigs, G** crack and crevice treatment. Make a spot application to suspected.

**Pantry Pests-Exposed Star Beetle, Confused Flour Beetle, etc.** utensils and shelf paper from and any infested foodstuffs cupboards. Allow spray to dry of food and utensils.

**Food Handling Establishments:** application is limited to spot include areas for receiving, boxing), preparing, edible w (mills, dairies, edible oils, syr facility is in operation are also spray-mix diluted with water directly into cracks and crevices pinstream of insecticide in po between equipment and floor in walls, equipment legs an Firebrats, Spiders and Crickets areas where any of the above closets, around water pipe refrigerators, cabinets, sinks, shelves, drawers and similar contamination of food and lo needed but not more than o diluted spray mixes in food are EC is authorized by the USDA plants. For applications in ne refer to instructions given ab

## STORAGE & DISPOSAL

or feed by storage or dispos area away from humans, pets open flame. **Pesticide Dis** disposal of excess pesticide, Law. If these wastes cann instructions, contact your Stat the Hazardous Waste repres guidance. **Metal Container** or reconditioning, or puncture procedures approved by st **Disposal:** Triple rinse. The approved state and local pro rinse (or equivalent). Then o and dispose of in a sanitary local authorities, by burning.

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 EPA Reg. No. 2724-314  
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**BEST AVAILABLE COPY**