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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 15 1990

#5383134

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

Gentlemen:

Subject: Safrotin Emulsifiable Concentrate Insecticide
EPA Registration No. 2724-314
Your Label Amendment Dated September 10, 1990

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you submit five (5) copies of your final printed labeling incorporating the following correction before you release the product for shipment.

- Since you have indicated in your letter of September 10, 1990 that the ventilation instructions pertain to the treatment for fleas and ticks, these instructions should be qualified accordingly.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of this condition.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

BEST AVAILABLE COPY

Marilyn A. Mautz
Acting Product Manager (16)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

56288:I:Mautz:LI6-16:KMNCO:10/01/90:11/09/90:CL:VO:IK:CL:vo:de

CONCURRENCES								
SYMBOL								
SURNAME								
DATE								

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) methoxyphosphinothioyl] oxy]-2-butenoate]	50.0%
INERT INGREDIENTS*	50.0%

*contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN

WARNING

ACCEPTED
with COMMENTS
In EPA Letter Dated:

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

OCT 15 1990

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

NET CONTENTS:

PRECAUTIONARY STATEMENTS AND FIRST AID TREATMENT

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.

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.

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.

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 and on buildings and structures and their immediate surroundings and on modes of transportation. Permitted 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. **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.

Following treatment, instruct occupant to thoroughly ventilate treated areas before they are reoccupied. Buildings, such as office buildings with restricted air flow should have the ventilation system adjusted to include outside air for 24 hours.

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. 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 1 gal. 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. Old bedding should be removed and replaced with clean fresh [illegible] pets with this product. Ke[illegible] spray mixture has dried.

Brown Dog Ticks: Apply [illegible] such as those indicated a[illegible] treated surfaces for cont[illegible] product. Keep all persons[illegible] has dried.

Carpet Beetles: Apply [illegible] baseboards and edges of [illegible] or shelving where these [illegible]

Boxelder Bugs, Earwigs[illegible] crack and crevice treatme[illegible] Make a spot application [illegible] suspected.

Pantry Pests-Exposed S[illegible] Beetle, Confused Flour [illegible] utensils and shelf paper fr[illegible] and any infested foodstu[illegible] cupboards. Allow spray to[illegible] of food and utensils.

Food Handling Establish[illegible] application is limited to sp[illegible] include areas for receivin[illegible] boxing), preparing, edible[illegible] (mills, dairies, edible oils, [illegible] facility is in operation a[illegible] **SAFROTIN** spray-mix dil[illegible] small amounts directly int[illegible] delivering a pinstream of [illegible] construction, between equ[illegible] hollow spaces in walls, eq[illegible] Silverfish, Firebrats, Spide[illegible] made to areas where an[illegible] storage areas, closets, an[illegible] under refrigerators, cabi[illegible] underside of shelves, d[illegible] applications to avoid con[illegible] Repeat treatment as need[illegible] use **SAFROTIN** oil dilut[illegible] establishments. **SAFRO[illegible]** federally inspected meat [illegible] areas of food handling e[illegible] the pest in question.

STORAGE &

food or feed by storage[illegible] ventilated area away from[illegible] near heat or open flame.[illegible] improper disposal of exce[illegible] of Federal Law. If these[illegible] to label instructions, cont[illegible] Agency, or the Hazard[illegible] Regional Office for guid[illegible] Then offer for recycling [illegible] sanitary landfill, or by [illegible] authorities. **Glass Conta[illegible]** sanitary landfill, or by od[illegible]

Container Disposal: Tri[illegible] or reconditioning, or pu[illegible] incinerate, or, if allowed[illegible] burned, stay out of smo[illegible]

12200 D[illegible]
EPA Reg. No. 2724-314
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