

JAN 7 1992

Shoo-Fly, Inc.  
c/o Ms. Peggy M. Galloway  
Landis International, Inc.  
3025 Madison Highway  
P.O. Box 5126  
Valdosta, GA 31603-5126

Dear Ms. Galloway:

Subject: Revised Labeling: Signal Word  
Shoo-Fly Concentrate I  
EPA Reg. No. 48665-2  
Submission dated December 4, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

1) It is understood that this product is identical to EPA Reg. No. 1021-1544, therefore the signal word "Danger" is the correct signal word as indicated by the results of the acute toxicology submitted for Reg. No. 1021-1544 in accordance 40 CFR 156.10. The "Caution" in the Hazards to Humans and Domestic Animals paragraph should also be changed to "Danger" and the corresponding precautionary statement should be upgraded to indicate: "Corrosive, Causes irreversible eye damage." It is furthermore understood that this label will replace all previously approved labels.

2) You must add the following precautionary statements:

"In hospitals, remove patients prior to treatment. Ventilate area for 2 hours before returning patients."

"In horse barns, not for application if horses will be used for food."

3) Modify your Environmental Hazards Statement by incorporating the following statement: "Do not apply

directly to water, except as indicated in the Directions for Use."

4) You should submit a revised Confidential Statement of Formula (EPA Form 8570-4, rev. '85) to complete your file.

Sincerely,



Richard F. Mountfort  
Product Manager (10)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

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# CONCENTRATE I

Authorized by U.S.D.A. for use in all areas of official establishments operating under the Federal meat, poultry, shell egg grading, and egg products inspection programs. Category F-1.

## A Water Emulsifiable Insecticide Concentrate

For use in Bakeries, Bottling Plants, Canneries, Flour Mills, Food Processing Plants, Hospitals, Hotels, Restaurants, Schools, Horse Barns, Dairy and Hog Barns, Kennels, and Other Farm Structures or Buildings Housing Animals, and Ornamental Plants in Homes, Gardens and Greenhouses.

Pyrethrins	3.00%
Piperonyl butoxide, technical	70.00%
INERT INGREDIENTS	27.00%
	100.00%

\* Equivalent to 24% (butylcarbitol) and 10% propylene glycol and to 6% related compounds

**APPROVED**  
In EPA Label dated  
**07 JAN 1992**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
**48665-2**

**KEEP OUT OF REACH OF CHILDREN  
DANGER**  
See last panel for additional precautions

EPA Registration No. 48665-2      EPA Est. No. 1021-MN-01

NET CONTENTS 1 GALLON



9400 N.W. 121 Ave.  
Ocala, FL 32675  
(904) 351-5858  
1-800-248-5858

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with labeling.

To prepare dilutions the concentrate should first be stirred or agitated well. Add the required amount of concentrate to water and blend thoroughly. This will produce a stable micro-emulsion.

The insecticidal components of this concentrate, pyrethrins and piperonyl butoxide, are classified as food additives, and when used as directed allowable tolerance levels will not be exceeded.

### INDOOR APPLICATION:

To control exposed stage of houseflies, including fruit flies, mosquitoes, gnats, and small flying moths dilute 1 part concentrate in 59 parts water (2.1 ounces per gallon). Close doors and windows and shut off ventilating systems. Apply as a fog or fine mist, directing the spray toward the upper portions of the room and toward windows and other light sources which attract these insects.

Thoroughly fill the area with mist using 1 to 2 ounces per 1000 cubic feet. Keep area closed for 10 minutes or more. Vacate after treatment and ventilate before reoccupying. Repeat treatment as needed.

For use through overhead applicators, dilute one part concentrate in 39 to 59 parts water (3.3 to 2.1 ounces per gallon). Use higher concentration under heavy infestation.

For initial clean-out of infestations of cockroaches, ants, spiders, silver fish, crickets, boxelder bugs, scorpions, and clover mites: Dilute 1 part concentrate in 14 parts water (8.5 fluid ounces per gallon). Apply as a coarse droplet spray using approximately 1 gallon to 750 square feet. Spray thoroughly all surfaces where these insects are usually found including walls, baseboards, moldings, doors, cabinets, shelves, sinks and pipes, with special attention to cracks and crevices, closets, dark corners, drains and similar hiding places. Treat ant trails, nests and runs. When possible, spray insects directly.

Repeat treatment using a dilution of 1 plus 29 (4.3 fluid ounces per gallon) at the same rate of application after an interval of one month or when reinfestation occurs.

**IN MILLS, ELEVATORS AND GRANARIES:** For rapid initial kill of exposed or accessible stages of granary weevil, rice weevil, confused flour beetles, rust red flour beetle, cadelle, sawtoothed grain beetle, cheese mites and grain mites: dilute at a rate of 1 part concentrate to 29 parts water (4.3 fluid ounces per gallon). Clean out any waste grain, dust, dirt or debris and destroy before spraying. Apply as a coarse droplet spray using approximately 1 gallon to 750 square feet of surface.

Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this use.

In mills, elevators and granaries, thoroughly spray floors, walls and other surfaces of bins, storage and handling areas with particular attention to cracks, crevices, and similar protected locations. Treat unloading, handling and processing areas, and apply the insecticide to conveying, processing and handling equipment such as the inside of reel conveyors, purifier conveyors, sifters, roll housings and hop pers, pick up conveyors, etc. Spray thoroughly around the base of heavy machinery and equipment.

Thoroughly treat walls, floors, shelves and other exposed surfaces, and lightly spray each layer of cartons or containers as stacked.

Sack surfaces of bagged grain can be sprayed lightly until slightly moist.

For protection in transit, treat truck beds, box cars, and ships' holds before loading.

Using a dilution of 1 part concentrate in 29 parts water (4.3 fluid ounces per gallon), apply at a rate of 1 gallon to 750 square feet of surface with particular attention to cracks, crevices, and similar hiding places.

To control exposed accessible stages of Indian meal moth and Angor moths grain moth in stored grain. Dilute 1 part of concentrate in 17 parts of water (8.5 fluid ounces per gallon) and apply to the surface of the binned grain at a rate of 2 gallons per 1000 square feet (1.6 pints per 100 square feet). Apply at monthly intervals beginning with the first appearance of moths and continuing until early fall. In case of severe infestation, break up webbing with rake before spraying and make a second application in two weeks.

### ON HORSES:

To control horn flies, house flies, mosquitoes and gnats, dilute at the rate of 1 part concentrate to 119 parts water (1 fluid ounce per gallon) and apply to wet the hair thoroughly with particular attention to the topline, underline, flanks, withers, and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed when flies are emerging in large numbers.

To control stable flies, horse parts water, (4.3 fluid ounces per gallon) and wet the hair thoroughly with particular attention to the other body areas commonly affected as needed.

### ON PETS:

To kill fleas and lice on pets, dilute at 1 to 29 in water and wet the animal against fleas and ticks on dogs also be treated.

To control spinose ear tick, dilute at 1 to 29 in water and wet the animal. Repeat as necessary.

**MOSQUITO CONTROL OUTDOOR:** To control adult mosquitoes, use 4 parts water (25.6 fluid ounces per gallon) and apply to any body of water.

For use through overhead applicators, dilute one part concentrate in 39 to 59 parts water (3.3 to 2.1 ounces per gallon). Use higher concentration under heavy infestation.

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Application using fixed wing aircraft, 100 to 200 gallons per acre.

To control mosquito larvae dilute water and apply at a rate of 5 to 10 gallons per acre. Swarming or fish kill may result.

**STORAGE AND DISPOSAL:**  
Do not contaminate water, food, or feed.

**PESTICIDE DISPOSAL:**  
Pesticide, spray mixture or rinsate may be disposed of on land.

**CONTAINER DISPOSAL:**  
Triple rinse (or equivalent) and dispose of in a sanitary fashion. Do not reuse.

**PRECAUTIONS:**  
Hazard to humans and animals.

Harmful if swallowed or absorbed. Avoid contact with skin and eyes. If contact occurs, wash with plenty of water. Do not induce vomiting.

Do not apply directly to food. Remove any food and food processing equipment where exposed to surfaces and utensils should be cleaned before use.

Remove pets and birds, cover.

**ENVIRONMENTAL HAZARDS:**  
Do not apply outdoors when wind is blowing. Apply directly to water or disposal of wastes. Apply if necessary.

Buyer assumes all risks of use in accordance with directions given.