

- b. Quality your site designation to exclude USDA meat and poultry processing plants.

You may submit your application to:

Mr. Charles Edwards  
Compound Evaluation Laboratory  
Scientific Services, FSQS  
Food Ingredient Assessment Division  
U.S. Department of Agriculture  
Building 306, BARC - East  
Beltsville, MD 20705  
301/344-2566

Submit a copy of the approved application to EPA for your file.

The precautionary statement should be revised to read similar to the following:

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Remove pets, birds and cover fish aquaria before spraying. Do not breathe spray mist. Wear mask or respirator of a type recommended by the U.S. Bureau of Mines to give adequate protection against this material. Wear protective clothing. Wash exposed skin surfaces with soap and water after handling and before eating or smoking. Wash all contaminated clothing with soap and water before reuse.

Do not apply directly to food. In commercial food handling facilities, cover or remove any food and food processing equipment during application. Do not apply while food processing is under way. After space spraying in meat packing plants, bakeries, and other food processing plants, these areas should be ventilated to remove insecticide odors, and the facilities and equipment thoroughly washed with an acceptable detergent solution and rinsed with potable water to remove all traces of contamination. All food processing surfaces and utensils should be covered during treatment and thoroughly washed with an acceptable detergent and rinsed with water.

4. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

SECRET - UNCLASSIFIED COPY

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Timothy A. Gardner  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

AH

Enclosure

RD/IRB:JOB:51415:A.Heyward:RD-85/02:eg:Kendrick & Co:898-1270:4/13/85:Del.5/11/85

RECEIVED  
MAY 11 1985

#### DIRECTIONS FOR USE

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

For maximum effectiveness, a combination of localized surface application and space treatment is recommended.

**AS A SURFACE SPRAY:** For initial clean up of severe insect infestation, dilute at a rate of 1 part concentrate in 14 parts water (6.5 fluid ounces per gallon). This dilution may not be used in edible product areas of Federally inspected meat and poultry plants. In these plants and for normal infestations dilute 1 part concentrate in 29 parts water (4.3 ounces per gallon).

To control cockroaches, ants, silverfish, spiders, crickets, clover mites, cheese mites, granary weevils, rice weevils, confused flour beetles, rust red flour beetles, sawtoothed grain beetles, spider beetles, cigarette beetles, drugstore beetles, meal worms, grain mites and cadellies: Use a good sprayer adjusted to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery, behind shelves and drawers. Spray bookcases for silverfish. Spray ant trails, nests and points of entry. If surface application only is to be used, spray floors, walls and other surfaces applying at a rate of 1 gallon to 750 square feet of surface.

To control carpet beetles, spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets and infested areas of shelving. Repeat treatment as needed.

To control bedbugs: Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Repeat treatment as needed.

To control fleas, and brown dog ticks: Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames and localized areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. To kill fleas and ticks on cats and dogs, and to obtain protection against reinfestation, dilute at 1 part concentrate to 49 parts water (2.5 fluid ounces per 1 gallon) and wet the animal by dipping or spraying.

EPA Reg. No. 1041-  
EPA Est. No. 1041-PA-1

# ELCO

## AQUEOUS INSECTICIDE E.C.

#### AN INSECTICIDE SPRAY CONCENTRATE.

FOR USE IN FOOD PROCESSING AND STORAGE, MUSHROOM HOUSES, HOSPITALS, HOTELS, MOTELS, RESTAURANTS, OTHER INSTITUTIONS AND IN RESIDENCES.

Authorized for use in all departments of official establishments operating under the meat, poultry, shell egg grading and egg products inspection programs.

PROVIDES RAPID KILL OF INSECTS WITHOUT LEAVING OBJECTIONABLE RESIDUES.

Food additive tolerances have been established for the insecticide components in this product. When this product is used as directed, allowable tolerance levels will not be exceeded.

Kills Gypsy Moth Caterpillars and Japanese Beetles

#### ACTIVE INGREDIENTS:

Pyrethrins	3.0%
*Piperonyl Butoxide, Technical	30.0%
Petroleum Distillate	12.0%
INERT INGREDIENTS:	55.0%
	100.0%

\*Equivalent to 24% (butylcarbityl) (6-propylpiperonyl) ether and 6% related compounds.

PYRENONE—Registered trademark of Fairfield American Corporation

KEEP OUT OF REACH OF CHILDREN  
CAUTION

See side panel for additional precautions

ELCO MANUFACTURING COMPANY  
111 THIRD STREET  
PITTSBURGH, PA 15215

AS A SPACE SPRAY: Dilute to 59 parts water (1.7 fluid ounces per gallon) with mechanical or chemical (non-thermal) adjusted to deliver through windows and shut off for control of adult house flies, skipper flies, wasps, Mediterranean flour tobacco moths. Directly contributing it uniformly through 1 ounce per 1000 cubic feet for at least 10 minutes before reoccupy.

For rapid kill of exposed insects named on this label in 5-29 parts water (4.3 ounces per gallon) using conventional mechanical (non-thermal), fogging. Apply the above dilution at a rate of 1 ounce per 1000 cubic feet and poultry processing equipment 1 to 5 is acceptable and adjustment adjusted to deliver over 50 microns in diameter (50 microns).

**IN MUSHROOM PRODUCTION:** To control adult Muscivora, Phoridae, Sciardids, and other insects. Dilute 1 part concentrate to 59 parts water (1.7 fluid ounces per gallon). Use fogging equipment (non-thermal) apply at a rate of 1 ounce per 1000 cubic feet. Fogger should be open and directed slightly upwards. Equipment should be left in operation until use at a rate of 1 ounce per 1000 cubic feet.

**OUTDOORS:** To kill gypsy moth caterpillars on contact. Apply concentrate per 1 gallon coverage of upper and lower surfaces.

On Trees and Shrubs: Apply as insects emerge (use dense foliage for necessary for control).

On Roses and In Flowering plants: Apply to flowers as soon as they appear, making sure to apply every 7 days.

REPTILES & AMPHIBIANS

SEE

**DISPOSAL**

Do not reuse empty container. Wrap container and put in trash collection.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Remove pets, birds and cover fish aquaria before spraying. Do not breathe spray mist. Wear mask or respirator of a type recommended by the U.S. Bureau of Mines to give adequate protection against this material. Wear protective clothing. Wash exposed skin surfaces with soap and water after handling and before eating or smoking. Wash all contaminated clothing with soap and water before reuse.

Do not apply as a space spray while food processing is underway. Except in Federally inspected meat and poultry plants, when applied as a surface spray with care and in accordance with the directions and precautions given above, food processing operations may continue. Do not apply at any time as a undilute space spray. In edible product areas of Federally inspected meat and poultry plants. Foods should be removed or covered before treatments. Thoroughly wash all food processing surfaces before reuse. All surfaces in processing areas must be washed and rinsed in potable water after spraying.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes, and estuaries. Do not contaminate water by cleaning of equipment or disposal of wastes.

**CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

Buyer assumes all risks of use, storage or handling of this product not in strict accordance with directions given herewith.

BEST AVAILABLE COPY

ACCEPTED  
with COMMENTS  
to EPA Letter Dated:

APR 16 1985

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EPA  
EPA  
EPA

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CODE 72800

# OUTDOOR AND HORTICULTURAL EMULSION

APR 5  
U.S. DEPARTMENT OF AGRICULTURE  
FUNGICIDE REGISTRATION DIVISION  
WASHINGTON, D.C. 20250  
EPA Reg. No. 4816-674

## DIRECTIONS FOR USE

EPA Reg. No. 4816-674 EPA Est. No. 279-NY-1

A PYRENONE® Insecticide Concentrate

Contains Natural Pyrethrum

Kills Gypsy Moth Caterpillars and Japanese Beetles

Dilute With Water for Use on Vegetable and Ornamental Plants and Shade Trees

Controls Listed Crawling and Flying Insects on Porches and Patios, In and Around Garages and Around the Yard

Quick-Acting - Leaves No Harmful Residues

Acceptable for Use to Day of Harvest on Edible Plants

ACTIVE INGREDIENTS:

Pyrethrins.....	3.0%
*Piperonyl Butoxide.....	30.0%
INERT INGREDIENTS.....	67.0%
	100.0%

\*Equivalent to min. 24% (butylcarbityl) (6-propylpiperonyl) ether and to 6% related compounds.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
See rear panel for additional precautions.

PYRENONE - Registered Trademark of Fairfield American Corporation

BATCH

Printed in U.S.A.

NET CONTENTS \_\_\_\_\_

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

Use outdoors and in greenhouses throughout the growing season or as a preharvest treatment when other insecticides are prohibited due to residue restrictions and use limitations.

To control listed insects: combine 1.0 fluid ounce of emulsion per 1 gallon of water. Apply to insure thorough coverage of upper and lower surfaces.

### VEGETABLES

**CROPS:** asparagus, beans, broccoli, brussels sprouts, cabbage, cauliflower, celery, collards, cranberries, cucumbers, eggplant, kale, lettuce, melons, mustard greens, peppers, potatoes, radishes, spinach, squash, sweet corn, tomatoes and turnips.

**INSECTS CONTROLLED:** aphids, asparagus beetles, blister beetles, cabbage loopers, Colorado potato beetles, cross-striped cabbage worms, diamondback caterpillars, flea beetles, green peach aphids, harlequin bugs, imported cabbageworms, Japanese beetles, leafhoppers, leaf-tiers, Mexican bean beetles, stink bugs, 12-spotted cucumber beetles, webworms and whiteflies.

### ORNAMENTALS, TREES, SHRUBS AND ROSES

Apply as a fine mist, spraying plants on the upper and lower leaf surfaces.

**INSECTS CONTROLLED:** aphids (red, black and green peach), bagworms, thrips, flea beetles, Japanese beetles, lace bugs, leafhoppers, leaf rollers, leaf-tiers, mimosa webworm larvae, plant bugs and whiteflies. Repeat treatment weekly, or as needed to control infestations.

To kill gypsy moth caterpillars and adults, adult Japanese beetles and Eastern and forest tent caterpillars on contact:

**On Trees and Shrubs:** Treat trees and shrubs as soon as insects emerge (usually late spring). Treat leaves, branches and tree trunks evenly, making sure to penetrate dense foliage. Repeat application every 7 days as necessary for control.

**On Roses and in Flower Gardens:** Treat plants and flowers as soon as insects appear. Spray plants and flowers making sure to penetrate dense foliage. Repeat application every 7 days or as necessary for control.

### YARDS, PORCHES, PATIOS AND GARAGES

Spray the surface areas and hit the insects whenever possible.

**Ants:** Spray trails, nests and points of entry. Spray on ants where possible. Repeat if necessary.

**Wasps & Hornets:** Apply at dusk when insects are at rest. Spray liberally into hiding and breeding places contacting as many insects as possible. Repeat if necessary.

**Spiders:** Spray directly on spiders and web. Repeat if necessary.

**AS A SURFACE SPRAY:** For initial clean-up of severe insect infestation, dilute at a rate of 1 part concentrate in 14 parts water (8.5 fluid ounces per gallon). For normal infestations dilute 1 part concentrate in 29 parts water (4.3 ounces per gallon).

To kill cockroaches, palmentto bugs, earwigs, sowbugs, centipedes, millipedes, crickets, silverfish and clovermites, spray thoroughly into hiding places such as cracks, crevices, moist areas, openings around pipes, spigots, storage areas and sheds. Spray directly on insects where possible. Repeat treatment if necessary.

To kill mosquitoes, gnats (midges), house flies, biting flies and small flying moths (millers), apply spray to shrubs, bushes, and grassy areas. Spray these areas with a slow sweeping motion while moving away from the treated area. To reduce annoyance from these flying insects, treat open porches and patios in a similar manner. For best results spray when air is still. Allow spray to dissipate before occupying the treated area. Repeat if necessary.

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