

Reg # 4816-689

PM-13

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MAY 26 1992

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Mr. Jan Brill
Fairfield American Corporation
809 Harrison Street
Frenchtown, NJ 08825

Dear Mr. Brill:

Subject: Amendment (Labeling Change - Addition of Use of Livestock
Permanone 3.4 E.C.
EPA Registration No. 4816-689
Your Submission Dated April 23, 1992

The amendment referred to above, submitted in connection with
registration under section 3(c)(7)(A) of the Federal Insecticide,
Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of
your product under FIFRA section 3(c)(5) or 4(a) when the Agency
requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the
product for shipment bearing the amended labeling:

- Revise the first sentence of the environmental hazard statement
as follows:

This product is extremely toxic to fish
and other aquatic organisms.

3. Submit five (5) copies of your final printed labeling before you
release the product for shipment.

63223:I:WP50:Moats:WP13-4:KEVRIC:05/22/92:06/21/92:DD

CONCURRENCES

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

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

Sincerely yours,

George T. LaRocca
Product Manager (13)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

PERMANONE®

3.4 E.C.

EPA REG. NO. 4816-689

EPA EST. NO. 279-NY-1

- * For Agricultural, Commercial Use and Vector Control Agencies, Pest Control Operators Only
- * Aids in the control of Fire Ants
- * For use in mushroom growing and production areas
- * For use in control of Ticks including Deer Tick, Black Legged Tick, Brown Dog Tick, Lone Star Tick and American Dog Tick
- * Contains 3.4 Pounds Permethrin Per Gallon

ACTIVE INGREDIENT:

Permethrin	40.00%
Inert Ingredients	60.00%
	100.00%

(3-Phenoxyphenyl)methyl (+/-) cis/trans 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate (Cis/trans ratio: Min 35% (+/-) cis and max 65% (+/-) trans)

PERMANONE - Registered trademark of Fairfield American Corporation

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED - Call a physician or Poison Control Center. Drink one or two glasses of water. Induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED - Remove person to fresh air. Apply artificial respiration if indicated.

IF ON SKIN - Remove contaminated clothing and wash affected areas with plenty of soap and water. Get medical attention.

IF IN EYES - Hold eyelids open and flush with a steady gentle stream of water for 15 minutes. Get medical attention.

See side panel for additional precautions

NET CONTENTS:



FAIRFIELD
AMERICAN
CORPORATION

201 ROUTE 17 NORTH, RUTHERFORD, NJ 07070

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DIRECTIONS FOR USE

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

IMPORTED FIRE ANT CONTROL

Treatment of *Fire Ant* mounds. Apply Permanone® 3.4 E.C. as a drench diluted at the rate of 6.0 fl. oz. per 2 gallons of water. Gently sprinkle a total of 1 gallon of the diluted solution over the surface of each mound using a sprinkler can. Thoroughly wet mound and surrounding area to a 4 ft. diameter (12 sq. ft.). For best results apply in cool weather, 65-80 °F, or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration reducing product effectiveness.

MUSHROOM HOUSES AND ADJACENT PREMISE AREAS

For control of *Mushroom Flies (Sclerid and Phorid Adults) and Fungus Gnats*:

PREPARATION OF THE BUILDING PRIOR TO FOGGING:

- (1) Close all doors, windows and ventilators.
- (2) Lock or barricade all entrances, turn off pilot lights, post warning signs, and take precautions to prevent persons and animals from entering the area.

APPLICATION:

Apply Permanone 3.4® E.C. as a fogging or aerosol treatment at the rate of 2 to 2.5 ounces Permanone 3.4 E.C. per 30 ounces of water or suitable diluent. Use 1 quart of solution per standard double (35,000 cu. ft.: 8,000 sq. ft.).

Use Permanone 3.4® E.C. prior to filling house, during cooldown, during spawning up to pinning and between breaks. Do not use when mushrooms are present. Treat once daily or as needed when flies appear. Do not make more than 20 applications prior to pinning of first break. Apply no more than two applications between each break. Do not apply more than 30 applications total per crop of 5 breaks.

Do not apply within 5 days of harvest.

Length of exposure time should be limited to 1 hour, then ventilate the house. Use fans to ventilate houses that do not have forced air circulation. Wear full-faced gas mask with canister type recommended for general insecticide protection.

TICK CONTROL

Use Permanone® 3.4 E.C. as a residual treatment for control of *Ticks* including the *Deer Tick (Ixodes dammini)*, *Western Black-legged Tick (Ixodes pacificus)*, *Lone Star Tick (Amblyomma americanum)*, *American Dog Tick (Dermacentor variabilis)* and *Brown Dog Tick (Rhipicephalus sanguineus)*.

PREMISE TREATMENT

Dilute 3 ounces of Permanone® 3.4 EC in 2 gallons of water to make a 0.5% dilution and treat around windows and doors,

porches, screens, eaves, crawl spaces where these pests wet (approximately 1 gal/75

OUTDOOR TREATMENT (I

Apply in water at the rate of enough finished spray to gallons per acre (4 - 8 oz/acre per acre). Use truck-mounted designed for either ULV or vegetation (long grass, shrub areas such as roadsides, forests, parks and other recreations of buildings by above 10 feet adjacent to the struc

LIVESTOCK SPRAY

goats, swine

For Swine: Do not ship animal treatment.

TO CONTROL Horn Flies,

dilute at the rate of from 1 to (1 to 4 parts in 400 parts thoroughly, with particular withers, and other infested of 5 to 12 days for small in flies are emerging in large r

TO CONTROL Stable Flies

at the rate of from 1 to 4 fl. 4 parts in 400 parts water) wet the hair thoroughly with barrel, topline and other body flies. Repeat treatment as r

TO CONTROL Face Flies

ounces per 3 gallons of water apply using spray which protect the face of the animal in the Apply sufficiently to wet the per animal. Repeat daily as

TO CONTROL Lice (Incl

Mites and Mange, using a concentrate per 3 gallons of or cages thoroughly. This s birds with a fine mist. Use Swine, thoroughly soak animal for Mange. Treat walls and

FOR CONTROL of Bedbu

at the rate of from 1 to 4 fl. 4 parts in 400 parts water) and in walls and cracks in nests

TC CONTROL *Sheep "Tick" or Ked* dilute at the rate of from 1 to 4 fluid ounces per 3 gallons of water (1 to 4 parts in 400 parts water) and thoroughly wet all portions of the body by dipping or by spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate sufficient to wet the animal.

To kill *Fleas* on livestock and to obtain protection against reinfestation, dilute at the rate of 1.6 fluid ounces per gallon of water and wet the animal by dipping or spraying.

IN BARNS, MILKING PARLORS, MILK ROOMS, DAIRIES, POULTRY HOUSES, SWINE AND LIVESTOCK HOUSING: To control *Flies, Mosquitoes* and *Gnats*, dilute at the rate of 1.6 fluid ounces per gallon of water and apply as a fog or fine mist, directing the spray toward the ceiling and upper corners until the area is filled with mist, using about 2 ounces per 1000 cubic feet of space. For best results, close doors and windows before spraying and keep them closed for ten to fifteen minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary.

FOR TEMPORARY REDUCTION OF ANNOYANCE

From: *Flies, Gnats, Mosquitoes*

In the treatment of corrals, feedlots, swine lots and zoos, cover any exposed water, drinking fountains and animal feed before application. Fill the area with mist and direct the spray into tall grass, shrubbery and around lawns where the above pests may hover or rest. Apply while the air is still and avoid wetting foliage. In zoos, prevent exposure of reptiles to the product. Repeat as necessary.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

CONTAINER DISPOSAL:

CONTAINERS ONE GALLON AND SMALLER: Do not reuse empty container. Wrap container in several layers of newspaper and discard in trash.

CONTAINERS LARGER THAN ONE GALLON:

Metal Containers- Triple rinse or equivalent. 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.

Plastic Containers- Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS WARNING

Concentrate causes substantial but temporary eye injury. Harmful if swallowed, or absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear goggles or faceshield when handling concentrated material. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This product is highly toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

PHYSICAL HAZARDS

Do not use or store near heat or open flame.

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

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ACCEPTED
with COMMENTS
in EPA Letter Dated

MAY 26 1992

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

4916-689