

DEC - 7 1992

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Mr. Nicole C. Puderbach  
Roussel UCLAF Corp.  
170 Beaver Brook Road  
Lincoln Park, NJ 07035

Dear Mr. Davis:

Subject: Label Amendment-Change in Dilution Rates  
Permanone 3.4 EC  
EPA Registration No. 4816-689  
Your Submission dated October 20, 1992

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely yours,

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

Enclosure:

CONCURRENCES							
SYMBOL							
SURNAME	MOATS						
DATE							

# PERMANONE®

3.4 E.C.

EPA REG. NO. 4816-639

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-Phenoxyphenol)methyl (+/-) cis,trans 3-(2,2-dichloroethyl)-2,2-dimethylcyclopropanecarboxylate (Cis/trans ratio: Min. 95% (+/-) cis and max. 65% (+/-) trans)

PERMANONE - Registered trademark of Roussel Uclaf 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.

ROUSSEL UCLAF

P.O. BOX 1077, 400 SYLVAN AVENUE

ENGLEWOOD CLIFFS, NEW JERSEY

**ACCEPTED**  
DEC - 7 1992  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 4816-639

## BEST AVAILABLE COPY

### 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 3 days of harvest

Length of exposure time should be limited to 1 hour, then ventilate the house. Use fans to ventilate in 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 wet (approximately 1 gal

### OUTDOOR TREATMENT

Apply in water at the rate of enough finished spray 1 gallons per acre (4 - 8 oz. per acre). Use truck-mounted designed for either ULV vegetation (long grass, shrubs) areas such as roadsides, sites, parks and other relocations of buildings by at 10 feet adjacent to the s

### LIVESTOCK SPRAY

goats, sw

For Swine: Do not snip treatment.

TO CONTROL *Horn Flies* dilute at the rate of from 1 to 4 parts in 480 parts of water (1 to 4 parts in 480 parts of water) thoroughly, with particular attention to the flanks, withers, and other areas. Repeat at intervals of 5 to 12 days as needed when flies are common.

TO CONTROL *Stable Flies* dilute at the rate of from 1 to 4 parts in 480 parts of water (1 to 4 parts in 480 parts of water) animal to wet the hair thoroughly on the legs, flanks barrel, and other areas attached by these flies.

TO CONTROL *Face Flies* dilute at the rate of from 1 to 4 parts in 480 parts of water (1 to 4 parts in 480 parts of water) and apply using spray nozzle. Apply to the face of the animal to pasture. Apply sufficient to wet the animal. 1 1/2 ounces per animal.

TO CONTROL *Lice (Phthirus) Mites and Mange (Sarcoptes)* dilute at the rate of from 1 to 4 parts in 480 parts of water (1 to 4 parts in 480 parts of water) concentrate per 3.75 gallons of water. Apply to the nests or cages thoroughly over the birds with a fine mist. For Swine, thorax. Retreat at 14 days for lice.

FOR CONTROL of *Bed Bugs* dilute at the rate of from 1 to 4 parts in 480 parts of water (1 part to 4 parts in 480 parts of water) poles, cracks in walls and other places where mites hide.

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TO 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 *Fleas*, *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: *Fleas*, *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 extremely toxic to fish and other aquatic organisms. 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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