



004816-00689-061099

Printed: 15:42:54 Tuesday, 20 Jul, 1999 # 23 / 3598

Systems Integration Group, Inc.

## PERMANONE® 3.4 E.C.

READ ENTIRE LABEL BEFORE EACH USE  
FOR PET USE: USE ONLY ON DOGS

- \* For Agricultural/Commercial Use and Vector Control Agencies, Pest Control Operators Only
- \* Aids in the Control of Fire Ants
- \* 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

IN CASE OF MEDICAL EMERGENCIES OR HEALTH AND SAFETY INQUIRIES, OR IN CASE OF FIRE, LEAKING OR DAMAGED CONTAINERS, INFORMATION MAY BE OBTAINED BY CALLING 1-800-XXX-XXXX.

FOR PRODUCT INFORMATION, CALL TOLL-FREE: 1-800-XXX-XXXX.

## ACTIVE INGREDIENT:

†Permethrin.....40.00%

OTHER INGREDIENTS‡: .....60.00%

100.00%

PRECAUTIONARY STATEMENTS  
Hazards to Humans & Domestic Animals  
**DANGER**

† (3-Phenoxyphenol)methyl (±) cis/trans 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane-carboxylate [Cis/trans ratio: Min 35% (±) cis and max. 65% (±) trans]

‡Contains Petroleum Distillate

Permanone is a registered trademark of AgrEvo Environmental Health, Inc.

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear goggles or face shield. Harmful if swallowed. Avoid contact with skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

EPA Reg. No. 4816-689

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**  
**FIRST AID**

**If In Eyes:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

**If Swallowed:** Call a doctor or get medical attention. Do not induce vomiting. This product contains petroleum distillate and may pose an aspiration hazard. Drink promptly a large quantity of skimmed milk, egg white, gelatin solution, or, if these are not available, large quantities of water. Do not give anything by mouth to an unconscious person. Avoid alcohol.

**If On Skin:** Remove contaminated clothing and wash affected areas with plenty of soap and water. Get medical attention.

**Note to Physician:** This product contains a pyrethroid and a petroleum solvent. The possibility of aspiration pneumonia must be considered. The product can cause severe eye damage; ophthalmology consultation recommended. Mucosal damage may contraindicate the use of gastric lavage.

See Side Panel for Additional Precautions

Do not use on dogs under twelve (12) weeks old. Consult a veterinarian before using this product on medicated, debilitated, aged, pregnant or nursing animals. Sensitivities may occur after using any pesticide product for pets. If signs of sensitivity occur bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

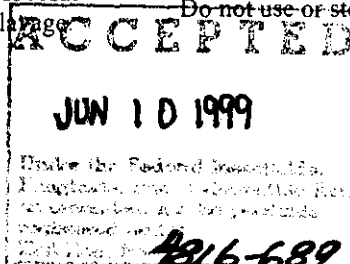
**Environmental Hazards**

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 mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in treated area. 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.



## 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 EC as a drench diluted at the rate of 0.75 to 1.75 fl. oz. per gallon 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.

### TICK CONTROL

Use Permanone 3.4 EC 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*).

#### ON DOGS: To control fleas and ticks

**AS A SPRAY** - Dilute 1.0 to 1.5 fluid ounces of Permanone 3.4 EC in 4 gallons of water. Start spraying diluted product at the tail, moving the dispenser rapidly and making sure that the animal's entire body is covered, including the legs and underbody. While spraying, fluff the hair so that the spray wets thoroughly. Do not spray into eyes and face. Avoid contact with genitalia. Repeat application every two weeks, if necessary.

**AS A DIP** - Wet the dog with water before treatment. Sponge, dip or pour diluted product on the dog until its fur and skin are thoroughly wet, making sure that the animal's entire body is treated, including the legs and underbody. Do not treat the dog's face. Repeat application every two weeks, if necessary.

### 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, patios, garages, under stairways and in crawl spaces, where these pests may occur. Apply until surface is wet (approximately 1 gal./750-1000 sq. ft.).

### OUTDOOR TREATMENT (for *ixodes dammini* & *pacificus* only)

Apply in water at the rate of 4-8 ounces per 100 gallons using enough finished spray to penetrate foliage, usually 50 to 100 gallons per acre (4 - 8 oz/acre = 0.1 - 0.2 pounds active ingredient per acre). Use truck-mounted or portable backpack equipment designed for either ULV or hydraulic applications. Treat dense vegetation (long grass, shrubs, weeds, leaf litter) in outdoor activity areas such as roadsides, footpaths and trails, picnic and camping sites, parks and other recreational areas. To help prevent infestations of buildings by above pests, treat a band of vegetation 8 - 10 feet adjacent to the structure.

**LIVESTOCK SPRAY** (dairy & beef cattle, sheep, goats, swine, horses and poultry)

**FOR SWINE:** Do not ship animals for slaughter within 5 days of last treatment.

**TO CONTROL Horn Flies, House Flies, Mosquitoes and Gnats**, dilute at the rate of 1 to 4 fluid ounces per 3.75 gallons of water (1 to 4 parts in 480 parts water) and apply to wet the hair thoroughly with particular attention to 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 Flies and Deer Flies**, dilute at the rate of 1 to 4 ounces per 3.75 gallons of water (1 to 4 parts in 480 parts water) and apply a quart per adult animal to wet the hair thoroughly with particular attention to legs, flanks barrel, topline and other body areas commonly attacked by these flies. Repeat treatment as needed.

**TO CONTROL Face Flies**, dilute at the rate of 1 to 4 fluid ounces per 3.75 gallons of water (1 to 4 parts in 480 parts water) and apply using a spray which produces large wetting droplets. Apply to the face of the animal in the morning before releasing to pasture. Apply sufficiently to wet the face but not more than 1½ ounces per animal. Repeat daily as needed.

**TO CONTROL Lice (including Poultry Lice), Northern Mites and Mange**, using a dilution of 1 to 4 fluid ounces per 3.75 gallons of water, spray roosts, walls and nests or cages thoroughly. This should be followed by spraying over the birds with a fine mist. Use at a rate of 1 gallon per 100 birds. For Swine,

thoroughly soak animal, including ears. Retreat at 14 days for Mange. Treat walls and bedding.

**FOR CONTROL of Bedbugs and Mites** in poultry houses, dilute at the rate of 1 to 4 fluid ounces per 3.75 gallons of water (1 to 4 parts in 480 parts water) and spray crevices of roost poles, cracks in nests where bedbugs and mites hide.

**TO CONTROL Sheep "Tick" or Ked**, dilute at the rate of 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 upward 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.

## STORAGE & 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 wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

### 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.

**NOTICE:** Buyer assumes all responsibility for safety and use not in accordance with directions.

**AgrEvo Environmental Health**  
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NET CONTENTS: