# PERMANONE® 3.4 E.C.

- \* FOR AGRICULTURAL/COMMERCIAL USE AND VECTOR CON-TROL 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

#### **ACTIVE INGREDIENT:**

* Permethrin	40.00%
INERT INGREDIENTS	60.00%
	100.00%

\*(3,Phenoxyphenol)methyl (+/-) cis/trans 3-(2,2-dichloroethenyl)-2,2-di-methylcyclopropanecarboxylate [Cis/trans ratio: Min 35% (+/-) cis and max. 65% (+/-) trans]

PERMANONE - Registered trademark of AgrEvo Environmental Health, Inc.

EPA REG. NO. 4816-689

EPA EST. NO.

# 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

ACCEPTED

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registered under
ENA Roy. No. 4816 - 689

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# 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.

# **DIRECTIONS FOR USE**

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

## 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 instruction 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.

## IMPORTED FIRE ANT CONTROL! ( ) ( )

Treatment of Fire Antimounds. Apply Permarkorie 3.4 E.C. as a drench diluted at the rate of 0.75 to 1.75 ft. oz. per guiton 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. fc.): 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 E.C. as a residual treatment for control of Ticks including the Deer Tick (Ixodes dammini). Western Black-

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legged Tick (Ixodes pacilicus), Lone Star Tick (Amblyomma americanum), American Dog Tick (Dermacentor variabilis) and Brown Dog Tick (Rhipicephalus sanguineus).

ON DOGS: To control fleas and ticks

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AS A SPRAY - Dilute 1.0 to 1.5 fluid ounces of Permanone 3.4 E.C. 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 as necessary. Do not use on old, sick or debilitated animals.

AS 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

NOTE: Not recommended for use on puppies less than four weeks old.

PREMISE TRE/JMENT

Dilute 3 ounces of Permanone 3.4 E.C. 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.).

QUIDOOR TREATMENT (for ixodes dammini & pacilicus 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, leai litter) in outdoor activity areas such as roadsides, footpaths and trails, picnic and camping sites, parks and other recreational areas. To help prevent intestations of buildings by above pests, treat a band of vegetation 8 - 10 feet adjacent to the structure.

LIVESTOCK SPRAY (dairy & beer cattle, sheep, goats, swine, horse 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 from 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 tleas are emerging in large numbers.

TO CONTROL Stable Flies, Horse Flies and Deer Flies, dilute at the rate of from 1 to 4 fluid ounces per 3.75 gallons of water (1 to 4 parts in 480 parts water) and apply a quarter per adult animal to wet the hair thoroughly with particular attention to the 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 from 1 to 4 fluid ounces per 3.75 gallons of water (1 to 4 parts in 480 parts water) and apply using apray 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 1.1.2 ounces per animal. Repeat daily as needed.

TO CONTROL Lice (including Paultry Lice), Northern Mites and Mange, using a dilution of from 1 to 4 fluid ounces per 3.75 gallons or 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 or 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 from 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 walls and cracks in nests where the bedbugs and mites hide.

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 *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 corrais, 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.

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

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