PLEASE READ THIS ENTIRE LABEL BEFORE EACH USE - PET USE APPLIES TO USE ONLY ON DOGS

ZEPOSECTOR® A II

GENERAL PURPOSE AQUEOUS INSECTICIDE II

- **For Commercial/Industrial Use Only**
- **A Ready-To-Use Permanone® Stable Emulsion Insecticide**
- **For Use Outdoors, In Homes and Non-Food Areas of Food/Feed Processing Establishments, Kennels, Commercial Buildings, Warehouses, Theatres, Office Buildings, Schools, Motels and Hotels**
- **For Control of Fleas, Brown Dog Ticks and Lice on Premises and on Dogs**
- **For Control of Ticks which may cause Lyme Disease on Premises**
- **Controls Fleas and Ticks on Dogs for 14 Days**

ACTIVE INGREDIENT:

Permethrin[1] ..... 0.50 %

OTHER INGREDIENTS: ..... 99.50 %

TOTAL..... 100.00 %

[1] Cis/trans ratio: min. 35% (+/-) cis and max. 65% (+/-) trans.

EPA REG. NO. 1021-2687-1270 **EPA EST. NO. 1270-GA-1**

PRECAUCIÓN

AL CONSUMIDOR: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente. (**TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.)

For information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-877-541-2016.

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers, (including during mixing/loading, repair and cleaning of equipment and disposal of pesticide) must wear the following:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any water proof material
- Shoes plus socks.

In addition to the above PPE, mixers and loaders and/or applicators using high-pressure handwand in an enclosed area must wear at least a NIOSH-approved respirator with a dust/mist filter with MSHA/NIOSH approval prefix TC-21C or any N, R, P, or HE filter.
In addition to the above PPE, applicators using hand-held foggers in an enclosed area must wear a half-face or full face or hood style NIOSH approved respirator with a dust/mist filtering cartridge with MSHA/NIOSH approval number prefix TC-21C, or a cartridge or canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a cartridge or canister with any N, R, P or HE filter.

User Safety Recommendations:

• Users should wash hands before eating, drinking chewing gum, using tobacco or using the toilet. • Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. • Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Environmental Hazards

This product is extremely toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutter or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.
This pesticide 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.
Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirement s of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

Entry Restrictions:

- For surface spray use: Except when applying to dogs, livestock and clothing, do not enter or allow others to enter treated area until sprays have dried.
- For space spray use: Do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

Application Restrictions:

- Except when applying to dogs, livestock and clothing, do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Except when applying to dogs, livestock and clothing, only protected handlers may be in the area during application.

Use Restrictions:

- Do not breathe vapors or spray mist.
- Do not apply when food is present.
- Do not use in food areas of food handling establishments, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held.
- May be applied in non-food/feed areas. Non-food/feed establishment areas are areas such as garbage rooms, lavatories, entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after canning or bottling).
- In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use.
- Remove or cover exposed food and drinking water before application.
- Do not contaminate animal feed or water during application.
- Do not apply as a broadcast or spot-treatment to indoor surfaces at residential sites, including nurseries, daycare centers, schools, hospitals, and nursing homes.
- Do not use in aircraft cabins.
- Do not use on electrical equipment or on surfaces that can be harmed or stained by water.
- Not for plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climate modification and being grown in interior plantscapes, ornamental gardens or parks or on golf courses or lawns and grounds.
- Not for broadcast use.
- Not for use in outdoor or indoor residential misting systems.
- Remove pets, birds and cover any water inhabited by fish (such as aquariums and ornamental fish ponds) before application. Turn off aquarium filtering systems before spraying and wait approximately 15 minutes after application before turning the filter back on.
- For pet care: Do not apply to dogs less than 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.
- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
- All outdoor applications must be limited to spot or crack-and-crevice treatments only except for the following permitted uses:
  1) Treatment to soil or vegetation around structures
  2) Applications to lawns, turf, and other vegetation
  3) Application to building foundations, up to a maximum height of 3 feet
- Other than application to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and-crevice applications, only.
- Do not water the treated area to the point of run-off.
- Do not make applications during rain.

SHAKE WELL BEFORE USING

INDOOR APPLICATION

For maximum effectiveness, a combination of spot, surface treatment and fogging is recommended.
SURFACE SPRAYING:
TO CONTROL ***Cockroaches, Waterbugs, Palmetto Bugs, Scorpions, Millipedes, Centipedes, Sowbugs, Pillbugs, Ants, Silverfish, Firebrats, Spiders, Crickets, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Drugstore Beetles, Meal Worms, Grain Mites*** and ***Cadelles:*** Direct the spray into hiding places, cracks and crevices, and behind shelves and drawers. For ***Silverfish***, spray bookcases. For ***Ants***, spray trails, nests and points of entry.
TO CONTROL ***Carpet Beetles***: Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, crevices and infested areas of shelving.
TO CONTROL ***Bedbugs***: Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors.
TO CONTROL ***Fleas (Adults*** and ***Larvae)*** and ***Ticks,*** Including ***Ticks Which May Carry Lyme Disease (Adults*** and ***Larvae)***: Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and entire areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Allow to dry thoroughly before allowing pets to contact treated areas.
TO CONTROL ***Clothes Moths***: Remove any infested articles from storage, brush thoroughly, and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus and other storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated lightly, keeping nozzle at least three feet from fabric to avoid staining.
TO KILL ***Lice*** and ***Louse Eggs***: Spray in an inconspicuous area to test for possible staining or discoloration. Inspect again after drying, then proceed to spray entire area to be treated. Spray from a distance of 8 to 10 inches. Treat only those garments and parts of bedding, including mattresses and furniture that cannot be either laundered or dry cleaned.
Allow all treated articles to dry thoroughly before use.
SPACE SPRAYING:
Close doors and windows and shut off ventilating systems. Apply with a good machine adjusted to deliver a fine mist or fog. For rapid control of ***Houseflies, Fruit Flies, Gnats, Mosquitoes, Skipper Flies, Wasps, Hornets, Bees, Black Flies, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths*** and ***Tobacco Moths:*** Direct spray at an upward angle, distributing it uniformly throughout the entire area at a rate of 1 ounce per 1000 cubic feet of space. Keep area closed for 2 hours. Ventilate before reoccupying.
FOGGING:
To kill exposed or accessible stages of the above named crawling insects, use a rate of 1 gallon to 20,000 to 40,000 cubic feet of space. Contact insects directly when possible. Keep area closed for 2 hours. Ventilate before reoccupying.

FOR DIRECT APPLICATION TO LIVESTOCK:

To protect cattle (beef and dairy), goats, sheep, hogs and horses from ***Horn Flies, Face Flies, Houseflies, Mosquitoes*** and ***Gnats***: Apply a light mist sufficient to wet the surface of the hair. For face flies, spray face and head, but do not spray into eyes.
TO CONTROL ***Stable Flies, Horse Flies*** and ***Deer Flies:*** Apply at a rate of 2 ounces per adult animal, sufficient to wet the hair thoroughly. Repeat treatment daily or at intervals necessary to give continued protection.
TO CONTROL ***Blood-Sucking Lice:*** Apply to the infested areas of the animal, using a stiff brush to get the spray to the base of the hair. Repeat every 3 weeks if required.
TO CONTROL ***Poultry Lice:*** Spray roosts, walls and nests or cages thoroughly. This should be followed by spraying over the birds with a fine mist.
TO CONTROL ***Bedbugs*** and ***Mites*** IN POULTRY HOUSES: Spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbugs and mites hide.

FOR DIRECT APPLICATION TO DOGS (OVER 12 WEEKS OF AGE):

TO CONTROL ***Fleas, Ticks,*** and ***Lice:***
Hold the container upright. Spray at a distance of 8-12 inches. Starting at the tail, spray over entire hair coat while moving the dispenser rapidly; making sure the coat is thoroughly wetted to the skin. While spraying, fluff the hair so the spray will penetrate to the skin. Make sure spray wets ticks thoroughly. Spray against the lay of the hair, roughing the hair on long-haired dogs. Do not spray into the eyes, face or genitalia. For best results in killing ticks, spray directly on the tick. Allow dog to air dry or blow dry. Do not towel dry. Do not reapply more than once every 14 days.
Use protective gloves or mitts when applying product. DO NOT USE ON CATS OR KITTENS.

OUTDOOR APPLICATION

TO CONTROL ***Ticks, Including Ticks Which May Carry Lyme Disease*** (PERIMETER TREATMENT): Use Zeposector A II as a residual treatment to control Ticks including the ***Deer Tick (Ixodes scapularis), Lone Star Tick (Amblyomma americanum), Brown Dog Tick (Rhipicephalus sanguineus), American Dog Tick (Dermacentor variabilis)*** and ***Western Black-Legged Tick (Ixodes pacificus).***
For each area listed below, apply until surface is wet (approximately 1 gal/750-1000 ft^2).
Treat around windows and doors, porches, screens, eaves, patios, garages, under stairways and in crawl spaces where these pests may enter.
Treat a band of vegetation and leaf litter 6-10 feet wide around the outside of buildings to help control ticks occurring there.
To help control ticks in outdoor activity areas, treat a band of vegetation and leaf litter 6-10 feet wide and adjacent to activity areas, especially where dense vegetation occurs.
FOR CONTROL OF ORNAMENTAL GARDEN INSECTS:
For use on roses, dahlias, asters and other ornamentals to kill ***Japanese Beetles*** hit by spray as well as ***Whiteflies, Aphids, Exposed Thrips, Spiders, Red Mites*** and ***Leafminers***. May be used on plants as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas.
May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, delphiniums, dogwoods, English ivy, euonymus, fuschia, geraniums, crassula, grape vines, Kentia palms, laurels, marigolds, rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jews and zinnias.
EFFECTIVE WHEN USED AS DIRECTED AGAINST ***Whiteflies, Aphids, Spider*** and ***Red Mites, Exposed Thrips, Lace Bugs, Japanese Beetles, Pavement Ants, Clover Mites*** and ***Armyworms:*** When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Be cautious about wetting tender foliage, young plants and new growth.
Do not spray plants when temperatures exceed 90°F. Contact insects directly whenever possible.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
Pesticide Storage: Store in a cool, dry place away from heat or open flame. Avoid extremes in temperature.
Pesticide Disposal: Pesticide, spray mixture or rinse water that cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.
Container Disposal: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available.

IMPORTANT: READ BEFORE USE

To the extent consistent with applicable law, Purchaser assumes all responsibility for safety and use not in accordance with directions.

Permanone is a registered trademark of Bayer Cropscience LP

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NET CONTENTS:
5 Gallons
18.92 Liters

Department of Agriculture
STATE OF HAWAII

LICENSED

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