

RIPTIDE®

Waterbased Pyrethrin ULV

Specimen Label

- Kills Mosquitoes
- Kills Flying Insects
- Kills Crawling Insects
- Kills Stored Product Pests
- Kills Cockroaches



ACTIVE INGREDIENTS:

| | |
|--------------------------------------|---------|
| Pyrethrins..... | 5.00% |
| Piperonyl butoxide, Technical* | 25.00% |
| OTHER INGREDIENTS | 70.00% |
| | 100.00% |

*Equivalent to 20.00% (butylcarbityl) (6-propylpiperonyl) ether and 5.00% related compounds.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See inside for first aid and precautionary statements.

INDOOR AREAS for use in and around:

| | | | | | | |
|---------------------------|---|---|------------------------------|---------------------------|--|--------------------------|
| Animal Areas and Quarters | Cattle Barns | Dumpsters | Horse Trailers | Milk Rooms | Rabbit Processing Plants | Theaters |
| Animal Control Centers | Churches | Dwellings | Hospices | Mills | Railroad Cars | Tobacco Factories |
| Animal Shelters | City Missions | Egg Processing Plants | Hospitals | Mini-Storage | Recreational Vehicles | Tobacco Warehouses |
| Apartments | Circus Tents | Factories | Hotels | Mobile Canteens | Research Animal Quarters | Tool Sheds |
| Arcades | Closets | False Ceilings | Indoor Eating Establishments | Mobile Homes | Restaurants | Trains |
| Attics | Club Houses | Freight Containers | Industrial Installations | Morgues | Retail Stores | Transportation Equipment |
| Auditoriums | Commercial Buildings | Fruit Packing Sheds | Institution Dining Areas | Mortuaries | Rice Mills | Trucks |
| Bakeries | Communication Centers | Funeral Parlors | Institutions | Motels | Schools | Truck Trailers |
| Bars | Concession Stands | Garbage Bins | Jails | Movie Theaters | Ships | Tunnels |
| Basements | Condominiums | Garbage Cans | Kennels | Museums | Ship Holds | Utilities |
| Bathrooms | Court Houses | Garbage Compactors | Laboratories | Mushroom Processing Areas | Ships | Utility Rooms |
| Beverage Plants | Crawl Spaces | Garbage Trucks | Laundromats | Nursing Homes | Smoke Shops | Vending Machines |
| Boats | Crematoriums | Gas Stations | Lavatories | Office Buildings | Sports Stadiums | Veterinary Hospitals |
| Bottling Plants | Dairy and Livestock Barns | Grain Elevators | Libraries | Other Public Buildings | Stables | Wall and Equipment Voids |
| Breweries | Day Care Centers | Grain Harvesting and Handling Equipment | Liquor Stores | Passenger Railroad Cars | Storage Bins (areas) | Warehouses |
| Brewery Warehouses | Delicatessens | Garages | Livestock Barns | Parking Garages | Storage Areas for food in multi-walled paper or cloth bags | Washrooms |
| Buildings | Department Stores | Grain Mills | Livestock Hauling Equipment | Passenger Railroad Cars | Stores | Wholesale Stores |
| Buses | Diners | Granaries | Loafing Sheds | Peanut Warehouses | Supermarkets | Wine Cellars |
| Cabinets | Dog Houses | Grocery Stores | Locker Rooms | Pool Halls | Swine Houses | Wineries |
| Cabins | Storage or Processing Areas that contain Dried Fruit Products | Homes | Mausoleums | Poultry Houses | Taverns | Zoos |
| Cafeterias | Drug Stores | Horse Stables and Barns | Meat Packaging Plants | Poultry Plants | Textile Mills and Warehouses | |
| Campers | | | Mess Halls | Pounds | | |
| Canneries | | | | Prisons | | |
| | | | | Public Storage | | |

OUTDOOR AREAS for use in and around:

| | | | |
|--|----------------------|-------------------------------|----------------------------|
| Alleys | Corrals | Game Fields | Sanitary Sewers (manholes) |
| Amphitheaters | Courtyards | Kennels | Side Walks |
| Amusement Parks | Curbs | Levees | Side Yards |
| Athletic Fields (baseball, football, soccer) | Drive-In Restaurants | Manure Piles | Stadiums |
| Back Yards | Drive-In Theaters | Outdoor Eating Establishments | Tennis Courts |
| Balconies | Dumpsters | Parking Lots | Truck Stops |
| Baseball Fields | Fair Grounds | Parks | Underpasses |
| Bleachers | Feedlots | Patios | Utility Rooms |
| Bridges | Front Yards | Playgrounds | Outdoor |
| Carwashes | Game Fields | Ranges | Weigh Stations |
| Campgrounds | Garbage Dumps | Recreational Areas | Wild Animal Parks |
| Circuses | Gazebos | Rest Areas | Wood Piles |
| Construction Sites | Golf Courses | Roadsides | Zoos |
| | Grandstands | Rooftops | |
| | Junk Yards | | |

FOR USE ON:

| | | | |
|----------------------|-------------------|-----------|----------|
| Beefalo | Ducks | Llamas | Pullets |
| Birds | Emus | Mules | Quail |
| Buffalo | Exotics such as | Ostrich | Ratites |
| Calves | European Red Deer | Oxen | Roosters |
| Cattle—beef, milking | Geese | Pheasants | Sheep |
| Chickens | Horses | Pigs | Swine |
| Donkeys | Lambs | Ponies | Turkeys |

FOR THE CONTROL OF INSECTS including:

| | | | |
|------------------------|---------------------|---------------------------|--|
| Almond Moths | Dark Mealworms | Indian Meal Moths | Silverfish |
| Angoumois Grain Moths | Darkling Beetles | Khapra Beetles | Skipper Flies |
| Ants | Deer Flies | Lesser Grain Borers | Spider Beetles |
| Black Flies | Deer Ticks | Lesser House Flies | Spiders |
| Blood Sucking Lice | Dermestid Beetles | Mediterranean Flour Moths | Stable Flies |
| Boxelder Bugs | Dried Fruit Beetles | Merchant Grain Beetles | Sowbugs |
| Brown Dog Ticks | Firebrats | Midges | Ticks |
| Cadelles | Face Flies | Millers | Ticks that may carry and transmit Lyme disease |
| Carpet Beetles | Flat Grain Beetles | Millipedes | Tobacco Moths |
| Cereal Beetles | Firebrats | Mosquitoes | Trogoderma Beetles |
| Cheese Mites | Flats Grain Beetles | Flying Moths | Warehouse Beetles |
| Cheese Skippers | Fleas | Palmetto Bugs | Wasps |
| Chocolate Moths | Flies | Pillbugs | Waterbugs |
| Cigarette Beetles | Fruit Flies | Red Flour Beetles | Yellow Jackets |
| Clothes Moths | Gnats | Rice Flour Beetles | Yellow Mealworms |
| Clover Mites | Grain Mites | Rusty Grain Beetles | |
| Cockroaches | Granary Weevils | Saw-toothed Grain Beetles | |
| Coffee Bean Weevils | Horn Flies | Hornets | |
| Confused Flour Beetles | Horse Flies | | |
| Crickets | | | |

DIRECTIONS FOR USE

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

Avoid contamination of food or feedstuffs.

Remove pets and birds and cover fish aquariums before spraying. Avoid exposing reptiles to this product.

Do not apply space spray while food processing is underway. Cover or remove all food processing surfaces. Thoroughly wash all food processing surfaces before reuse. After spraying in bakeries, meat packing plants, food processing plants, etc., all benches, shelving, equipment, etc. where exposed food will be handled must be washed with an effective cleaning compound followed by a potable water rinse to remove all traces of contamination. Food processing operations do not have to be stopped while applying a wet spray with care and in accordance with the directions and cautions above in those establishments which do NOT operate under Federal meat, poultry, shell egg grading and egg products inspection programs.

Do not apply directly to food, water, or feed supplements. Do not contaminate milk or milk handling equipment. Wash udder and teats of dairy animals before milking.

READ ALL DIRECTIONS COMPLETELY BEFORE USE AND FOLLOW ALL DIRECTIONS AND PRECAUTIONS WHEN USING PRODUCT.

For best results, follow directions for specific use areas.

INDOOR USE—UNDILUTED

ULV AND SPACE SPRAY: Use in aerosol generators to kill exposed accessible stages of: Flies (including fruit flies), Mosquitoes, Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Clover Mites, Cheese Mites, Cheese Skippers, Boxelder Bugs, Earwigs, Ants and the following common Stored Product Pests: Granary Weevils, Rice Weevils, Confused Flour Beetles, Saw-toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Mealworms, Dark Mealworms, Grain Mites, Cadelles and Red Flour Beetles. Close room and shut off all air conditioning or ventilating equipment. Apply at the rate of 1/2 to 1 fluid ounce concentrate per 1,000 cubic feet of space. Direct spray towards ceiling and upper corners of room. Leave room closed for 1/2 hour and ventilate thoroughly before re-entry.

CONTACT AND SPACE SPRAY: To kill Cockroaches, Silverfish, Earwigs, Ants and Spiders: use a mechanical aerosol generator or a fogger adjusted to deliver aerosol droplets. To provide maximum penetration and impingement on the insects, first, direct the spray into all crack and crevices, behind all equipment, cupboards, obstructions or dark harborage areas, on walls and floors, underneath sinks, behind pipes, and in all places that harbor insects. Contact as many insects as possible. Do not allow spray to contact stored food. Then treat as a space spray, directing the spray towards the ceiling and upper corners of room, apply at a rate of 1 fluid ounce per 1,000 cubic feet of space. Vacate treated area and leave the room closed for 1 hour. Ventilate thoroughly before re-entry. Facilities and equipment in federally inspected meat and poultry plants must be washed with an effective cleaning compound and rinsed with potable water after spraying.

DRIED FRUIT PRODUCT STORAGE AREAS: In storage or in processing for control of Almond Moths, Ants, Cereal Beetles, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Earwigs, Flies, Fruit Flies, Fungus Gnats, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Saw-toothed Grain Beetles, Silverfish, Dried Fruit Beetles, Warehouse Beetles, and Khapra Beetles. Do not apply to fruit directly. Apply as a fine mist or fog in the air above and around the trays, bins, and shelves at the rate of 1 fluid ounce per 1,000 cubic feet of space. Repeat application at this dosage as required.

TREATMENT OF STORED FOOD AREAS: Foods in multi-walled bags, cloth bags or other packaging stored in listed areas for the control of accessible adult stages of: Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils and Khapra Beetles. Destroy, fumigate, or treat infested stored products by other effective methods using an approved product intended for this purpose. As noted above, first disperse by directing spray into cracks and crevices, corners, pallets and around stacks of packaged goods hitting as many insects as possible and then apply as a space spray at a dosage of 1 fluid ounce per 1,000 cubic feet of room space. Vacate treated area and ventilate before re-entry.

ON PEANUTS, NUTS (ALMONDS AND WALNUTS), BEANS (INCLUDING COCOA), SEEDS (BIRDSEED MIXTURES, COTTONSEED AND FLAXSEED) AND COPRA IN BULK, BAGS OR OTHER PACKAGING:

For the control of accessible stages of: Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, Khapra Beetles and other listed insects, apply to the surface of stored or bagged products at the rate of 1/4 fluid ounce per 1,000 square feet. Also spray walls, floors and surfaces of bins, storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Then apply as a space spray by directing the spray toward the ceiling and upper corners of the area and behind any obstructions. Apply at the rate of 1 fluid ounce per 1,000 cubic feet of room space. Vacate treated area and ventilate before re-entry.

INDOOR USE—DILUTED

SPACE SPRAY: For use in mechanical fogging or spraying equipment to control accessible stages of Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils and Khapra Beetles. Remove or cover exposed food and cover food-handling surfaces in edible product areas of food handling establishments. Close room and shut off all air conditioning or ventilating equipment. Dilute at the rate of 1 part concentrate into 1 to 10 parts water and mix well. Apply at the rate of 1 to 2 fluid ounces per 1,000 cubic feet of space, filling the room with mist. Vacate treated area and ventilate before re-entry.

Dilution table for ULV foggers

| Dilution ratio Fluid | | Fluid ounces of concentrate per ounce of solution volume | Pounds ounces of water per ounce of solution volume | Percent pyrethrum per 1,000 cu. ft. when applied at 1 fl. oz. per 1,000 cu. ft. | pyrethrins in solution |
|----------------------|-------|--|---|---|------------------------|
| Concentrate | Water | | | | |
| Undiluted | 0 | 1.00 | 0.00 | 0.0033 | 5.060% |
| 1 | 1 | 0.50 | 0.50 | 0.00165 | 2.530% |
| 1 | 2 | 0.33 | 0.67 | 0.00110 | 1.687% |
| 1 | 2.25 | 0.31 | 0.69 | 0.00101 | 1.557% |
| 1 | 2.5 | 0.29 | 0.71 | 0.00094 | 1.446% |
| 1 | 3 | 0.25 | 0.75 | 0.00082 | 1.265% |
| 1 | 4 | 0.20 | 0.80 | 0.00066 | 1.012% |
| 1 | 5 | 0.17 | 0.83 | 0.00055 | 0.843% |
| 1 | 6 | 0.14 | 0.86 | 0.00047 | 0.723% |
| 1 | 7 | 0.13 | 0.88 | 0.00041 | 0.632% |
| 1 | 8 | 0.11 | 0.89 | 0.00037 | 0.562% |
| 1 | 9 | 0.10 | 0.90 | 0.00033 | 0.506% |
| 1 | 10 | 0.09 | 0.91 | 0.00030 | 0.460% |

EXAMPLE: To determine how much concentrate to put into a 44 fluid ounce fogger tank to achieve a mix of 1 part concentrate with 5 parts water, multiply 0.17 (from chart above) times 44 (fluid ounces of solution needed) = 7.48 fluid ounces of concentrate (7.5 fluid ounces with rounding). Fill remainder of tank volume with 36.52 fluid ounces of water (36.5 with rounding) – to a total of 44 fluid ounces.

FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS: Dilute one part concentrate with 4 parts water and use with a ULV spraying device at the rate of one fluid ounce per 1,000 cubic feet of room space. Apply the spray into all cracks and crevices in woodwork, walls, and floors, underneath sinks, behind pipes and in all places that shelter insects. Contact as many insects as possible. Before use, exposed food products and packaging materials must be covered or removed. After use, equipment and utensils must be washed with an effective cleaning compound and rinsed with potable water. Use as a space spray only when plant is not in operation. Repeat as necessary but not more than once per day. Do not reapply within 1 day.

SURFACE SPRAY: To control accessible stages of: Cockroaches, Silverfish, Beetles, and Crickets: Dilute 1 to 3 fluid ounces of concentrate with one gallon of water, mix well and apply as a coarse wetting spray using approximately 1 gallon of spray mixture per 750 square feet of surface. To ensure maximum control of listed crawling insects, spray thoroughly into all cracks, molding, crevices, walls, floors and surfaces of bins, storage and handling areas. Particular attention should be paid to areas where moisture collects such as around drains, sinks and water pipes and around the base of heavy machinery and equipment, contacting as many insects as possible.

ANTS: Spray directly into nests, along trails, and directly on all ants observed.

FOR IN TRANSIT PROTECTION: To control accessible stages of listed insects, clean and spray truck beds, boxcars, ship holds and other listed transit equipment before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers lightly as stacked. Apply diluted spray at the rate of 1 gallon per 1,000 square feet.

TREATMENT OF STORED GRAIN: To control accessible stages of: Indian Meal Moths and Angoumois Grain Moths: Apply diluted spray to the surface of binned grain at a rate of 0.5 gallons per 1,000 cubic feet. Apply at monthly intervals with the first appearance of infestation. In severe infestations of flying moths, break up webbing with a rake before spraying and make a second application in two weeks.

STORAGE AREAS FOR DRIED FRUIT PRODUCTS for control of: Confused Flour Beetles, Dried Fruit Beetles, Indian Meal Moths and Saw-toothed Grain Beetles. Remove and destroy infested products. Apply diluted spray as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Use 1 fluid ounce per 1,000 cubic feet of space. Repeat application at this dosage in any given month. Leave the room closed for one hour. Vacate treated areas and ventilate the area before re-entry. Sweep up and destroy fallen insects.

FOOD STORAGE AREAS containing multi-walled bags, cloth bags and other packaging in warehouses, storage rooms, flour mills, grain elevators, granaries and other listed areas for the control of: Angoumois Grain Moths, Cadelles, Confused Flour Beetles, Indian Meal Moths, Mediterranean Flour Moths, Rice Weevils, Saw-toothed Grain Beetles, Yellow Mealworms, Cheese Mites, Cheese Skippers, Cigarette Beetles, Grain Mites, Granary Weevils, Dark Mealworms and Red Flour Beetles: Remove and destroy infested products. First disperse diluted spray by directing spray into corners, under pallets, and around stacks of packaged foods hitting as many insects as possible and then treat as a space spray. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Use at a rate of 1 to 2 fluid ounces per 1,000 cubic feet of space. Do not remain in treated areas and ventilate area before re-entry. This application will kill exposed stages of those stored product pests listed. Sweep up and destroy fallen insects.

FOR USE ON ANIMALS: To protect beef and dairy cattle and horses from Horn Flies, House Flies, Mosquitoes and Gnats, dilute 1 part concentrate with 49 parts water, mix well and apply a light mist sufficient to wet the tips of the hair. To control Stable Flies, Horse Flies and Deer Flies on animals apply 2 fluid ounces per adult animal, sufficient to wet the hair but not to soak the hide. Repeat treatment once or twice daily or at intervals to give continued protection. To control the motile stages of Blood Sucking Lice on beef and dairy cattle and other listed animals, apply the spray to thoroughly wet the hair. Use 2 fluid ounces or less per animal and repeat every 2 to 3 weeks as required.

To control Poultry Lice, spray roosts, walls and nests or cages thoroughly with a dilution of 1 part concentrate with 25 parts water, followed by spraying the birds with a fine mist.

ANIMAL QUARTER USE - DAIRY AND BEEF BARN, POULTRY HOUSES, SWINE HOUSING AND OTHER LISTED AREAS: For use in and around listed use areas to control accessible stages of: Brown Dog Ticks, Clover Mites, Cockroaches, Crickets, Deer Flies, Earwigs, Face Flies, Firebrats, Fleas, Flies, Horn Flies, Hornets, Mosquitoes, Silverfish, Small Flying Moths, Spiders, Stable Flies, Ticks, Wasps, Yellow Jackets, Fannia Flies and Darkling Beetles.

Apply as a space spray in conventional ULV cold aerosol generators or foggers adjusted to deliver aerosol size droplets. Whenever possible, space spray application should be made in the late evening when insects are at rest. Apply undiluted at the rate of 0.25 to 1.0 fluid ounces per 1,000 cubic feet of space above the animals. This concentrate may also be diluted with water at the rate of 1 part concentrate to 10 parts water and applied at the rate of 1 to 2 fluid ounces per 1,000 cubic feet of space above the animals. Direct spray toward the upper portions of the enclosure, above the animals, filling the room with mist or fog. Vacate treated area and ventilate before re-occupying.

To control Bed Bugs and Mites in poultry houses, prepare a dilution of 1 part concentrate to 25 parts water and spray crevices of roost poles, cracks in walls, and cracks in nests where the Bed Bugs and Mites hide.

FOR USE IN AUTOMATIC ULV SPRAYING SYSTEMS, IN AREAS SUCH AS ANIMAL QUARTERS, DAIRY AND BEEF BARN, POULTRY HOUSES, SWINE HOUSING, WAREHOUSES, RESIDENTIAL BACKYARDS AND OTHER LISTED INDOOR AND OUTDOOR AREAS.

NOTE: NOT REGISTERED for use in Automatic ULV Spraying Systems in the state of New York.

Use to control, or temporarily reduce annoyance from accessible stages of: Brown Dog Ticks, Clover Mites, Cockroaches, Crickets, Deer Flies, Earwigs, Face Flies, Firebrats, Fleas, Flies, Gnats, Horn Flies, Hornets, Horse Flies, Mosquitoes, Silverfish, Small Flying Moths, Spiders, Stable Flies, Ticks, Wasps, Yellow Jackets, Fannia Flies, Darkling Beetles and other nuisance insects.

Mix 1/2 gallon (64 fl. oz.) of concentrate in 55 gallons of water to yield a solution of 0.046% Pyrethrins and 0.23% Piperonyl Butoxide. For high populations of insects, or when treating species that are difficult to control, mix up to 1 gallon of concentrate in 55 gallons of water to yield a solution of .093% Pyrethrins and 0.46% Piperonyl Butoxide. When filling tank, partially fill the system reservoir tank with water, add concentrate, then fill rest of tank with water. System nozzles should deliver fine particle size droplets (aerosol or mist). Nozzles should be rated for a delivery rate not to exceed 1.25 fluid ounces of solution per minute, with one nozzle covering 100 square feet. Set system timer to operate in accordance with equipment directions.

Since high water temperatures can degrade pyrethrins, it is recommended that system tanks be sheltered or insulated from direct exposure to the sun. Use of an EPA approved antimicrobial agent is also recommended. For best performance the spray solution should be in the pH range of 5.5 to 7.0. Avoid setting up system nozzles in a manner that delivers spray solution into swimming pools, or pools containing fish and other organisms that may be sensitive to Pyrethrins. Automatic systems must be programmed so as not to activate and/or release pesticides when people, pets and food or feed are present. Install a rain sensor and a wind sensor on the system to control drift and runoff. Lock the system reservoir tank and securely attach a legible copy of the label to the system reservoir tank, or on the outside of the system timer. Never use concentrate in an evaporative cooling system.

This product will control insects that are directly contacted by its spray solution. Since many of the targeted insects can migrate in and out of treatment areas, it is recommended that this concentrate be used as part of an Integrated Pest Management (IPM) program. Control practices such as (but not limited to) eliminating breeding and harborage sites, combined with appropriate use of contact insecticides, Insect Growth Regulators (IGRs) and/or residual insecticides will provide the most effective control of target insects.

Automatic spraying system dilution table

| A System tank size (in gallons) | B Conversion factor (fluid ounce of concentrate per gallon of water) | A x B = Fluid ounces of concentrate for that tank size, to be mixed with water to achieve 0.046% pyrethrin solution |
|---------------------------------------|--|---|
| 1 | 1.16 | 1.16 |
| 15 | 1.16 | 17 |
| 20 | 1.16 | 23 |
| 30 | 1.16 | 35 |
| 55 | 1.16 | 64 |

OUTDOOR USE:

To control accessible stages of listed flying insects in listed outdoor areas. If possible, space spray application should be made in the evening or early morning when mosquitoes are typically most active. With a ULV spraying device, spray at a dosage rate of five (5) fluid ounces of undiluted concentrate per minute up-wind of the area to be controlled. If the equipment is truck mounted, keep the speed to approximately 10 mph with a swath width of 300 feet.

TEMPORARY REDUCTION OF ANNOYANCE from: Flies, Mosquitoes and Small Flying Moths. The aforementioned outdoor ground application will give temporary relief of annoyance from the pests in listed outdoor areas. Direct application into tall grass, shrubbery and around lawns where these pests may hover or rest, apply while air is still. In areas such as zoos, cover water, drinking fountains and animal feed before use.

TO CONTROL PESTS ON SHRUBS, FRUIT AND SHADE TREES:

Pests: Aphids, Apple and Thorn Skeletonizers, Bagworms, Bean Beetles, Cabbageworms, Codling Moths, Cutworms, European Pine Shoot Moths, Flea Beetles, Hemlock Wolly Adelgids, Holly Bud Moths, Lacebugs, Leafhoppers, Leafminers, Leafrollers, Mealybugs, Oak Loopers, Obscure Root Weevils, Omnivorous Leafhoppers, Pear Slugs, Scale Crawlers, Spider Mites, Tent Caterpillars, Thrips, Webworms and Whiteflies.

Plants: Birch, Crabapple, Dogwood, Douglas Fir, Elm, Euonymus, Hawthorn, Hemlock, Holly, Juniper, Lilac, Locust, Maple, Oak, Plum, Pine, Poplar, Spruce, Sycamore, Willow and Yew.

Mixing instructions: For shrubs and shade trees follow directions on hose end applicator to obtain four (4) Tbs. (2 fl. oz.) concentrate per gallon of water.

1 Tablespoon (Tbs.) = 3 teaspoons (tsp.)

1 fluid ounce = 2 Tbs.

How to apply: Spray plant to wet the leaves and branches until dripping.

AROUND HOUSE FOUNDATION:

Nuisance pests outdoors: Ants, Boxelder Bugs, Brown Dog Ticks, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Scorpions, Sowbugs, Spiders and Springtails.

Mixing instructions: For around house foundation follow directions on hose end applicator to obtain four (4) Tbs. (2 fl. oz.) concentrate per gallon of water.

1 Tablespoon (Tbs.) = 3 teaspoons (tsp.)

1 fluid ounce = 2 Tbs.

How to apply: To keep insects from entering the house, spray a 5 foot band of soil around the house next to the foundation. Also spray the foundation of the house to a height of 2 feet. Also spray walks, firewood piles, garbage cans, tree trunks and into cracks and other places where insects can hide.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry.)

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill.

Triple Rinse as follows [for containers of 5 Gallons (18.9 L) or less]: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and other aquatic invertebrates. Do not contaminate water when disposing of equipment wash waters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements 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.

FIRST AID

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.

RIPTIDE
Waterbased Pyrethrin ULV



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1009-0911

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