MICROCARE® 3% CS

Controlled Release Pyrethrins

Liquid Concentrate

KILLS ACCESSIBLE STAGES OF:

- Angusmois Grain Moths, Ants (excluding Harvester Ants), Asian Lady Beetles, Bees, Boxelder Bugs, Caddies, Carpet Beetles, Carpenter Ants, Carpenter Bees, Centipedes, Cigarette Beetles, Clover Mites, Cockroaches, Confused Flour Beetles, Crickets, Dermestid Beetles, Dried Fruit Beetles, Drugstore Beetles, Firebrats, Flies, Frogs, Fungus Gnats, Fungus Gnat Larvae, Gnats, Grain Mites, Indianmeal Moths, Mealworms, Malylbugs, Mediterranean Flour Moths, Millipedes, Mosquitoes, Moths, Red Flour Beetles, Sawtoothed Grain Beetles, Scorpions, Silverfish, Sweebugs, Spiders, Ticks, Trogoderma, Wasps, Weevils (Granary Weevils and Rice Weevils) and Yellowjackets

FOR USE IN AND AROUND:

- Bakeries, Beverage Plants, Calf Hutches, Canneries, Dairies, Flour Mills, Federally Inspected Meat and Poultry Plants, Food Handling Establishments, Food Processing Plants, Food Storage Areas, Grain Mills, Hog Operations, Homes, Horse Barns, Hospitals and Nursing Homes (except patient rooms while occupied), Hotels, Industrial Installations, Kennels, Landscapes, Loafing Sheds, Meat Packing Plants, Milk Rooms, Milling Plants, Motels, Office Buildings, Poultry Operations, Residences, Restaurants, Schools, Stables, Supermarkets, Transportation Equipment (Airplanes [cargo areas only]), Boats, Buses, Railcars, Ships, Trailers and Trucks, Warehouses and Zoos

ACTIVE INGREDIENTS:

- Pyrethrins®, a botanical insecticide
- Piperonyl Butoxide, Technical**

OTHER INGREDIENTS:

- Equivalent to 12.0% (butylcarbityl)(6-propylpiperonyl) ether and 3.0% related compounds.

One Gallon contains 0.25 lb of Pyrethrins

TOTAL: 100.0%

EPA Reg. No. 499-516

KEEP OUT OF REACH OF CHILDREN

CAUTION

NOTICE: This specimen label is for informational purposes only. All uses may not be approved in all states. See labeling which accompanied product for Directions for Use or call 800-777-8570 for more information.

FIRST AID

IF IN EYES: Hold eyes open and rinse slowly and gently with water for 15 - 20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

IF INHALED: Remove to fresh air. If symptoms are persistent, call a poison control center or doctor for treatment advice.

IF SWALLOWED: Dilute and rinse mouth. Drink large quantities of water or milk while stimulating the throat until nauseated or vomiting occurs. Do not induce vomiting. Call a poison control center or doctor for treatment advice.

IF SKIN OR CLOTHING CONTAMINATED: Remove contaminated clothing and wash immediately. Wash skin thoroughly. Call a poison control center or doctor for treatment advice.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with plenty of soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not contaminate bodies of water when disposing of equipment rinsate or washwaters.

TERRESTRIAL USES: Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

Do not spray where electrical short circuits might result, such as wall outlets, conduits, motors, switches, etc. Do not spray directly into any electronic equipment, such as radios, televisions, computers, telephones, etc.

INCOMPATIBILITIES

CAUTION: Do not mix with any other substance or product, except as directed.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

USE RESTRICTIONS

- Remove pets, birds and cover fish aquariums before spraying.
- Keep children and pets off treated areas until spray has dried.
- In the home, food processing surfaces and exposed utensils in the treatment area must be covered prior to application or washed thoroughly before use.
- In hospitals and nursing homes, do not use in patient rooms while occupied.
- In schools, do not apply to classrooms when in use.
- Ventilate rooms for 2 hr after treatment before reoccupying.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not contaminate bodies of water when disposing of equipment rinsate or washwaters.

TERRESTRIAL USES: Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

Do not spray where electrical short circuits might result, such as wall outlets, conduits, motors, switches, etc. Do not spray directly into any electronic equipment, such as radios, televisions, computers, telephones, etc.

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GENERAL INFORMATION

HOW TO MIX

Shake container well. Fill spray tank half full with water. Add the appropriate amount of concentrate according to the dilution table. Add remaining water to spray tank and mix well. Agitate material while using. Use 50 mesh screen in sprayer.

APPLICATION INSTRUCTIONS

HOSE-END SPRAYERS: Add water to the selected mark for the number of diluted gallons desired. Add the amount of product selected from the dilution instructions to obtain the desired dilution. Shake sprayer to disperse the product and shake occasionally during use to maintain dispersion.

COMPRESSED AIR SPRAYERS: For surface applications, apply as a coarse, wet spray. Apply at the rate of 1 gal diluted product per 1,000 ft² of surface. For Crack & Crevice® applications, make 1 sec injections every 12". In long running cracks, move injector tip at the rate of 1 ft/sec.

VOID/CRACK & CREVICE APPLICATION: To treat insects harbored in voids and in cracks and crevices, use equipment designed for void applications. Follow the manufacturer’s recommendations for proper equipment set-up and operating pressures. Place the tip of the applicator at or into the crack or crevice to be treated. Apply product in short bursts while keeping the tip in position. Allow the air stream to push insecticide deep into voids. Apply in such a manner to limit dripping and run-off on structural surfaces and plants. Ventilate thoroughly before occupants are allowed to reenter.

DILUTION RATES FOR INDOOR USE

<table>
<thead>
<tr>
<th>Amount of Product</th>
<th>% Pyrethrins to Gallon</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 fl oz</td>
<td>0.16%</td>
</tr>
<tr>
<td>4 fl oz</td>
<td>0.08%</td>
</tr>
<tr>
<td>3 fl oz</td>
<td>0.06%</td>
</tr>
<tr>
<td>2 fl oz</td>
<td>0.04%</td>
</tr>
<tr>
<td>1 fl oz</td>
<td>0.02%</td>
</tr>
</tbody>
</table>

CRAWLING INSECTS AND SPIDERS: Make spot treatment and/or Crack & Crevice injections into hiding places such as cracks and crevices, moist areas, openings around pipes and sinks, under refrigerators and marhooles. Treat floors, walls, under pallets, behind shelves and drawers. Apply directly on insects in these locations where possible.

PERIODIC MISTECK COCKROACHES: Using the 0.10% rate, make spot treatment and/or Crack & Crevice injections into hiding places such as cracks and crevices, moist areas, openings around pipes and sinks, under refrigerators and marhooles. Treat floors, walls, under pallets, behind shelves and drawers. Apply directly on insects in these locations where possible.

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**Microcare® 3% CS Controlled Release Pyrethrins**

**ANTS (excluding Harvester Ants):** Treat trails, nests and points of entry around doors, bookcases and storage areas. Apply directly on insects in these locations where possible.

**CARPENTER ANTS:** Locate source of infestation. Inject 5 - 10 ml into tunnels and cavities. Cleanse and dry injected areas.

**CARPET BEETLES:** Make applications on and under edge of floor coverings, under carpets and furniture and in closets or other locations where these insects are found. Entire carpet may be treated.

**TICKS:** Direct product toward pet beds and resting areas. Treat adjacent cracks and crevices such as beneath baseboards and edges of carpet and floor coverings. Treat higher cracks such as under door jams and wall to framing, behind pictures and other areas where females may crawl to lay eggs. Allow spray to thoroughly dry before allowing pets to return. Do not treat companion animals, such as dogs, cats, puppies or kittens, with this product.

**STORED PRODUCT PESTS:** Make spot and/or Crack & Crevice treatment to localized areas including shelves, cupboards, walls and floors where food products suspected of being infested are stored. Remove or cover food in the treatment area before treatment. This treatment is supplemental to good housekeeping, since it will have no effect on insects within packaging. Any foodstuffs infested with pests should be removed and destroyed.

**FOOD AREAS:** Do not apply directly to food. In commercial food handling facilities, cover or remove any food, utensils and food processing equipment during application. Cover all food contact surfaces during treatment or thoroughly clean before using. When using this product in food processing areas, treatment in these areas, do not apply while food processing is under way. Except in Federally inspected meat and poultry plants, careful Crack & Crevice application for inspection purposes is permitted at all times. Use in edible product processing areas of Federally inspected meat and poultry plants is limited to Crack & Crevice treatment only. After space treatment in meat packing plants, bakeries, and other food processing plants, wash with an acceptable detergent solution and then wash and rinse with potable water to adequately cover the area being treated. Apply in such a manner to limit dripping and run-off on structural surfaces and plants.

**ANT CONTROL:** For control of localized infestations of these insects in outdoor areas which are landscaped, planted, mulched or unmaintained, treat infested areas. For ants, wet hills and runways. Repeat applications as infestation warrants and as reinfestations occur. For ants and spiders, apply product to cracks and crevices where insects may enter premises or harbor. Areas to be treated include, but are not limited to, weep holes, under siding, wall voids, soffits, eaves around attic vents, cracks and crevices, openings around windows, doors and pipes. Treatment of infested fences and tree holes is permitted.

**CRAWLING INSECTS AND SPIDERS:** For treatment of localized infestations of these insects in outdoor areas which are infested with insects, use a mixture of 2 fl oz of product per gallon of water. Apply at the rate of 1 gal diluted product per 1,000 ft² of surface. For best results, initiate treatments at the beginning of the fly season and repeat weekly during periods of heavy fly activity.

**Flea Control:** Treat animal areas such as dog kennels, hog barns, rabbit hutches, dairy areas, milkerooms, calf hutches, calving pens and parlors. Treat normal fly resting areas such as ceilings, screens, upper corners of the area, around windows and doors, light fixtures and other surfaces known to attract flies. Apply as one complete, wet spray using a mixture of 1.5 fl oz per gallon of water. Apply at a rate of 1 gal diluted product per 1,000 ft² of surface. For best results, initiate treatments at the beginning of the fly season and repeat weekly throughout the period of heavy fly activity.

**Flea Control:** Treat animal areas such as dog kennels and runs. Apply as a coarse, wet spray using a mixture of 2 fl oz of product per gallon of water. Apply at a rate of 1 gal diluted product per 1,000 ft² of surface. Repeat this procedure 2 more times. Do not treat to runoff. Do not spray directly toward the face or eyes. Application may be repeated daily. Do not treat companion animals, such as dogs, cats, puppies or kittens, with this product.

**FOR FLEA CONTROL:** Treat animal areas such as dog kennels and runs. Apply as a coarse, wet spray using a mixture of 2 fl oz of product per gallon of water. Apply at a rate of 1 gal diluted product per 1,000 ft² of surface. Repeat this procedure 2 more times. Do not treat to runoff. Do not spray directly toward the face or eyes. Application may be repeated daily. Do not treat companion animals, such as dogs, cats, puppies or kittens, with this product.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container. Keep away from children. Do not store below 32°F. If exposed to temperatures below 32°F, thaw completely and mix well before using.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site, in accordance with the label directions, or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container! Empty container by using the product according to the label directions. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

- **(< 2.5 gal):** Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinse into application equipment or a mix tank or store rinse for later use or disposal. Repeat this procedure 2 more times.
- **(≥ 2.5 gal):** Empty the remaining contents into application equipment or a mix tank and drain for 10 sec after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 sec. Pour rinsate into application equipment or a mix tank or store rinse for later use or disposal. Drain for 10 sec after the flow begins to drip. Repeat this procedure 2 more times.

Place empty, triple rinsed container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN.

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**A Prescription Treatment® brand insecticide from:** Whitmire Micro-Gen Research Laboratoires, Inc.®

3568 Tree Court Industrial Blvd.
St. Louis MO 63122-6682
© 2008 Whitmire Micro-Gen Research Laboratories, Inc.®

1 In New York State, this product may NOT be applied using residential automated misting systems.

**USE IN AND AROUND LIVESTOCK HOUSING**

**FOR FAST KNOCKDOWN OF FLYING INSECTS:** Close all windows and doors. Using a mixture of 1 - 2 fl oz of product per gallon of water, direct fog upward in all directions at the rate of 3 fl oz diluted product per 1,000 ft² of surface. Ventilate the area after treatment is completed.

**To kill flies in non food animal areas such as dog kennels, hog barns, rabbit hutch, dairy areas, milkerooms, calf hutches, calving pens and parlors:**

**USES:**

- **CARPET:**
  - Treat adjacent cracks and crevices such as behind baseboards and edges of carpet and floor coverings.
  - Treat higher cracks such as under door jams and wall to framing, behind pictures and other areas where females may crawl to lay eggs.
  - Allow spray to thoroughly dry before allowing pets to return.

- **FOOD AREAS:**
  - Do not apply directly to food. In commercial food handling facilities, cover or remove any food, utensils and food processing equipment during application. Cover all food contact surfaces during treatment or thoroughly clean before using. When using this product in food processing areas, treatment in these areas, do not apply while food processing is under way.
  - Except in Federally inspected meat and poultry plants, careful Crack & Crevice application for inspection purposes is permitted at all times.
  - Use in edible product processing areas of Federally inspected meat and poultry plants is limited to Crack & Crevice treatment only.

- **FOOD/FED AREA OF FOOD/FEE D HANDLING ESTABLISHMENTS:**
  - Applications are permitted in food/feed areas of food/feed handling establishments as a general application, spot or crack treatment. Food/feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served.
  - Food/feed areas are areas for receiving, storing, packing, canning (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food. Serving areas where food is exposed and the facility is in operation are also considered food areas.

**FOAM APPLICATION DIRECTIONS:**

- **Product:** This product can be converted to a foam and the foam used to treat structural voids to control insect and arthropod pests in walls, under slabs or in other void areas. Mix 1 part end-use dilution of product with 25 parts foaming agent. This will provide adequate coverage and expansion without significant wetting to interior wall surfaces. Verify before treatment that the foaming agent is compatible with this product.

- **OUTDOOR USE:**
  - Do not apply this product through any type of irrigation system or sprinkler systems, cold ULV foggers, thermal foggers or hand held, aerosol mister/foggers. Apply only as a surface application by backpack, hose-end sprayer, hydraulic sprayer or compressed air sprayer.