

# MotherEarth™ 2% Py

## Contact Insecticide

**KILLS:** Angoumois Grain Moths, Ants (except Fire, Harvester and Pharaoh), Bed Bugs, Bees, Booklice, Carpet Beetles, Centipedes, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Cluster Flies, Cockroaches, Confused Flour Beetles, Crickets, Drug Store Beetles, Earwigs, Fleas, Flies, Fruit Flies, Gnats, Grain Mites, Granary Weevils, Horn Flies, House Flies, Indianmeal Moths, Mediterranean Flour Moths, Millipedes, Mosquitoes, Mud Daubers, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Small Flying Moths, Sowbugs, Spiders (except Black Widow and Brown Recluse), Stable Flies, Ticks and Wasps

**FOR USE IN AND AROUND:** Apartments, Campgrounds, Food Storage Areas, Homes, Hospitals†, Hotels, Motels, Nursing Homes†, Resorts, Restaurants† and other Food Handling Establishments†, Schools†, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks and Aircraft - Cargo Areas Only), Utilities, Warehouses and other Commercial and Industrial Buildings

† See special instructions for these sites under Directions for Use.

### ACTIVE INGREDIENT:

Pyrethrins, a botanical insecticide . . . . . 2.0%

**OTHER INGREDIENTS:** . . . . . 98.0%

TOTAL: 100.0%

EPA Reg. No. 499-520

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

### FIRST AID

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 min. Call a poison control center or doctor for treatment advice.

**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:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give ANY liquid to the person. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call 1-800-225-3320 for emergency medical treatment.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Avoid contact with skin or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Wear long-sleeved shirt and long pants, socks, shoes and gloves. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Remove pets, birds and cover fish aquariums before spraying. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters or rinsate.

### PHYSICAL OR CHEMICAL HAZARDS

**Flammable.** Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

### DIRECTIONS FOR USE

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

Use only with the supplied actuator and injection tubes or other Whitmire Micro-Gen equipment.

† **IN HOSPITALS AND NURSING HOMES:** Apply according to specific directions for pest(s) to be treated. Remove patients from room prior to treatment. Ventilate room for 2 hr after treating. Do not return patients to room until after ventilation.

† **RESTAURANTS AND OTHER FOOD HANDLING ESTABLISHMENTS:** Apply according to specific directions for pest(s) to be treated. When applying as a space treatment in food handling areas, shut down the areas of the operation being treated. Remove or cover foods during treatment. In food processing areas, cover or remove all utensils, shelving, etc., where food will be handled, before treatment or thoroughly wash with an effective cleaning compound followed by a potable

water rinse prior to use. Careful Crack & Crevice application for inspection purposes is permissible at all times except in Federally inspected meat and poultry plants, as provided below.

† **FEDERALLY INSPECTED MEAT AND POULTRY PLANTS:** Apply according to specific directions for pest(s) to be treated. When using this product, apply only when processing area is not in operation. Remove or cover foods during treatment. After a space treatment, thoroughly wash all food processing surfaces and equipment with an effective cleaning compound followed by a potable water rinse before using. To prevent food product contamination, ensure that the treated area is free of odor before the food product is placed in the area.

† **SCHOOLS:** Do not apply to classrooms when in use.

Do not spray on plastic, painted, or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc. Do not use this product in electrical equipment (where there is exposed wiring or contact points) due to possibility of short circuits and shock hazard. Product should only be used when can temperature is above 60°F. If can temperature is below 60°F, store at room temperature until a temperature above 60°F is reached.

**CRACK & CREVICE® TREATMENT:** Inject into cracks, crevices or void spaces where insects may harbor, live and breed. Place injector tip into cracks, crevices, holes and other small openings. Apply product for 1 sec. For light infestations, move injector tip along cracks while treating at the rate of 3 ft/sec. For heavy infestations, move injector tip along at 1 ft/sec. For treatment of



**WHITMIRE MICRO-GEN  
RESEARCH LABORATORIES, INC.**

**NOTE:** 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. **For automatic specimen label updates, register at [www.wmmg.com](http://www.wmmg.com).**



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inaccessible voids (including wall and equipment voids), calculate the void's cubic area and treat at the rate of 5 - 10 sec/3 ft<sup>3</sup>. Several holes may be required in long-running voids.

**SPACE TREATMENT:** Calculate the cubic footage to be treated and apply at the dosage rate specified below for the pest(s) to be treated. Thoroughly ventilate treated areas before reoccupying.

### INDOOR TREATMENTS

**CLUSTER FLIES, FLIES, FRUIT FLIES, GNATS, HORN FLIES, HOUSE FLIES, MOSQUITOES, SMALL FLYING MOTHS AND STABLE FLIES:** Apply as a space treatment at a rate of 1 - 3 sec/1,000 ft<sup>3</sup>. Close all windows and doors. Direct aerosol upward and disperse in all locations. Keep area closed for 15 min. Open and thoroughly ventilate treated areas before reoccupying.

**CLUSTER FLIES, CLOVER MITES, WASPS AND BEES INSIDE STRUCTURAL VOIDS:** For treatment of these pests, locate all insect entrances. Close all but one opening. Determine size of void. Inject 5 - 10 sec/3 ft<sup>3</sup> of void into remaining opening. For best results, treat at dusk or later.

**ANTS, (except Fire, Harvester and Pharaoh) BOOKLICE, CENTIPEDES, CLOVER MITES, CRICKETS, MILLIPEDES, ROACHES, SILVERFISH, SOWBUGS AND SPIDERS (except Black Widow and Brown Recluse):** Apply as a Crack & Crevice treatment in cracks, crevices and areas where these pests hide (such as behind baseboards, sinks, cabinets, meter boxes, door frames and windows). For a space treatment, apply at a rate of 5 - 10 sec/1,000 ft<sup>3</sup>, open cabinets and doors in area to be treated, turn off air conditioners, fans and close doors and windows before treating. Disperse toward area suspected of harboring the greatest insect infestations. Disperse in all locations contacting as many insects as possible. Keep area closed for 15 min. Open and thoroughly ventilate the treated area before reoccupying.

For treatment of void areas such as attics, false ceilings and crawl spaces, calculate the volume of the void and treat at a rate of 5 - 10 sec/1,000 ft<sup>3</sup>.

**BED BUGS:** Take bed apart. Treat joints and channels if hollow, such as square or round tubing, and see that the interior framework is treated. Treat mattresses, especially tufts, folds and edges. Cover mattresses before use. Also treat other areas where bed bugs may be harboring such as box

spring, behind headboards, furniture, wall hangings, base boards, crown moldings and wall voids. Do not use in patient rooms in hospitals and nursing homes for treatment of bed bugs.

**CARPET BEETLES (in residences):** Hold product 36" above floor and direct spray toward floor and lower walls treating at a rate of 5 - 10 sec/100 ft<sup>2</sup>. Also apply as a Crack & Crevice treatment to cracks and crevices near the source of the infestation.

**CLOTHES MOTHS:** Locate source of infestation. Apply as a Crack & Crevice treatment to nearby cracks and crevices and perform a space treatment of the infested area at a rate of 5 - 10 sec/1,000 ft<sup>3</sup>. To protect woolens and other keratin containing materials, brush clean then air out. Before treating entire article, treat a small hidden area of fabric to determine if staining will occur. Treat thoroughly by holding dispenser at least 18" from garment. Put treated articles in a darkened closet or other darkened storage such as cedar chests, storage drawers or sealable plastic fabric bags. For best protection, clean and treat inside of closets or storage areas by treating 1 sec/10 ft<sup>2</sup> before putting treated materials away. Dry clean treated clothes before wearing.

**CARPET BEETLES, CIGARETTE BEETLES, CONFUSED FLOUR BEETLES, DRUG STORE BEETLES, GRAIN MITES, GRANARY WEEVILS, RED FLOUR BEETLES, RICE WEEVILS AND SAWTOOTHED GRAIN BEETLES (for exposed adult and larval stages):** Apply as a Crack & Crevice treatment into cracks and crevices of pantries, cabinets, food processing and handling equipment and other places where insects harbor or as a space treatment at a rate of 5 - 10 sec/1,000 ft<sup>3</sup>. Also apply around cartons, containers and other areas where these insects tend to congregate. Contact as many insects as possible. Repeat treatment weekly or as insects appear. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose.

**ANGOUMOIS GRAIN MOTHS, CHOCOLATE MOTHS, INDIANMEAL MOTHS, MEDITERRANEAN FLOUR MOTHS (for exposed adult and larval stages):** Apply as a space treatment at a rate of 5 - 10 sec/1,000 ft<sup>3</sup>. Close all doors and windows. Direct into all parts of room, especially around stored product containers, pallets and darkened areas. Keep area closed for 15 min fol-

lowing treatment. Open and ventilate before reoccupying. Repeat treatment weekly if necessary. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose.

**FLEAS IN BUILDINGS:** Hold product 36" above floor and direct spray toward floor and lower walls treating at a rate of 5 - 10 sec/100 ft<sup>2</sup>. Make sure that all floor, sofa and chair surfaces are contacted. Keep area closed for 15 min. Open and ventilate before reoccupying. Repeat treatment after 7 days if necessary.

**TICKS:** Holding container 36" above the floor, direct spray toward pet beds and resting quarters treating at a rate of 5 - 10 sec/100 ft<sup>2</sup>. Also apply as a Crack & Crevice treatment into adjacent cracks and crevices such as behind baseboards and edges of carpet and floor covers. Also treat higher cracks such as upper door jams and window framing, behind pictures and other areas where females may crawl to lay eggs.

### STORAGE & DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool area away from heat or open flame.

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

**CONTAINER DISPOSAL:** Do not puncture or incinerate! Empty container by using the product in accordance with the label directions. Offer empty container for recycling, if available, or place in trash if allowed by state and local regulations. If container is partly full, contact your local solid waste agency.

Contains no CFCs or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.



A MotherEarth™ brand insecticide from:  
Whitmire Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Industrial Blvd.  
St. Louis MO 63122-6682  
www.wmmg.com

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