MotherEarth® 2% Py

Contact Insecticide

SPECIMEN

KILLS: Angoumois Grain Moths, Ants (except Fire, Harvester and Pharaoh), Bed Bugs, 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 use restrictions 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 **EPA Est. No.**

KEEP OUT OF REACH OF CHILDREN

CAUTION

NET CONTENTS:

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

BASF
We create chemistry

FIRST AID	
If on skin or clothing	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 min. • Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-832-HELP 24hr/day, 7 days/week.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Avoid contact with skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Personal Protective Equipment (PPE): Applicators and other handlers must wear the following: Long-sleeved shirt, long pants, shoes and socks and chemical-resistant gloves made of any waterproof material.

In addition to the above PPE, applicators fogging this product (applying as a space spray) in an enclosed area must wear a half-face, full-face, or hood-style NIOSH-approved respirator with: a dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a cartridge or canister with any R, P or HE filter.

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.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils with shallow water tables are more prone to produce runoff that contains this product.

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.

DO NOT apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

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 RESTRICTIONS

- Apply this product only as specified on this label.
- **DO NOT** apply more than 1 time/day.
- 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.
- Use only with the supplied actuator and injection tubes or other application equipment approved by the registrant.
- Only protected applicators may be in treatment area during application.
- **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift.
- For direct or surface sprays: **DO NOT** enter or allow others to enter the treated area until sprays have dried.
- For space sprays: **DO NOT** enter or allow others to enter the treated area until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated.
- Remove pets, birds, cover fish aquariums and turn off air pump motor before application.

- **DO NOT** spray on plastic, painted, or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc.
- Remove or cover all food and drinking water, in the treatment area, before application.
- Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces in the treatment area, or wash them before use.
- For space spray applications in food handling and processing facilities:
  - **DO NOT** make applications when facility is in operation.
  - Cover or remove food in the treatment area.
  - Cover food processing surfaces, in the treatment area, or clean after treatment and before use.
- Except when applying to sewers or drains as instructed on this label, **DO NOT** apply directly to 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** make outdoor applications during rain.
- **DO NOT** wet articles to point of runoff or drip.
- **DO NOT** use treated articles until spray has dried.
- For direct application to clothing, dry clean treated clothes before wearing.
- **DO NOT** use in aircraft cabins. Use only in cargo areas.
- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
- In livestock operations, apply only when animals are not present.
- **DO NOT** apply this product in hospital rooms while occupied or in any rooms occupied by the elderly or infirm. Remove patients from room prior to treatment and thoroughly ventilate (2 hr) after application. **DO NOT** return patients to room until after ventilation.
- **DO NOT** use in patient rooms in hospitals and nursing homes for treatment of bed bugs.
- **DO NOT** apply to classrooms when in use.

APPLICATION DIRECTIONS

This product is a pressurized, ready-to-use insecticide. Apply according to specific directions for pest(s) to be treated.

CRACK & CREVICE® APPLICATION: Inject this product into cracks and crevices or void spaces where insects may be harboring, living and breeding. 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 inaccessible voids (including wall and equipment voids), calculate the void's cubic area and treat at the rate of 3 to 5 sec/3 ft^3. Several holes may be required in long-running voids.

DIRECT SPRAY: Apply the product in short bursts into the area where insects are to be contacted such as corners of the room, behind and under furniture or equipment. Apply from a distance of 18 to 24" from the surface and allow the material to drift to the area to be treated. The amount of product applied is not to exceed 10 sec/room for residential areas or 10 sec/100 ft^2 for commercial areas.

SPACE SPRAY: Turn off air conditioners and fans; close doors and windows before treating. Calculate the cubic footage of the area to be treated and apply as follows:
Flying Insects: Apply at the rate of 1 to 3 sec/1,000 ft^3.
Crawling Insects: Apply at a rate of 20 sec/1,000 ft^3.
Disperse toward areas 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 before reoccupying.

INDOOR TREATMENTS

Apply this product as a Crack & Crevice treatment, space spray and/or direct spray. Apply according to the Application Instructions unless otherwise instructed below.

CLUSTER FLIES, CLOVER MITES, FLIES, FRUIT FLIES, GNATS, HOUSE FLIES, MOSQUITOES, SMALL FLYING MOTHS AND STABLE FLIES, WASPS AND BEES: Perform directed spray and/or void treatments in infested areas. **INSIDE STRUCTURAL VOIDS:** Locate all insect entrances and close all but one opening. Apply product through that opening.

ANTS (excluding Fire, Harvester and Pharaoh), BOOKLICE, CLOVER MITES, CRICKETS, MILLIPEDES, ROACHES, SILVERFISH, SOWBUGS AND SPIDERS (excluding Black Widow and Brown Recluse): Treat harborage areas such as behind baseboards, sinks, cabinets, meter boxes, door frames, corners of rooms and windows. Open and thoroughly ventilate the treated area before reoccupying.

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 with clean bedding before use. When bed bugs are found in upholstered furniture, apply only to the infested tufts, seams, folds and edges and underneath all areas, but **DO NOT** apply to flat surfaces where human contact will occur. Apply as a Crack & Crevice treatment to all baseboards, moldings, beneath floor coverings and carpets, closets, shelves, curtains, furniture and picture frames. Direct spray into areas where bed bugs harbor. **DO NOT** use in patient rooms in hospitals and nursing homes for treatment of bed bugs. Reapply every 7 to 10 days, as needed, until infestation is eliminated.

CARPET BEETLES (in Residences): Hold product 36" above floor and direct spray toward floor and lower walls, treating at the rate of 5 to 10 sec/100 ft^2. Also apply to cracks and crevices near the source of the infestation.

CLOTHES MOTHS: Locate source of infestation. Apply to nearby cracks and crevices and perform a space treatment of the infested area at the rate of 5 to 10 sec/1,000 ft^3.

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 ≥ 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. Clean and treat inside of closets or storage areas at the rate of 1 sec/10 ft^2 before putting treated materials away. Repeat treatment every 6 mo or as needed. Dry clean treated clothes before wearing.

STORED PRODUCT PESTS – For exposed adult and larval stages of Angoumois Grain Moths (crawling), Carpet Beetles, Chocolate Moths, Cigarette Beetles, Confused Flour Beetles, Drug Store Beetles, Grain Mites, Granary Weevils, Indianmeal Moths, Mediterranean Flour Moths (flying), Red Flour Beetles, Rice Weevils and Sawtoothed Grain Beetles: Apply as a Crack & Crevice, direct spray, or space spray into cracks and crevices/corners of pantries, cabinets, food processing and handling equipment and other places where insects harbor. Apply around cartons, containers and other areas where these insects tend to congregate.

FLEAS (in Buildings): Hold container 36" above floor and direct spray toward floor and lower walls at the rate of 5 to 10 sec/100 ft^2. Ensure that the underneath and lower surfaces of furniture are contacted. Keep area closed for 15 min. Open and thoroughly ventilate before reoccupying. Repeat treatment after 7 days if necessary.

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

FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS

Food handling establishments are places other than private residences in which food is held, processed, prepared or served.

FOOD AREAS: Include areas for receiving, serving, storing (dry, cold, frozen, raw), packing (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups).

NON-FOOD AREAS: Include areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage areas (after canning or bottling).

Apply according to specific directions for pest(s) to be treated. **DO NOT** make space spray applications to food areas when the facility is in operation. Prior to space spray applications, remove or cover exposed food and drinking water in the treatment area. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces in the treatment area, or wash them before use. **DO NOT** apply more than 1 time/day.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry area away from heat or open flame and inaccessible to children.

PESTICIDE DISPOSAL: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: DO NOT puncture or incinerate! **If empty:** Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

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

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NO CFCs
DEPLETE THE OZONE LAYER

CONDITIONS OF SALE AND WARRANTY

Follow the **Directions for Use**. It is impossible to eliminate all risks inherently associated with use of this product, and therefore all such risk shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks, referred to above. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) BASF MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND BASF'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** BASF and the Seller offer this product, and the Buyer accepts it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF. PCS813

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