

1021-1666

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

AUG 24 2007

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Julie Schlekau  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427-4319

Dear Ms. Schlekau:

Subject: Pyrocide Pressurized Multi-Purpose Spray 7416  
EPA Reg. No. 1021-1666  
Submission dated 3/1/07

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

In accordance with PR Notice 98-10, and to conform to the ingredient statement, revise the claim "Contains the botanical insecticide pyrethrum an extract of a chrysanthemum flower" to read: "Contains pyrethrins, a botanical insecticide". Revise other references to "pyrethrum" to read "pyrethrins"

Revise the claim "Broad Spectrum Kill" to read: "Kills listed pests"

Revise the 4<sup>th</sup> sentence of the Precautionary Statements to read as follows:  
Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

Under the Directions for use, insert a subsection entitled "Use Restrictions". Revise the statement "Avoid Contamination of food or feedstuffs" to read "Do not contaminate food or feedstuffs" and move it to this subsection.

In accordance with the efficacy review dated September 21, 2006, revise the following

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claims:

Delete "effective" when used in kill claims.

Delete "fast effective product for flying insect control."

Delete the following safety claim:

Effectively kills exposed stages of stored product pests without persistent residue problems because it breaks down quickly on treated surfaces exposed to light.

Delete the following statements as they detract from the directions for use:

For most effective results, follow directions for specific use areas.

For maximum efficacy...

All directions to ventilating treated areas must be revised to direct that the areas be ventilated thoroughly.

Specify application rates to kill poultry lice and bedbugs.

Delete from the flea and tick directions the following statement which implies residual action:

"To obtain protection against reinfestation"

Revise the statement "not for use in food areas or where food processing is underway" to read "Do not use in food areas when food processing is underway".

Revise the statements about use in food handling establishments and food processing plants to read as follows:

When applying as a space treatment in food handling areas, the food handling operation must be shut down. In food processing areas, all utensils, shelving, etc, where food will be handled must be covered or removed before treatment or washed with an effective cleaning compound followed by a potable water rinse prior to use.

In the directions for use in canneries, revise the "control" claim to "kill" claim.

Note that Notices of Availability of EPA's Reregistration Eligibility Documents (REDs) for products containing pyrethrins and piperonyl butoxide were published in the Federal Register on July 26, 2006. Additional data and/or labeling changes may be required for products containing pyrethrins and piperonyl butoxide.

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If you have questions, please call Ann Sibold at 703 305-6502.

Sincerely,

*Ann Sibold*

*for*

Richard Gebken  
Product Manager 10  
Insecticide Branch  
Registration Division (7505P)



McLAUGHLIN  
GORMLEY  
KING COMPANY

PYROCID<sup>®</sup> Pressurized Multi-Purpose Spray 7416

8810 Tenth Avenue N. / Minneapolis, Minnesota 55427-4372 U.S.A. - Telephone (763) 544-0341

[ ] OR ( ) indicates alternate or optional wording

Contains the botanical insecticide, Pyrethrum [an extract of a Chrysanthemum flower]

Kills Stable Flies, Horse Flies, Face Flies, Deer Flies, House Flies, Mosquitoes and Gnats

For use in Animal Quarters, Dairies, Milk Rooms, Milking Parlors, Calving Areas, Dairy and Hog Barns as well as outdoor areas

For use on Beef Cattle, Dairy Cattle, Horses, Hogs, Chickens, and other livestock

Quick killing pyrethrin kills crawling and flying insects in the dairies, barns, storage sites and other listed areas

For Use in Homes For Bedbugs, Clothes Moths, Carpet Beetles, Cockroaches, Fleas, Ticks, and Other Listed Pests

For use in homes and food and non-food areas of restaurants, food processing plants, and other commercial and industrial sites

Kills cockroaches, flies, mosquitoes, stored product pests, and other listed flying and crawling pests

[With whisper quiet sprayer]

[Broad-spectrum kill]

ACTIVE INGREDIENTS:

Pyrethrins .....	0.50%
* Piperonyl butoxide, Technical .....	5.00%
OTHER INGREDIENTS.....	94.50%
	100.00%

\* Equivalent to 4.00% (butylcarbityl) (6-propylpiperonyl) ether and 1.00% related compounds.

PYROCID<sup>®</sup> - Registered trademark of McLaughlin Gormley King Company

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 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.

Net Weight \_\_\_\_\_

Manufactured by:

Mc LAUGHLIN GORMLEY KING COMPANY

8810 Tenth Avenue North

Minneapolis, MN 55427

EPA Reg. No. 1021-1666

EPA Est. No. 1021-MN-2

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

AUG 24 2007

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.

1021-1666

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Avoid contamination of food or feedstuffs.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in or on electrical equipment due to possibility of shock hazard.

[PYROCID<sup>®</sup> Pressurized Multi-Purpose Spray 7416] [brand name] contains the quick killing botanical insecticide, Pyrethrum, [an extract of a Chrysanthemum flower], which provides effective kill of insects upon direct contact with an added benefit of flushing these insects to aid in a more complete kill.

[PYROCID<sup>®</sup> Pressurized Multi-Purpose Spray 7416] [brand name] can be used in listed animal quarters. [This product] provides fast, effective kill of the listed pests. [PYROCID<sup>®</sup> Pressurized Multi-Purpose Spray 7416] [brand name] can also be used on listed livestock and horses for quick kill of pests on these animals.

[PYROCID<sup>®</sup> Pressurized Multi-Purpose Spray 7416] [brand name] can be used in listed pet quarters. [This product] [brand name] provides fast, effective kill of the listed pests.

[PYROCID<sup>®</sup> Pressurized Multi-Purpose Spray 7416] [brand name] can be used in restaurants and other listed areas to kill, on contact, listed crawling pests and is a fast, effective product for flying insect control. Effectively kills exposed stages of stored product pests without persistent residue problems because it breaks down quickly on treated surfaces exposed to light.

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For use in: Animal Holding Areas, Animal Quarters, Ant Hills, Attics, Barns, Beef Barns, Bottling Plants, Buildings Housing Animals or Poultry, Calving Barns, Canneries, Commercial Buildings, Crematoriums, Dairy Barns, Dairies, Dried Fruit Storage Areas, Dumpsters, Factories, Farm Structures, Food Processing Plants, Food Storage Areas, Funeral Parlors, Garbage Cans, Goat Holding Areas, Grain Elevators, Grain Storage, Hog Barns, Homes, Horse Stables, Hotels, Industrial Plants, Institutions, Kennels, Kitchens, Livestock Holding Areas, Loafing Sheds, Mausoleums, Milk Houses, Milk Rooms, Milk Sheds, Milking Rooms, Mortuaries, Pet Sleeping Areas, Poultry Houses, Railroad Cars, Restaurants, Rice Mills, Seed Storage, Sheep Holding Areas, Ships, Stables, Storage Areas [Sites], Stored Products, Supermarkets, Swine Houses, Theaters, Tobacco Warehouses, Trailers, Trucks, Utility Rooms, Veterinaries, Warehouses, Washrooms, Wheat Mills.

#### DIRECTIONS FOR USE

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

#### READ ALL DIRECTIONS COMPLETELY BEFORE USE

For most effective results, follow directions for specific use areas.

**SHAKE BEFORE USE AND AT INTERVALS DURING PROLONGED USE.** Hold container upright with nozzle away from face. Press valve down and spray as directed.

**FOR USE IN ANIMAL QUARTERS,** Barns, Dairies, Milking Parlors, Milking Rooms, Poultry Houses and other listed animal areas: For rapid kill of Flies, Mosquitoes, Gnats, Stable Fly, House Fly, Horse Fly, Lesser House Fly, Deer Fly, Horn Fly, Black Fly: Spray at the rate of 5 to 10 seconds per 1000 cubic feet of space directing the spray toward the ceiling and upper corners and not directly towards the animals or birds. For best results, close doors and windows if possible, before spraying and keep them closed for 10 to 15 minutes. Applicator should vacate the treated area and ventilate it prior to returning.

#### FOR USE ON LIVESTOCK:

To protect beef cattle, dairy cattle, horses and other livestock from attacks and to kill Stable Flies, Horse Flies, Deer Flies, House Flies, Horn Flies, Lesser House Flies, Mosquitoes and Gnats, spray about 3 seconds on each side being careful to spray back, withers and forelegs thoroughly.

To protect from Face Flies, spray the face and head or spray on a cloth and rub on the face being certain to avoid contact with the eyes. Repeat treatment as necessary when flies are troublesome.

For biting and sucking lice on cattle, horses, sheep, goats and hogs, spray to thoroughly wet the hair of the animal including the head and brush of the tail. Repeat treatment in 10 days to kill newly hatched lice.

For poultry lice and exposed stages of Darkling Beetles, spray roosts, walls and nests or cages thoroughly, followed by spraying over the birds with a fine mist.

For bedbugs and mites on poultry and in poultry houses, spray crevices of roost poles, cracks in walls and cracks in nests where the bedbugs and mites hide, followed by spraying over the birds with a fine mist.

For sheep "tick" or ked, thoroughly wet all portions of the body by spraying directly into the wool. Treat at a rate to sufficiently wet the animal.

To kill fleas and Ixodid ticks on livestock and to obtain protection against reinfestation, spray to thoroughly wet animal.

[INDOOR USE]:

[Not for use in food areas or where food processing is underway]

#### SPACE TREATMENT INDOORS:

For maximum efficacy, close all doors and windows, turn off fans and air conditioner and spray upward into center of room with slow sweeping motion. Spray 5 to 10 seconds for average size room [1,000 cubic feet] [10 ft. x 12 ft. x 8 ft.]. Keep room closed for 15 minutes after spraying. Ventilate room for 5 minutes before entry. For use in Food Areas of Food Handling Establishments: When applying space treatment in food handling areas, the food handling operation should be shut down. In food processing areas, all utensils, shelving, etc., where food will be handled should be covered or removed before treatment or washed with an effective cleaning compound followed by a potable water rinse prior to use.

**FLIES, GNATS, MOSQUITOES, FLYING MOTHS,** exposed stages of Indian Meal Moth, Angoumois Grain Moth, Tobacco Moth, Clothes Moth, Chocolate Moth, Almond Moth, Miller Moth and other listed flying insects: Direct spray into all parts of the room, with special attention to hiding places. Sweep up and destroy fallen insects.

#### SPACE TREATMENT OUTDOORS:

**FOR ADULT MOSQUITO, GNAT, MIDGE, FLY AND FLYING INSECT:** Use prior to entry outdoors to reduce annoyance from these and other flying pests. Spray around patio, porches, gazebos, shrubbery, vegetation and any other listed areas where mosquitoes may rest. For best results, treat when wind velocity does not exceed 5 miles per hour.

**EXPOSED STAGES** of Indian Meal Moth, Angoumois Grain Moth, Tobacco Moth, Chocolate Moth, Almond Moth, Millers and other flying moths: Direct spray into all parts of room, especially around stored food product containers, pallets and darkened areas. Infested stored products should be fumigated or treated with EPA approved products [such as] [brand name].

#### SURFACE TREATMENT INDOOR:

Contact as many insects as possible with this spray. Apply spray at the rate of 30 seconds for each 100 square feet of surface area. Keep area closed for 45 minutes after treatment. Ventilate room 20 minutes before re-entry.

**COCKROACHES** [Smoky Brown Cockroach, Brown Banded Cockroach, Asian Cockroach, German Cockroach, American Cockroach, Australian Cockroach, Oriental Cockroach, (Waterbugs, Palmetto Bugs)], Crickets, Firebrat, Silverfish, Booklice, Scorpions, Spiders, Centipedes, Sowbugs, Pillbugs, Earwigs, Clover Mites, Lice and Millipedes: Thoroughly spray all parts of the room suspected of harboring these pests. Special attention should be paid to hiding places such as crack and crevices, behind and beneath sinks, stoves, refrigerators, around garbage cans, cabinets, along baseboards, door sills, frames and floors, around drains, pipes, plumbing, behind bookcases, storage and other utility installation areas contacting insects with spray whenever possible.

**EXPOSED STAGES** of Flour Beetles, Cadellés, Rice Weevils, Flat Grain Beetles, Cigarette Beetle, Confused Flour Beetle, Drugstore Beetle, Lesser Grain Borer, Merchant Grain Beetle, Saw-toothed Grain Beetle, Grain Weevils, Warehouse Beetle, Red Flour Beetle, Grain Mites, Cheese Mites, Flour Beetles, and Indian Mealworm. Find and destroy infested package goods [sacks] (boxes) (cartons) (containers)]. Remove all other items from shelves and drawers and

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clean thoroughly. Spray into cracks and crevices, shelves, drawers, cabinets, processing and handling equipment, around cartons or containers and other areas where these insects tend to congregate.

**FOR USE IN CANNERIES:** Thoroughly clean floors, conveying equipment and walls, with special attention to cracks and crevices, prior to bringing in produce. Spray the entire space inside of the cannery including walls, ceiling and floors, paying special attention to forcing the spray into all cracks and crevices for the control of ants, cockroaches, silverfish, crickets, spiders, fruit flies, moths, house flies, cheese mites and other listed insects.

**FOR USE IN FOOD AND NONFOOD AREAS OF FOOD PROCESSING PLANTS, Industrial Installations, Bakeries, Rice and Wheat Mills, Restaurants, Tobacco Warehouses, Grain Elevators and Warehouses:** Spray as directed to kill listed flying and crawling insects. The use of this product in food processing or food handling establishments should be confined to time periods when the plant is not in operation. Food should be covered or removed during treatment.

**FOR USE IN STORAGE SITES:** This product can be used in warehouse bins and trucks, cargo ships, mills, bin hoppers, elevators and conveying equipment as a clean up prior to using them for storage. In mills and elevators, all infested accumulations of grain should be removed from the bin hoppers. All storage and conveying equipment should be thoroughly cleaned by sweeping out the waste grain, cobwebs and other debris from the walls and rafters as well as on the floor and door frames with special attention to material lodged in the cracks and crevices. All of the debris should be removed and burned to kill eggs and insects that might be present.

**FOR FARMS,** particular attention should be given to cleaning up around the used feed and grain bags, grain residues from wagons, harvesting equipment and feed troughs. Newly harvested grain should not be placed in the same bin with carry-over grain and all carry-over grain stocks that are not treated with grain protectant should be fumigated. These cleaning operations should be done within two or three weeks before harvest.

After above sanitation measures have been employed, spray all areas prior to use for storage as directed.

**ANTS, Foraging Fire Ants, Pharaoh Ants, Carpenter Ants [Eastern (Western)]:** Treat doors, around window frames, ant trails and hills and other areas of entry. Spray on ants where possible.

**CARPET BEETLES [Dermestids (Trogoderma)]:** Directly spray as many insects as possible. Spray both interior and exterior of furniture. Both top and bottom of rugs and carpets should be sprayed thoroughly, where possible. Also treat shelves, closets, areas under furniture, floors, walls, baseboards and wherever these insects are seen or suspected.

**CLOTHES MOTHS and other Flying Moths:** Remove any infested articles from storage, brush thoroughly, and air for several hours in sunlight, if possible. Apply liberally to empty chests, closets, bureaus and other storage areas directing the spray into cracks, joints, and crevices. Return clean articles after spray has thoroughly dried.

**BEDBUGS:** Spray mattresses, particularly around tufts and seams. Take beds apart and spray into all joints. Treat baseboards, moldings and floors. Allow treated fabric to dry thoroughly before using.

**FLEAS AND TICKS: FOR USE IN LISTED PET AREAS.** Remove and either launder or destroy pet's old bedding. To reduce infestation, thoroughly spray the animal's clean bedding, sleeping quarters, kennel, around baseboards, window and door frames, wall cracks, local areas of floors and other resting places until the surface is slightly moist. Treat these areas at the rate of two seconds per linear foot at the distance of 12 to 18 inches. Also spray the entire inside surface of doghouses. Put fresh bedding in pet's quarters after spray has dried. Allow treated areas to dry thoroughly before allowing pets to re-enter. For best results, pets should be treated with an EPA registered flea and tick control products before they return to the treated area. **DO NOT TREAT PETS WITH THIS PRODUCT.**

#### STORAGE AND DISPOSAL

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

**STORAGE:** Store in a cool, dry place away from children, preferably a secure storage area.

**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.

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