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9/26/97

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Ms. Julie Schlekau  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427

SEP 26 1997

Dear Ms. Schlekau:

Subject: General Label Revisions/ Modification of Application to Nesting Insects  
Dry Pyroicide Insecticide  
EPA Reg. No 1021-1665  
Your May 2, 1997 Submission

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Please note that since your product is applied to pets, compliance with PR Notice 96-6 is required prior to October 1, 1998.

Sincerely,

George T. LaRocca  
Product Manager (13)  
Insecticide Branch  
Registration Divison (7505C)

Enclosure

SMW

[Dry Pyroclde®] [brand name] kills [controls] [keeps on working for] up to 6 months when undisturbed  
 [Dry Pyroclde®] [brand name] can be used in homes, institutions, food/feed plants and many other areas

Contains the botanical insecticide, Pyrethrum [an extract of a Chrysanthemum flower]  
 Kills [controls] and Repels ants, cockroaches, silverfish, fleas and other listed insects

**ACTIVE INGREDIENTS:**

Pyrethrins.....	1.00%
* Piperonyl butoxide, Technical.....	10.00%
Silicon Dioxide.....	60.00%
INERT INGREDIENTS.....	29.00%
	<u>100.00%</u>

\* Equivalent to 8.00% (butylcarbityl) (6-propylpiperonyl) ether and 2.00% related compounds.  
 PYROCLDE® - Registered trademark of McLaughlin Gormley King Co.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

<b>IF SWALLOWED:</b>	Call a physician or Poison Control Center immediately.
<b>IF IN EYES:</b>	Flush with plenty of water. Get medical attention if irritation persists.
<b>IF ON SKIN:</b>	Wash with plenty of soap and water. Get medical attention if irritation persists.
<b>IF INHALED:</b>	Remove victim to fresh air. Apply artificial respiration if indicated.

**PRECAUTIONARY STATEMENTS**

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Avoid contamination of food and feedstuffs.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

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[Dry Pyroclde®] [brand name] contains the quick killing botanical insecticide, Pyrethrum, [an extract of a Chrysanthemum flower,] which provides effective control on insects upon direct contact with an added benefit of flushing [repelling] these insects to aid in a more complete control [kill].

The silicon dloxide, in [Dry Pyroclde®] [brand name] provides long term [residual] control through a desiccating action [drying action] [abrasive action]. Put the powder down and insects walking on it will continue to die for up to 6 months.

[Dry Pyroclde®] [brand name] provides fast, effective control [kill] and repellancy of cockroaches, ants, pharaoh ants, foraging drywood termites and other listed insects.

[Dry Pyroclde®] [brand name] can be used in the home and other listed areas to control [kill], on contact, listed crawling pests. Effectively controls [kills] exposed stages of stored product pests.

[Dry Pyroclde®] [brand name] provides quick kill [control] with Pyrethrins and long term [residual] control with silicon dloxide.

Kills [controls] insects on contact [such as]:

- |                        |                    |                                    |                       |
|------------------------|--------------------|------------------------------------|-----------------------|
| Cockroaches            | Lesser Grain Borer | Drugstore Beetle                   | Grain Mites           |
| Smokey Brown Cockroach | Dark Mealworm      | Merchant Grain Beetle              | Grain Weevil          |
| Brown Banded Cockroach | Rice Weevil        | Yellow Mealworm                    | Flour Beetle          |
| Asian Cockroach        | Ants               | Carpenter Ants [Eastern (Western)] | Warehouse Beetle      |
| German Cockroach       | Spiders            | Dust Mites                         | Bees                  |
| American Cockroach     | Scorpions          | Pharaoh Ants                       |                       |
| Australian Cockroach   | Lice               | Drywood Termites                   | Clover Mites          |
| Oriental Cockroach     | Silverfish         | Fleas                              | Red Flour Beetle      |
| Crickets               | Firebrat           | Brown Dog Tick                     | Wasps                 |
| Waterbugs              | Bedbugs            | Lone Star Tick                     | Yellow Jackets        |
| Palmetto Bugs          | Earwigs            | American Dog Tick                  | Confused Flour Beetle |
|                        | Sowbugs            | Gulf Coast Tick                    | Hornets               |
| Granary Insects        | Pillbugs           | Centipedes                         | Cheese Mites          |
| Flat Grain Beetle      | Millipedes         | Booklice                           |                       |
| Cadelle                |                    | Mites                              |                       |
| Cigarette Beetle       | Weevils            | Sawtoothed Grain Beetle            |                       |

For use in [including, but not limited to] [such as]:

Airplanes, Animal Quarters, Ant Hills, Ant Mounds, Apartments, Attics, Automobiles, Bakeries, Barns, Basements, Bathrooms, Bedding, Bedrooms, Beverage Plants, Boats, Bookcases, Bottling Plants, Buildings Housing Animals or Poultry, Buses, Cabins, Cafeterias, Calving Barns, Campers, Camp Sites, Canneries, Cat Sleeping Quarters, Chests, Clothes Storage, Closets, Closed Porches, Commercial Buildings, Condominiums, Crematoriums, Cupboards, Dairy Barns, Dairies, Day Care Centers, Dens, Dog Houses, Dog Sleeping Quarters, Dormitories, Dried Fruit Storage Areas, Drive-Ins, Drugstores, Dumpsters, Fabric Storage Areas, Factorles, Farm Structures, Food/Feed Processing Plants, Food/Feed Storage Areas, Funeral Parlors, Garages, Garbage Cans, Gazebos, Goat Holding Areas, Grain Elevators, Grain Storage, Greenhouses non-plant use, Homes, Horse Stables, Hog Barns, Hospitals (non-occupied patient areas) Hotels, Houses, Industrial Plants, Indoor Eating Establishments, Industrial Plants, Institutions, Jails, Kennels, Kitchens, Lanais, Livestock Holding Areas, Living Rooms, Loafing Sheds, Locker Rooms, Man Holes, Mattresses, Mausoleums, Mess Halls, Milk Houses, Milk Rooms, Milk Sheds, Milking Rooms, Mobile Canteens, Mobile Homes, Morgues, Mortuaries, Motels, Nursing Homes, Office Building, Other Public Buildings, Outdoor Eating Establishments, Patios, Pet Bedding, Pet Grooming Parlors, Pet Sleeping Areas, Pet Stores, Pet Carriers, Play Houses, Play Rooms, Porches, Poultry Houses, Prisons, Quonset Huts, Railroad Cars, Recreation Vehicles, Recreational Areas, Restaurants, Rice Mills, Rooms, Schools, Seed Storage, Sewers, Sheep Holding Areas, Shelf Areas, Ships, Solarium, Sports Stadiums, Stables, Storage Areas [Sites], Stored Product Areas, Sunrooms, Supermarkets, Swine Houses, Taverns, Tents, Theaters, Tobacco Warehouses, Trailers, Trains, Transportation Vehicles, Tree Houses, Tree Nuts Storage Areas, Trucks, Utility Junction Boxes, Utility Junction Pedestals, Utility Rooms, Verandas, Veterinaries, Warehouses, Washrooms, Wheat Mills and Zoos.

**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**

Not for use in USDA Meat and Poultry Plants

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

Do not apply this product in hospital patient rooms while occupied or in any rooms while occupied by the elderly or infirm.

Do not apply in classrooms when in use.

Do not apply to institutions (including libraries, sport facilities, etc.) in the immediate areas when occupants are present.

**APPLICATIONS WITHIN FOOD/FEED AREAS:**

Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms but excluding areas where foods may be prepared or held.

In the home, cover all food handling surfaces and cover or remove all food and cooking utensils, or wash thoroughly after treatment.

In food/feed processing plants and warehouses, bakeries, beverage and bottling plants, restaurants, schools, kitchens, supermarkets, meat and poultry processing plants, hotels, motels, hospitals, milking areas, meat, poultry and other livestock areas, THIS PRODUCT IS LIMITED TO CRACK AND CREVICE TREATMENT ONLY.

Using a bulbous, mechanical or electric duster apply a small amount of material directly into cracks and crevices such as expansion joints between different elements of construction or between equipment bases and the floor, wall voids, motor housing, junction boxes or switch boxes, conduits or hollow equipment legs where listed insects hide. Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces.

APPLICATIONS OF THIS PRODUCT IN THE FOOD/FEED AREAS OF FOOD/FEED HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT, ARE NOT PERMITTED.

**NON-FOOD/NON-FEED AREAS:**

Non-food/feed areas of food/feed areas are 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 (after canning or bottling).

**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: Distribute [Dry Pyroclide®] [brand name] at the rate of 1.5 ounces per 100 square feet of surface area. Apply a continuous visible film 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. For severe infestations apply behind cabinets and walls, in crawl spaces and attics at a rate of 12 ounces per 1000 square feet. Repeat as necessary.

**FOR USE ON STORED PRODUCTS:**

**EXPOSED STAGES** of Flour Beetles, Caddis, Rice Weevils, Flat Grain Beetles, Cigarette Beetles, Confused Flour Beetles, Drugstore Beetles, Lesser Grain Borer, Merchant Grain Beetle, Sawtoothed Grain Beetle, Grain Weevils, Warehouse Beetle, Red Flour Beetle, Grain Mites, Cheese Mites, Granary Insects and Mealworms. Find and destroy infested package goods [sacks (boxes) (cartons) (containers)]. Remove all other items from pantry, shelves and drawers. Thoroughly treat floors, walls and other surfaces in bins, storage and handling areas, shelves, drawers, cabinets, processing and handling equipment, around cartons or containers and other areas where these insects tend to congregate. Repeat as necessary.

**FOR USE IN STORAGE SITES:** This product can be used in warehouse bins and trucks, cargo ships, mills, bin hoppers, elevators and conveying equipment and other listed sites as a clean up prior to using them for storage. In mills and elevators, all infested grain accumulations 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 disposed of in outside trash. Repeat as necessary.

**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, dust all areas prior to use for storage. Apply dust to floors, ceilings and partition boards of bins, paying particular attention to cracks and crevices. Repeat as necessary.

**ANTS,** Pharaoh Ants, Carpenter Ants: Treat doors, around window frames, ant trails and hills, cracks and crevices and other areas of entry. Repeat as necessary.

**BEDBUGS:** Take bed apart. Dust into joints and channels. If hollow, such as square or round tubing, see that the interior of framework is well dusted. Mattresses should be dusted, especially tufts, folds and edges. Picture frame molding and all crack and crevices in the room should be treated. Repeat as necessary.

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**LICE, FLEAS AND TICKS ON DOGS AND CATS:** Liberally apply powder to the animal, rubbing thoroughly to the skin. Begin with the neck and include the underbody, legs, feet and the base of the tail. Some temporary drying of the animal's skin may occur. Repeat as necessary. **DO NOT TREAT KITTENS OR PUPPIES LESS THAN EIGHT WEEKS OLD.**

**FOR USE IN LISTED PET AREAS:** Remove and destroy or wash pet's old bedding. To reduce infestation, dust around animal's bedding, sleeping quarters, kennel, around baseboards, window and door frames, wall cracks, floors, carpeting and other resting places. Also dust the entire inside surface of dog houses. Put fresh bedding in pet's quarters. Repeat as necessary.

For best results, to protect your pet against and to minimize reintroduction of adult fleas from outdoors, use EPA registered flea and tick products, ([such as] [brand name] flea or flea and tick collar, [brand name] pet powder, [brand name] pet spray, [brand name] pet dip, [brand name] pet shampoo, flea shampoo or flea and tick shampoo), in conjunction with this application and prior to re-entry. Repeat as necessary.

**FOR USE IN UNOCCUPIED ANIMAL QUARTERS,** Barns, Dairies, Milking Parlors, Milking Rooms, Poultry Houses and other listed animal areas: Use in cracks, crevices, walls, joints between stalls, floors and other areas where pests may hide. Avoid contamination of feed, feedstuffs, milking equipment. Repeat as necessary.

**DRYWOOD TERMITES:** To protect against entrance, using an electric or hand operated rotary duster, distribute [Dry Pyroicide®] [brand name] through an entry, crawl hole into attic and crawl space of building, at a rate of 12 ounces per 1000 square feet. All vents and blowers on the windward side should be closed. Contact all wood surfaces. In case of localized infestations, probe to locate galleries and drill holes to inject [Dry Pyroicide®] [brand name] into the galleries. If a reasonably heavy infestation is suspected, professional treatment should be employed. Repeat as necessary.

**BEES, HORNETS, YELLOWJACKETS AND WASPS:** It is generally advisable to treat nests in the evening when insects are less active and have returned to the nest. Using hand or power duster or other suitable means, with extension tubes, if necessary, thoroughly dust nest and entrance and surrounding areas where insects alight. Nests in wall voids can be located by listening with your ear against the wall. To treat, drill a hole in the wall and blow dust into nesting area. Cover hole after removing extension tubes. For best results check nests carefully one to two days after treatment to ensure complete kill. Then remove and destroy nest to prevent emergence of newly hatched sects. If removal is not feasible, retreat the nest, if necessary. Do not use this product to treat overhead nests. Repeat as necessary.

**SEWER TREATMENTS:** Cockroach infestations in sanitary sewers may be treated with approximately 4.5 ounces of [Dry Pyroicide®] [brand name] per manhole. When treating sewers, one manhole per 200 feet of line should be treated. Treatments are made by removing the manhole cover and replacing with a disc of plywood bored to receive the usual flexible hose from portable or truck mounted ventilating equipment. 4.5 ounces of [Dry Pyroicide®] [brand name] is introduced into the ventilating air to be dispersed quickly and thoroughly through the system. Repeat as necessary.

#### STORAGE AND DISPOSAL

**STORAGE:** Store in tightly closed container in a dry place.

**DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

Net Contents \_\_\_\_\_  
Manufactured by:  
Mc LAUGHLIN GORMLEY KING COMPANY  
8810 Tenth Avenue North  
Minneapolis, MN 55427

EPA Reg. No. 1021-1665

EPA Est. No. 1021-MN-2