



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 M St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
**1021-1799**

Date of Issuance:  
**JAN 13 2004**

**NOTICE OF PESTICIDE  
Registration**

(under FIFRA, as amended)

Term of Issuance:  
**Conditional Registration**

Name of Pesticide Product:  
**Pyrenone Concentrated Aqueous Spray  
74404**

Name and Address of Registrant (include ZIP Code):  
**McLaughlin Gormley King Company  
8810 Tenth Avenue N.  
Minneapolis, MN 55427-4319**

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
  - a. Revise the EPA Registration Number to read, EPA Reg. No.1021-1799
  - b. An acceptable one year Storage Stability study (Guideline 830.6317) and an acceptable Corrosion Characteristics study (830.6320) must be provided by McLaughlin Gormley King Company (MGK) to the Agency within 18 months after the date of this Notice of Registration. In addition, MGK must provide a letter of commitment within 30 days after receipt of this Notice of Registration committing to provide the Agency with these acceptable studies conducted on the actual formulated end use product.

Signature of Approving Official:	Date:
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3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Linda Arrington  
Acting Product Manager 10  
Insecticide Branch  
Registration Division (7505C)

enclosure

Signature of Approving Official:	Date:
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74404-1102

PYROCID<sup>®</sup> CONCENTRATED AQUEOUS SPRAY 74404



8810 Tenth Avenue N. / Minneapolis, Minnesota 55427-4319 U.S.A.

TELEPHONE (763) 544-0341

[ ] or ( ) Indicates alternate or optional wording

Contains the botanical insecticide, Pyrethrum [an extract of a Chrysanthemum flower]
A micro-emulsion, water-base spray
Kills [controls] and repels Stable Flies, Horse Flies, Face Flies, Deer Flies, House Flies, Mosquitoes, and Gnats
Kills Black Widow Spiders and Black Carpenter Ants
Quick killing pyrethrum controls crawling and flying insects in the home, schools, hospitals and other listed areas
Controls Fleas and Ticks indoors and around pet areas
Controls Deer Ticks and other Ixodid species that may carry and transmit Lyme Disease
For use in Animal Quarters, Dairies, Milk Rooms, Milking Parlors, Calving Areas, Dairy and Hog Barns
Use on Beef Cattle, Dairy Cattle, Horses, Hogs, Poultry and other listed livestock
Kills Mosquitoes including the Culex species that may carry and transmit the West Nile Virus
Can be used outdoors with the Lock 'N Spray System. No mess. No Mixing. Cartridges are spill-proof.

ACCEPTED with COMMENTS In EPA Letter Dated JAN 13 2004 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 1021-1799

ACTIVE INGREDIENTS:

Table with 2 columns: Ingredient Name and Percentage. Includes Pyrethrins (1.00%), Piperonyl butoxide, Technical (10.00%), and OTHER INGREDIENTS (89.00%, 100.00%).

\*Equivalent to min. 8.0% (butylcarbityl) (6-propylpiperonyl) either and 2.0% related compounds
PYROCID<sup>®</sup> is a registered trademark of McLaughlin Gormley King Co.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

Table with 2 columns: Situation (IF SWALLOWED, ON SKIN) and First Aid Instructions (Call a poison control center, sip water, do not induce vomiting, etc.).

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 the International Poison Center at 1-888-740-8712

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through the skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.
Avoid contamination of food and feedstuffs. Remove pets, birds, and cover fish aquariums before spraying.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Do not use this product in or on electrical equipment because of shock hazard.

[Pyrocide<sup>®</sup> Concentrated Aqueous Spray 74404] contains the quick killing botanical insecticide, Pyrethrum, [an extract of Chrysanthemum flowers,] which provides rapid effective control of insects upon direct contact with an added benefit of flushing [repelling] these insects to aid in a more complete control [kill]. This highly effective water-base formula can be used on flying and crawling insects indoors and outdoors.

[Pyrocide<sup>®</sup> Concentrated Aqueous Spray 74404] can be used to control fleas and ticks hidden in carpets, rugs, upholstery, draperies, floor cracks and cabinets. Also controls Deer Ticks and other Ixodid species that may carry and transmit Lyme Disease.

[Pyrocyde® Concentrated Aqueous Spray 74404] can be used in the home, schools, hospitals, restaurants and other listed areas to control [kill], on contact, listed crawling pests and is a fast, effective product for flying insect control. Pyrethrum has quick killing ability with no persistent residue.

[Pyrocyde® Concentrated Aqueous Spray 74404] can be used to reduce annoyance of mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, outdoors around homes, recreational and other listed areas. Ideal for use prior to outdoor activities.

[Pyrocyde® Concentrated Aqueous Spray 74404] can be used outdoors with the Lock 'N Spray system to kill pests in lawns and on home foundations.

[Pyrocyde® Concentrated Aqueous Spray 74404] can be used in food and non-food areas of food processing plants, canneries, industrial installations, bakeries, rice and wheat mills, tobacco warehouses, grain elevators, warehouses, storage sites and other listed areas to control [kill], on contact, listed crawling pests and is a fast, effective product for flying insect control.

[Pyrocyde® Concentrated Aqueous Spray 74404] provides rapid kill of insects without objectionable residues

**FOR THE CONTROL OF INSECTS including but not limited to:**

Black Fly	Ants	Cadelles	Lesser Grain Borer	Blood Sucking Lice
Deer Flies	Bedbugs	Carpet Beetles	Trogoderma Beetles	Lice
Face Flies	Black Carpenter Ants	Cereal Beetles	Almond Moths	Poultry Lice
Fannia Flies	Boxelder Bugs	Cigarette Beetles	Angoumois Grain Moths	Granary Weevils
Fruit Flies	Cockroaches	Confused Flour Beetles	Chocolate Moths	Rice Weevils
Gnats	Crickets	Darkling Beetles	Clothes Moths	Chesse Skipper
Horn Flies	Earwigs	Dermostid Beetles	Indian Meal Moths	Dark Mealworms
Hornets	Firebrat	Dried Fruit Beetles	Med. Flour Moths	Yellow Mealworms
Horse Flies	Millipedes	Drugstore Beetles	Miller Moths	Black Widow Spiders
House Flies	Palmetto Bugs	Flat Grain Beetles	Small Flying Moths	Cellar Spiders
Lesser House Flies	Pillbugs	Khapra Beetles	Tobacco Moths	Cheese Mites
Midges	Silverfish	Merchant Grain Beetles	Cat Fleas	Grain Mites
Tipper Flies	Sowbugs	Red Flour Beetles	Dog Fleas	Hornets
Wearable Flies	Waterbugs	Rice Flour Beetles	Brown Dog Ticks	Wasps
Mosquitoes- including the Culex species that may carry and transmit the West Nile Virus		Rusty Grain Beetles	Sheep Ticks	Yellow-Jackets
		Spider Beetles	Deer Ticks	
		Warehouse Beetles	Ticks that may carry and transmit Lyme Disease	
		Saw-toothed Grain Beetles		

**INDOOR AREAS for use in but not limited to:**

Animal Areas	Condominiums	Grain Storage	Milk Rooms	Ships
Animal Quarter	Crawl Spaces	Granaries	Milk Sheds	Ships Holds
Animal Shelters	Credenza	Grocery Stores	Milking Rooms	Smoke Shops
Animal Control Centers	Crematoriums	Homes	Mortuaries	Solariums
Apartments	Dairy, Livestock Barns	Horse Stables	Motels	Sport Stadiums
Atriums	Dairies	Hog Barns	Movie Theaters	Stables
Attics	Day Care Centers	Horse Stables & Barns	Museums	Stable Bins
Auditoriums	Delicatessens	Horse Trailers	Nursing Homes	Storage Areas
Automobiles	Dens	Hospices	Office Buildings	Stored Products
Bakeries	Department Stores	Hospitals	Other Public Buildings	Stored Food, bags
Bars	Diners	Hotels	Outdoor Eating Buildings	Stores
Basements	Dog Houses	Household contents	Pantries	Sun Porch
Bathrooms	Dog Sleeping Quarters	Houses	Parking Garages	Sun Room
adding	Dormitories	Indoor Eating Buildings	Pet Bedding	Swine Houses
bedrooms	Draperies	Industrial Installations	Pet Carriers	Taverns
Beef Barns	Dressers	Industrial Plants	Pet Grooming Parlors	Tents
Beverage Plants	Dried Fruits in Storage	Institutional Dining Areas	Pet Sleeping Areas	Textile Mills, Warehouses
Boats	Drive-Ins	Institutions	Pet Stores	Theaters
Bookcases	Drugstores	Jails	Play Houses	Tobacco Factories
Bottling Plants	Dumpsters	Kennels	Play Rooms	Tobacco Warehouse
Breweries	Dwellings	Kitchens	Pool Halls	Tool Sheds
Brewery Warehouses	Egg Processing Plants	Laboratories	Porches	Trailers
Building Housing Animals	Fabric Storage Areas	Laundromats	Poultry Houses	Trains
Building Housing Poultry	Factories	Lavatories	Poultry Plants	Transportation Vehicles
Buses	Farm Structures	Libraries	Pounds	Tree Houses
Cabinets	Floors	Liquor Stores	Prisons	Tree Nuts Storage Areas
Cabins	Food Processing Plants	Livestock Barns	Public Storage	Trucks
Cafeterias	Food Storage Areas	Livestock Hauling Equip	Quonset Huts	Truck Trailers
Calving Barns	Freight Containers	Livestock Holding Areas	Rabbit Processing Plants	Tunnels
Campers	Fruit Packing Sheds	Living Rooms	Railroad Cars	Utility Rooms
Canneries	Funeral Parlors	Loafing Shed	Recreational Vehicles	Utilities
Carpets	Furniture	Locker Rooms	Research Animal Quarters	Vending Machines
Cat Sleeping Quarters	Garages	Marinas	Restaurants	Verandas
Cattle Barns	Garbage Bins	Mattresses	Retail Stores	Veterinaries
Chests	Garbage Cans	Mausoleums	Rice Mills	Voids in Attics
Churches	Garbage Compactors	Meat Packing Plants	Rooms	False Ceilings
City Missions	Gas Stations	Mess Halls	Rugs	Warehouses
Circus Tents	Gazebos	Mini Storage	Schools	Washrooms
Closed Porches	Goat Holding Areas	Mobile Canteens	Seed Storage	Wheat Mills
Closets	Grain Elevators	Mobile Homes	Sheep Holding Areas	Wholesale Stores
Clothes Storage	Grain Harvesting Equip	Morgues		Wine Cellars
Club Houses	Grain Handling Equip	Milk Houses		Wineries
Commercial Buildings	Grain Mills			Zoos

**OUTDOOR AREAS** for uses in and around, but not limited to:

Alleys	Circuses	Game Fields	Parks	Stadiums
Amphitheaters	Construction Sites	Garbage Dumps	Parking Lots	Tennis Courts
Amusement Parks	Corrals	Gazebos	Patios	Truck Stops
Ant Hills	Courtyards	Grandstands	Playgrounds	Underpasses
Back Yards	Curbs	Junk Yards	Ranges	Utility Room Outdoor
Balconies	Decks	Kennels	Recreational Areas	Weigh Stations
Baseball Fields	Drive-In Restaurants	Lanais	Rest Areas	Wild Animal Parks
Beaches	Drive-In Theaters	Levees	Roadsides	Wood Piles
Bridges	Dumpsters	Manholes	Rooftops	Zoos
Carwashes	Fair Grounds	Manure Piles	Sanitary Sewers	
Campgrounds	Feedlots	Marinas	Side Yards	
Camp Sites	Front Yards	Outdoor Eating Estab	Side Walks	

**FOR USE ON** but not limited to:

Beefalo	Chickens	Lambs	Pigs	Swine
Birds	Donkeys	Llamas	Pullets	Turkeys
Buffalo	Ducks	Mules	Quail	Exotics such as
Calves	Emus	Ostrich	Ratites	European
Cattle- Beef	Geese	Oxen	Roosters	Red Deer
Cattle- Dairy	Horses	Pheasants	Sheep	

**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 best results, follow directions for specific use areas. Do not use this product in or on electrical equipment due to possibility of shock hazard.

**GENERAL:**

This concentrated product may be diluted with water. When making dilutions, add concentrate to the tank and add water, agitate well while adding water and apply as directed.

- 0.05% Pyrethrins – add 1 part concentrate to 18 parts water or 6.5 fluid ounces concentrate / gallon water
- 0.10% Pyrethrins – add 1 part concentrate to 9 parts water or 13 fluid ounces concentrate / gallon water
- 0.30% Pyrethrins – add 1 part concentrate to 2 parts water or 38.5 fluid ounces concentrate / gallon water
- 0.50% Pyrethrins – add 1 part concentrate to 1 parts water or 64 fluid ounces concentrate / gallon water

The use of this product in food processing establishments should be confined to time periods when the plant is not in operation. Food should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using.

Use Lock 'N Spray System outdoors only.

For maximum effectiveness follow the dilution chart and use a combination of spot, surface treatment and fogging is recommended.

**SPACE SPRAYING:** Use with conventional mechanical or compressed air equipment to kill exposed accessible stages of, but not limited to, Flies (including Fruit Flies), Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Clover Mites, Cheese Mites, Cheese Skippers, Boxelder Bugs, Earwigs, Ants and the following common Stored Product Pests: Granary Weevils, Rice Weevils, Confused Flour Beetles, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Meal Worms, Dark Meal Worms, Grain Mites, Caddis, Red Flour Beetles and other listed insects. Close Room and shut off air conditioning or ventilating equipment. Apply at the rate of 1 – 10 fluid ounces per 1000 cubic feet of space. Direct Spray toward upper corners of room and ceiling. Leave room closed for ½ hour and ventilate thoroughly before re-entry.

**SURFACE SPRAYING:** To kill Cockroaches, Ants, Silverfish, Spiders, Crickets, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Saw-toothed Grain Beetles, Spiders Beetles, Cigarette Beetles and other listed insects use a sprayer adjusted to a coarse wet spray. Mix well and apply as a coarse wet spray using approximately 1 gallon of spray mixture per 750 square feet of surface. Direct the spray first into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harborage areas, walls, floors, underneath sinks, behind pipes, beneath stoves and refrigerators, around garbage cans, cabinets, along baseboards, door sills, window sills, door and window frames and floors, around and on drains, pipes, plumbing, behind bookcases, storage and other utility installation areas and in all places that harbor insects to provide maximum penetration and impingement on the insects. Contact as many insects as possible. Do not allow spray to contact stored food. To kill ants, treat doors, around window frames and other areas of entry. Spray on ants whenever possible.

**CLOTHES 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.

**CARPET BEETLES:** Directly spray as many insects as possible. Spray all surfaces of upholstered furniture. Where possible, both top and bottom of rugs and carpets should be sprayed thoroughly. Also treat shelves, closets, areas under furniture, floors, walls, window sills, baseboards and wherever these insects are seen or suspected.

**BEDBUGS:** Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings, floors, walls, furniture and other infested areas.

**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.

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**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 control 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.

**DRIED FRUIT PRODUCTS:** In storage or being processed for control of, but not limited to, Almond Moths, Ants, Cereal Beetles, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Earwigs, Flies, Fruit Flies, Fungus Gnats, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Saw-toothed Grain Beetles, Silverfish, Dried Fruit Beetles, Warehouse Beetles, Khapra Beetles and other listed insects. Do not apply to fruit directly. Apply as a fine mist or fog in the air above and around the trays, bins, and shelves at the rate of 1 to 10 fluid ounces per 1000 cubic feet of space.

**TREATMENT OF STORED FOOD AREAS:** Foods in multi-walled bags, cloth bags or other packaging stored in such areas as, but not limited to, listed areas for the control of accessible adult stages of, but not limited to, Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Khapra Beetle and other listed pests. Infested stored products should be destroyed, fumigated or treated by other effective methods using an approved product intended for this purpose. As noted above, disperse first by directing spray into cracks and crevices, corners, pallets and around stacks or packaged goods hitting as many insects as possible and then apply as a space spray at a dosage of 1 to 10 fluid ounces per 1000 cubic feet of room space. Repeat application as necessary for insect control. Do not remain in treated area and ventilate before re-entry.

**ON PEANUTS, NUTS, BEANS, SEEDS IN BULK, BAGS OR OTHER PACKAGING:** For the control of accessible stages of Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Kapra Beetle and other listed insects apply to the surface of stored or bagged products. Also spray walls, floors and other surfaces of bins, storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Then apply as a space spray by directing the spray toward the ceiling and upper corners of the area and behind any obstructions.

**FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS:** Apply with a conventional mechanical or compressed air equipment, at the rate of 1 to 10 fluid ounces per 1000 cubic feet of room space. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places that shelter insects. Contact as many insects as possible. Repeat as necessary. Before use, exposed food products and packaging materials must be covered or removed. After use, equipment and utensils must be washed with an effective cleaning compound and rinsed with potable water. Use as a space spray only when plant is not in operation.

**FOR IN TRANSIT PROTECTION:** To control accessible stages of listed insects, clean and spray truck beds, boxcars, ships holds and other listed transit equipment before loading. Thoroughly treat walls and floors and spray each layer of carton or containers lightly as stacked. Apply at the rate of 1 gallon per 750 square feet.

**FOR USE IN STORAGE FACILITIES AND EQUIPMENT:**

**SANITATION MEASURES:** This product can be used as a surface spray in warehouse bins and trucks, cargo ships, mills, bin hoppers, elevators and conveying equipment as a clean up prior to use. In mills, and elevators, all grain infested 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.

**DR 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 or treated with EPA approved products [such as] [brand name]. These cleaning operations should be done within two or three weeks before harvest.

After above sanitation measures have been employed spray as directed.

**FOR USE IN ANIMAL QUARTERS, Barns, Dairies, Milking Parlors, Milking Rooms, Poultry Houses and other listed animal areas:** For rapid control [kin] of Flies, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Gnats and other listed flying insects, follow dilution chart and spray at the rate of 1 to 10 fluid ounces 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 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 follow dilution chart and apply as directed:**

To protect beef cattle, dairy cattle, horses and other livestock from attacks and to kill and repel Stable Flies, Horse Flies, Deer Flies, House Flies, Horn Flies, Lesser House Flies, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, and Gnats, spray about 3 seconds on each side of animal being careful to spray back, withers and forelegs thoroughly.

To protect from Face Flies, spray the face and hair 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 effective control of 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.

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

For control of 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. This should be followed by spraying over the birds with a fine mist.

To control 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 ticks on livestock and to obtain protection against reinfestation, spray to wet animal.

FOR USE IN BARN, DAIRIES, MILKING PARLORS, MILKING ROOMS, POULTRY HOUSES and other listed animal housing areas, follow dilution chart and apply as directed. Do not use in milk rooms where raw milk may be exposed. Repeat application in one to two days, if necessary.

- 0.10% Pyrethrins – Add 1 part Concentrate to 9 parts water
- 0.50% Pyrethrins – Add 1 part Concentrate to 1 part water

FOR USE WITH HANDHELD MECHANICAL FOGGERS to control Houseflies, Horn Flies, Stable Flies, Horse Flies, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Gnats and other listed insects. Dilute concentrate and apply as a fine mist or fog. Direct spray toward the ceiling and upper corners of the room until the area is filled with mist about 2 fluid ounces per 1000 cubic feet of space. For best results, close doors and windows before spraying, and keep them closed for 10 to 15 minutes after spraying. Applicator should vacate the treated area and ventilate it before reoccupying.

FOR USE THROUGH AUTOMATIC SPRAYING SYSTEMS

Automatic spraying systems must not be programmed to release pesticide where food or feed is directly exposed.

To Kill Houseflies, Horn Flies, Stable Flies, Horse Flies, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Gnats and other listed insects. Add concentrate to tank and add water to obtain desired dilution. Agitate well while adding water. Dispense diluted concentrate through automatic spraying system. Set nozzles to deliver one (1) fluid ounce per minute. Locate nozzles to cover a maximum of 2000 cubic feet of space per nozzle. Set timer to operate in accordance with equipment directions.

OUTDOOR USE follow dilution chart and apply as directed.

- 0.05% Pyrethrins – add 1 part concentrate to 18 parts water or 6.5 fluid ounces concentrate / gallon water
- 0.10% Pyrethrins – add 1 part concentrate to 9 parts water or 13 fluid ounces concentrate / gallon water
- 0.30% Pyrethrins – add 1 part concentrate to 2 parts water or 38.5 fluid ounces concentrate / gallon water
- 0.50% Pyrethrins – add 1 part concentrate to 1 parts water or 64 fluid ounces concentrate / gallon water

FOR USE WITH THE LOCK 'N SPRAY SYSTEM - Controls Lawn and Garden and nuisance pests.

CONNECT	Connect sprayer to hose
ATTACH	Attach cartridge to sprayer. Turn cartridge until it clicks into place.
SPRAY	To begin spraying, rotate sprayer nozzle tip to direct spray up or down, or remove for a 20 to 25 foot jet spray. Turn on water and squeeze trigger.
FINISH	<ul style="list-style-type: none"> <li>To stop spraying, release trigger, unlock cartridge and remove from sprayer. (No need to turn off water)</li> <li>To clean sprayer, flush with water, squeezing and releasing trigger in 2 short bursts. Turn off water.</li> <li>Squeeze trigger to drain water from sprayer, then disconnect sprayer from hose.</li> </ul>
Cartridge reseals itself automatically – No spills, no leaks!	

HOW TO APPLY

Spray outdoor surfaces of buildings, porches, garages and other areas where insects have been seen or are found. Do not spray in or near fishponds or other bodies of water.

Caution should be taken to avoid spraying when wind conditions could create a mist to blow back to applicator. Do not spray near bodies of water. Do not spray directly on plants. Spray the surface areas and contact as many insects as possible.

FLIES, GNATS, MOSQUITOES, including the Culex species that may carry and transmit the West Nile Virus, Small Flying Moths, Midge, and other flying insects: Hold container 18-24 inches from shrubs, bushes, grassy areas and other areas infested with these pests. Do not apply directly on plants. Spray with a slow sweeping motion while moving away from the treated area. To reduce annoyance from these pests, treat open porches and patios in a similar manner. Kills and repels flies, mosquitoes, midges, gnats and when used intermittently during outdoor activities, will keep the surround areas free from these pests. Allow spray to dissipate before occupying the treated area.

ANTS (including Black Carpenter Ants): Spray ant trails, anthills and other areas of entry and infestation. Spray on ants where possible.

SPIDERS: Spray directly on spiders and webs.

SOWBUGS, MILLIPEDES, BEETLES, EARWIGS, Pillbugs, Centipedes, Scorpions, Cockroaches, Crickets, Waterbugs, Palmetto Bugs: Spray surfaces thoroughly and into hiding places such as cracks, crevices, moist areas, openings around pipes, spigots, storage areas, sheds and other areas where these pests tend to congregate.

FOR USE AS A PET CONCENTRATE: Dilute this concentrate to a 0.50% Pyrethrins by adding 1 part concentrate to 1 part water or 64 fluid ounces concentrate /gallon water, mixing well as water is added.

FOR USE IN LISTED PET AREAS: Remove, destroy or wash pet's old bedding. To reduce infestation, thoroughly spray the animal's 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.

8 7 8

**FLEA AND TICK INFESTATION IN RUGS AND CARPETS:** Prior to use, vacuum all infested areas thoroughly and dispose of vacuum bag in outside trash. Spray rugs and carpets where fleas tend to hide, usually where animals frequent. Spray thoroughly into hiding places such as cracks and crevices. In walls and floors, along baseboards, window and door frames. Spray at the rate of one square foot per second. To kill ticks and other labeled insects, apply directly to pests. Treat pets with an EPA registered [brand name] product in conjunction with this application.

**FOR KENNELS AND OTHER OUTDOOR ANIMAL AREAS** to control listed insects, apply liberally to surfaces with special attention to cracks and crevices and other insect hiding places. Allow treated areas to dry thoroughly before allowing pets [animals] to re-enter.

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 pet shampoo), in conjunction with this application.

**STORAGE AND DISPOSAL**

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

**STORAGE:** Store in a cool, dry place. Keep container closed.

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

**CONTAINER DISPOSAL:** Triple rinse or equivalent and offer for recycling or reconditioning, or dispose of in a sanitary landfill or by other procedures approved by State and Local authorities.

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

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