

1021-1796

07/11/2011

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION  
  
JUL 11 2011

Mr. Steve Ditto  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427-4372

Subject: Label Notification(s) for Pesticide Registration Notice 98-10

Dear Mr. Ditto:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated June 20, 2011 for the following product(s):


**PYROCIDE® General Purpose**                      **EPA Reg. No. 1021-1796**  
**Aqueous Spray 74402**

The Registration Division (RD) has conducted a review of this request for applicability under PR Notice 98-10 and finds that the label change(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please contact Linda A. DeLuise at 703-305-5428.

Sincerely,

f Richard J. Gebken  
Product Manager  
Insecticide Branch  
Registration Division (7504P)

	United States	Registration	OPP Identifier Number
	Environmental Protection Agency	Amendment	
	Washington, DC 20460	X Other	

**Application for Pesticide - Section I**

1. Company/Product Number 1021-1796	2. EPA Product Manager Richard Gebken	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PYROCIDE® General Purpose Aqueous Spray 74402	PM# 10	
5. Name and Address of Applicant (Include Zip Code) McLaughlin Gormley King Company 8810 10TH AVE N MINNEAPOLIS, MN 55427  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. <b>NOTIFICATION</b>  Product Name <b>JUL 11 2011</b>	

**Section - II**

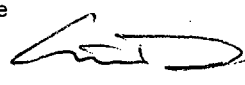
<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
Notification pursuant to PR-Notice 98-10.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
<i>*Certification must be submitted</i>	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container	<input type="checkbox"/> Glass
					<input type="checkbox"/> Paper
					<input type="checkbox"/> Other (Specify)
3. Location of Net Contents information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 4 oz. - 55 Gals.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Steven K. Ditto	Title Regulatory Affairs Specialist	Telephone No. (Include Area Code) (763) 544-0341
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Affairs Specialist	
4. Typed Name Steven K. Ditto	5. Date 6/20/2011	



McLAUGHLIN GORMLEY KING COMPANY  
8810 Tenth Avenue North • Minneapolis, MN 55427-4319 U.S.A.  
763-544-0341 • 800-645-6466 • Fax 763-544-6437 • www.mgk.com

June 20, 2011

Document Processing Desk (NOTIF)  
Richard Gebken, PM 10  
Office of Pesticide Programs (7504P)  
U.S. ENVIRONMENTAL PROTECTION AGENCY  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

Via Courier

Subject: PYROCIDE® General Purpose Aqueous Spray 74402  
EPA Reg. No. 1021-1796  
Notification Per PR Notice 98-10

Dear Mr. Gebken:

By Notification we are adding the non-public health pests Asian Lady Beetles, Boxelder Bugs, Brown Marmorated Stink Bugs (BMSB), and Stink Bugs to the listed pests throughout the label and on a front panel marketing claim.

Enclosed are 2 copies of the label, one copy with changes highlighted.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulation at 40 CFR 152.46, and no other change have been made to the labeling or the confidential statement of formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

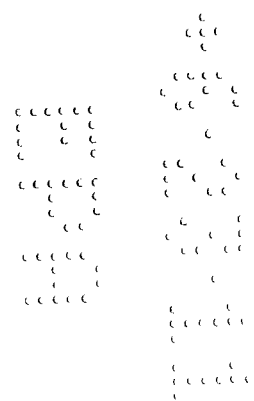
If there are any questions or you need anything further, please contact this office.

Sincerely,

McLAUGHLIN GORMLEY KING COMPANY

Steven K. Ditto  
Regulatory Affairs Specialist

Enclosure



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74402\_1021-1796\_09090611

PYROCID® General Purpose Aqueous Spray 74402



McLAUGHLIN  
GORMLEY  
KING COMPANY

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 the Chrysanthemum flower]]
- [A micro-emulsion water-based 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 homes, 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, and Dairy and Hog Barns ]
- [For 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]
- [Controls 10 Listed Species of Insects]
- [Kills Stink Bugs, Brown Marmorated Stink Bugs (BMSB), Asian Lady Beetles, Boxelder Bugs]

ACTIVE INGREDIENTS:

Pyrethrins .....	0.10%
* Piperonyl butoxide, Technical .....	1.00%
OTHER INGREDIENTS .....	98.90%
	100.00%

\*Equivalent to min. 0.8% (butylcarbityl) (6-propylpiperonyl) ether and 0.2% related compounds  
PYROCID®, MGK® -registered trademarks of McLaughlin Gormley King Company

NOTIFICATION

JUL 11 2011

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

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 Contents \_\_\_\_\_

Manufactured by:

Mc LAUGHLIN GORMLEY KING COMPANY  
8810 Tenth Avenue North  
Minneapolis, MN 55427

EPA Reg. No. 1021-1796

EPA Est. No. 1021-MN-2

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters or rinsates.

PHYSICAL OR CHEMICAL HAZARDS

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

[Pyrocide® General Purpose Aqueous Spray 74402] contains the quick-killing botanical insecticide Pyrethrum, [an extract of [Chrysanthemum flowers,] which provides rapid, effective control of insects upon direct contact, with the added benefit of flushing [repelling] these insects to aid in more complete control [kill]. This highly effective water-based formula can be used on flying and crawling insects indoors and outdoors.

[Pyrocide® General Purpose Aqueous Spray 74402] 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.

[Pyrocide® General Purpose Aqueous Spray 74402] can be used in homes, 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® General Purpose Aqueous Spray 74402] 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 areas, and other listed areas. Ideal for use prior to outdoor activities.

[Pyrocyde® General Purpose Aqueous Spray 74402] 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® General Purpose Aqueous Spray 74402] provides rapid kill of insects without objectionable residues

FOR THE CONTROL OF INSECTS including but not limited to:

Black Flies	Ants	Cadelles	Lesser Grain Borers	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	Cheese Skippers
Horn Flies	Earwigs	Dermeitid Beetles	Indian Meal Moths	Dark Mealworms
Hornets	Firebrats	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
Skipper Flies	Sowbugs	Red Flour Beetles	Dog Fleas	Hornets
Stable 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
Asian Lady Beetles		Spider Beetles	Deer Ticks	
Brown Marmorated Stink Bugs (BMSB)		Warehouse Beetles	Ticks that may carry and transmit Lyme Disease	
Stink Bugs		Saw-toothed Grain Beetles		

INDOOR AREAS for use in but not limited to:

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

Closets	Grain Elevators	Mobile Homes	Ships	Zoos
Clothes Storage	Grain Harvesting Equip	Morgues	Ship Holds	
Club Houses	Grain Handling Equip	Milk Houses	Smoke Shops	
Commercial Buildings	Grain Mills	Milk Rooms		

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

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

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. Avoid contamination of food and feedstuffs. Remove pets and birds and cover fish aquariums before spraying.

GENERAL:

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.

For maximum effectiveness, follow the dilution instructions and use a combination of spot, surface, and fogging treatments.

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, Cadelles, Red Flour Beetles, and other listed insects. Close room and shut off air conditioning or ventilating equipment. Apply at the rate of 1 – 1.5 fluid ounces per 1000 cubic feet of space. Direct spray toward ceiling and upper corners of room. Leave room closed for one-half (1/2) hour and ventilate thoroughly before re-entry.

SURFACE SPRAYING: To kill Cockroaches, Ants, Asian Lady Beetles, Brown Marmorated Stink Bugs (BMSB), Boxelder Bugs, Stink Bugs, 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. First direct spray into all cracks and crevices, and then behind all equipment, cupboards, obstructions or dark harborage areas, walls, and floors, underneath sinks, behind pipes, beneath stoves and refrigerators, around garbage cans and cabinets, along baseboards, door sills, window sills, door and window frames and floors, around and on drains, pipes, and 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 and 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. Thoroughly spray both top and bottom of rugs and carpets when possible. Also treat shelves, closets, floors, walls, windowsills, baseboards, areas under furniture, 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 LISTED PET AREAS: Remove, destroy, or wash pet's old bedding. To reduce infestation, thoroughly spray a.i.r.a.'s bedding, sleeping quarters, and 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 (2) seconds per linear foot at a distance of 12 – 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.

**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 along floors, baseboards, and window and door frames. Spray at the rate of one (1) 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 best results and 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.

**FOR USE IN CANNERIES:** Prior to bringing in produce, thoroughly clean floors, conveying equipment, and walls, paying special attention to cracks and crevices. Spray the entire space inside the cannery, including walls, ceilings, 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 NON-FOOD 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 directly to fruit. Apply as a fine mist or fog in the air above and around trays, bins, and shelves containing fruit at the rate of 1 – 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 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, Lesser Grain Beetles, Khapra Beetles, 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. Then apply as a space spray at a dosage of 1 – 1.5 fluid ounces per 1000 cubic feet of room space. Do not remain in treated area and ventilate before re-entry.

**ON PEANUTS, NUTS, BEANS, SEEDS IN BULK, BAGS, OR OTHER PACKAGING:** For 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, Khapra Beetles, and other listed insects, apply to the surface of stored or bagged products. Also thoroughly spray walls, floors, and other surfaces of bins and storage and handling areas, 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 MEAT AND POULTRY PLANTS:** Apply with conventional mechanical or compressed air equipment at the rate of 1 – 1.5 fluid ounces per 1000 cubic feet of room space. Apply spray into all cracks and crevices in woodwork, walls, and floors, and underneath sinks, behind pipes, and in all places that shelter insects. Contact as many insects as possible. Repeat as necessary. Before use, cover or remove exposed food products and packaging materials. 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, ship holds and other listed transit equipment before loading. Thoroughly treat walls and floors and lightly spray each layer of stacked carton or containers. Apply at the rate of 1 gallon per 750 square feet of space.

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

**SANITATION MEASURES:** This product can be used as a surface spray in warehouse bins, trucks, cargo ships, mills, bin hoppers, elevators, and conveying equipment as a clean-up prior to use. All grain-infested accumulations should be removed from bin hoppers in mills and elevators. All storage and conveying equipment should be thoroughly cleaned by sweeping out waste grain, cobwebs, and other debris from the walls and rafters as well as on the floor and doorframes, paying special attention to material lodged in cracks and crevices. All debris should be removed and disposed of in outside trash.

**FOR FARMS,** particular attention should be given to cleaning up grain residues from wagons, harvesting equipment, and feed troughs and around used feed and grain bags. 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 two to three (2 – 3) 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 [kill] 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 5 – 10 seconds per 1000 cubic feet of space, directing the spray toward the ceiling and upper corners. Do not direct spray towards animals or birds. For best results, close doors and windows before spraying and keep them closed for 10 – 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 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 thoroughly spray back, withers, and forelegs.

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, thoroughly spray roosts, walls, nests, and cages, followed by spraying the birds with a fine mist. For control of Bedbugs and Mites on Poultry and in poultry houses, spray crevices of roost poles and cracks in walls and nests where Bedbugs and Mites hide, followed by spraying 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 sufficiently wet the animal.

FOR USE IN BARNs, DAIRIES, MILKING PARLORS, MILKING ROOMS, POULTRY HOUSES, and other listed animal housing areas: Do not use in milk rooms where raw milk may be exposed.

FOR USE WITH HAND-HELD 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. Direct spray toward the ceiling and upper corners of the room until the area is filled with mist, approximately 2 fluid ounces per 1000 cubic feet of space. For best results, close doors and windows before spraying and keep them closed for 10 - 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, set nozzles to deliver 1 fluid ounce per minute. Position nozzles to cover a maximum of 2000 cubic feet of space per nozzle. Set timer to operate in accordance with equipment directions.

OUTDOOR USE: This spray can be used as is or diluted at the rate of 1 part concentrate to 2 parts water for a concentration of 0.05% Pyrethrins.

Caution should be taken to avoid spraying when wind conditions might create a mist that can blow back to applicator. Do not apply this product in or around bodies of water. Do not spray directly on plants. Spray surfaces and contact as many insects as possible.

FLIES, GNATS, MOSQUITOES, SMALL FLYING MOTHS, MIDGES, small flying insects, 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 to 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, including the Culex species that may carry and transmit the West Nile Virus, Midges, Gnats, and, when used intermittently during outdoor activities, will keep surrounding 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, Asian Lady Beetles, Brown Marmorated Stink Bugs (BMSB), Boxelder Bugs, Stink Bugs, Pillbugs, Centipedes, Scorpions, Cockroaches, Crickets, Waterbugs, and Palmetto Bugs: Thoroughly spray surfaces 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 Residential Use Products:

<p><b>STORAGE AND DISPOSAL</b></p> <p>Do not contaminate water, food, or feed by storage and disposal</p> <p><b>Pesticide Storage</b></p> <p>Store in a cool, dry area. Always store pesticides in the original container. Store away from food and pet food.</p> <p><b>Pesticide Disposal and Container Handling</b></p> <p>Nonrefillable container. Do not reuse or refill this container.</p> <p>If empty: Place in trash or offer for recycling if available.</p> <p>If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.</p>
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For Industrial or Agricultural Use Products:

**STORAGE AND DISPOSAL**

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

**Pesticide Storage**

Store in a cool, dry area. Post as a pesticide storage area. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulations on lower shelves and dry formulations above.

**Pesticide Disposal**

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

**Container Handling**

Nonrefillable container. Do not reuse or refill this container.

[For containers with capacities of 5 gallons or less:]

[Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances.]

[For containers with capacities greater than 5 gallons:]

[Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances.]