

1021-1798

11/13/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON D C 20460

OFFICE OF  
PREVENTION PESTICIDES AND  
TOXIC SUBSTANCES

Mr Steven K Ditto  
McLaughlin Gormley King Company  
8810 10<sup>th</sup> Avenue North  
Minneapolis, MN 55427

NOV 13 2009

SUBJECT Application for Pesticide Notification (PRN 98-10)  
Request General Label Changes/Marketing Statement Change  
"PYROCIDE AQUEOUS SPRAY 74401"  
EPA Reg No 1021-1798  
Application Dated September 16, 2009

Dear Registrant

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 09/16/09 for the above product The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10 The label submitted with the application has been stamped "Notification" and will be placed in our records

If you have any questions, please call me directly at 703-305-7269 or Banza Djapao of my staff at 703-308-8899

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs



United States  
Environmental Protection Agency  
Washington DC 20460

Registration  
Amendment  
Other

OPP Identifier Number

**Application for Pesticide Section I**

1 Company/Product Number 1021 1798	2 EPA Product Manager Richard Gebken	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) PYROCIDE® AQUEOUS SPRAY 74401	PM# 10	
5 Name and Address of Applicant (Include Zip Code) McLaughlin Gormley King Company 8810 10TH AVE N MINNEAPOLIS MN 55427	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 _____ Product Name _____	
<input type="checkbox"/> Check if this is a new address		

**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

**NOTIFICATION**

**NOV 13 2009**

**Explanation** Use additional page(s) if necessary (For section I and Section II )  
Notification to add a marketing claim pursuant 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			
<b>Certification must be submitted</b>		If Yes Unit Packaging wgt	No per container	If Yes Package wgt	No per container
3 Location of Net Contents information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4 Size(s) Retail Container 4oz 5 gal		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 Registration 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 9/16/2009	

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**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

September 16 2009

Document Processing Desk (NOTIF)  
U S ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs (H7504P)  
Room S 4900 One Potomac Yard  
2777 South Crystal Dr  
Arlington VA 22202 4501

Via Courier

Subject PYROCIDE® AQUEOUS SPRAY 74401  
EPA Reg No 1021 1798  
Notification Per PR Notice 2007 4

Dear Sir or Madam

By Notification we are adding a marketing claim to indicate a number of previously approved species of insects to be controlled by the product per PR Notice 98 10

Enclosed are 2 copies of the label One copy has changes highlighted

This notification is consistent with the provisions of PR Notice 98 10 and EPA regulations at 40 CFR 152 46 and no other changes have been made to the labeling or the confidential statement of formula of 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

**MGK®****McLAUGHLIN  
GORMLEY  
KING COMPANY**

PYROCIDE® AQUEOUS SPRAY 74401

**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] Stable Flies Horse Flies Face Flies Deer Flies House Flies 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 ]  
 [For use on Beef Cattle Dairy Cattle Horses Hogs Poultry and other listed livestock ]  
 [Controls 9 Listed Species of Insects]

**ACTIVE INGREDIENTS**

Pyrethrins	0 30 /
Piperonyl butoxide Technical	3 00 /
<b>OTHER INGREDIENTS</b>	96 70 /
	<u>100 00 /</u>

Equivalent to min 2 4 / (butylcarbityl) (6 propylpiperonyl) ether and 0 6 / related compounds  
 PYROCIDE® MGK® registered trademarks of McLaughlin Gormley King Company

**NOTIFICATION****NOV 13 2009****KEEP OUT OF REACH OF CHILDREN****CAUTION****FIRST AID**

IF SWALLOWED	Call a poison control center or doctor immediately for treatment advice Do not give any liquid to the person Do not induce vomiting unless told to do so by a poison control center or doctor Do not give anything by mouth to an unconscious person
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 Contents \_\_\_\_\_

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

EPA Reg No 1021 1798

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 eyes skin or clothing Remove contaminated clothing and wash clothing before reuse Wash thoroughly with soap and water after handling Avoid contamination of food and feedstuffs Remove pets and birds and cover fish aquariums before spraying

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water Do not contaminate water when disposing of equipment wash waters or rinsate Do not discharge effluent containing this product into lakes streams ponds estuaries oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority For guidance contact your State Water Board or Regional Office of the EPA

**PHYSICAL OR CHEMICAL HAZARDS**

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

[Pyrocide® Aqueous Spray 74401] 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 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® Aqueous Spray 74401] 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® Aqueous Spray 74401] 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.

[Pyrocide® Aqueous Spray 74401] 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.

[Pyrocide® Aqueous Spray 74401] 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	Cheese Skipper
Horn Flies	Earwigs	Dermeftid 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
Skipper Flies	Sowbugs	Red Flour Beetles	Dog Fleas	Hornets
Stable Flies	Waterbugs	Rice Flour Beetles	Brown Dog Ticks	Wasps
Saw-toothed Grain Beetles		Rusty Grain Beetles	Sheep Ticks	Yellow-Jackets
		Spider Beetles	Deer Ticks	
		Warehouse Beetles	Ticks that may carry and transmit Lyme Disease	

INDOOR AREAS for use in but not limited to:

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

Clothes Storage	Grain Mills	Milk Rooms	Smoke Shops	Stable Bins
Club Houses	Grain Storage	Milk Sheds	Solariums	
Commercial Buildings	Granaries	Milking Rooms	Sport Stadiums	
Condominiums	Grocery Stores	Mortuaries	Stables	

OUTDOOR AREAS for uses in and around but not limited to

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

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 10 / Pyrethrins – add 1 part concentrate to 2 parts 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

For maximum effectiveness follow the dilution chart 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) 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 1/2 fluid ounces per 1000 cubic feet of space Direct Spray toward upper corners of room and ceiling Leave room closed for / hour and ventilate thoroughly before re entry

SURFACE SPRAYING To kill Cockroaches Black Carpenter 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 windowsills 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 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

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 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] flea or flea and tick collar pet powder pet spray pet dip pet shampoo flea shampoo or flea and tick pet shampoo) in conjunction with this application

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 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 Mouths 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 1 000 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 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 1 1/2 fluid ounces per 1 000 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 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 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 1 1/2 fluid ounces per 1 000 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 thee floor and doorframes with special attention to material lodged in the cracks and crevices All of the debris should be removed and disposed of in outside trash

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 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 [kill] of Flies Gnats and other listed flying insects follow dilution chart and spray at the rate of 5 to 10 seconds per 1 000 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 this concentrate can be used undiluted or diluted at the rate of 1 part concentrate to 2 or 3 parts water agitate well and use 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 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 7 days to kill newly hatched lice

To control 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 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 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 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 This concentrate can be used undiluted or diluted at the rate of 1 part concentrate to 2 or 3 parts water agitate well and use as directed

FOR USE WITH HANDHELD MECHANICAL FOGGERS to control Houseflies Horn Flies Stable Flies Horse Flies 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 1 000 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 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 10 / Pyrethrins -- add 1 part concentrate to 2 parts water

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

FLIES GNATS SMALL FLYING MOTHS Midge 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 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 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 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

[Storage and Disposal instructions for professional or agricultural use ]

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage and disposal

**Pesticide Storage**

Store in a cool dry area Keep container closed 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

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 / 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.

[Storage and Disposal Instructions for residential use ]

**STORAGE AND DISPOSAL**

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

**Pesticide Storage**

Store in a cool, dry area. Always store pesticides in the original container. Store away from food and pet food.

**Pesticide Disposal and Container Handling**

Nonrefillable container. Do not reuse or refill this container.

If empty:

Place in trash or offer for recycling if available.

If partly filled:

Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.