

1021-1851

5/21/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460-0001

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 21, 2012

Mr. Thomas A. Lennan  
Regulatory Affairs Specialist  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427-4319

**Subject: Amended Labeling; Revised Application Rates for Space Spraying and Surface Applications  
MGK® PYROCIDE® Dual Synergized Fogging Concentrate 7466, EPA Reg. No. 1021-1851  
Your Submission Dated February 10, 2012**

Dear Mr. Lennan:

The supplemental labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable with the following label provision(s):

First Aid Statements section comment(s), middle of page 1 of 7:

1. To facilitate inclusion of required label language, you must make the following changes:
  - Revise the 1<sup>st</sup> bulleted statement within the "IF SWALLOWED:" subsection to read "Call a poison control center or doctor immediately for treatment advice."
  - Revise the 2<sup>nd</sup> sentence within the "HOTLINE NUMBER" subsection to read "For additional information on this pesticide product (including health concerns, medical emergencies, or pesticide concerns), you may call 1-888-740-8712."

Directions for Use, USE RESTRICTIONS subsection comment(s), bottom of page 2 of 7:

2. Revise the subsection heading "GENERAL PRECAUTIONS AND RESTRICTIONS:" to read "**USE RESTRICTIONS:**"
3. Insert the following new bulleted statement immediately preceding the existing 1<sup>st</sup> bulleted statement within the "APPLICATION RESTRICTIONS:" as follows: "**THIS PRODUCT IS INTENDED FOR INDOOR USE ONLY.**"


Directions for Use, GENERAL subsection comment(s), middle of page 3 of 7:

4. Revise the subsection heading "GENERAL:" to read "USE INFORMATION:"

A copy of your label stamped "Accepted with Comments" is enclosed for your records. Per 40 CFR §156.10(a)(6), submit one (1) copy of your final printed labeling, incorporating the above changes, before you release the product for shipment. As defined in 40 CFR §152.3, "final printed labeling" means the "label or labeling of the product when distributed or sold." Clearly legible reproductions or photo reductions will be accepted for unusual labels. Note that a clean copy of the master label in most cases does not meet the definition of final printed labeling. If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of FIFRA. Your release for shipment of the product bearing amended labeling constitutes accepting of these conditions.

If you have any questions, please contact Mr. Carmen J. Rodia, Jr. at (703) 306-0327 or via e-mail at [Rodia.Carmen@epa.gov](mailto:Rodia.Carmen@epa.gov).

Sincerely yours,

 FIP

Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

Enclosure: Copy of label stamped "Accepted with Comments"  
001021-018:1 D462270

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# MGK®

McLAUGHLIN  
GORMLEY  
KING COMPANY

PYROCID® Dual Synergized Fogging  
Concentrate 7466

8810 Tenth Avenue N. / Minneapolis, Minnesota 55427-4319 U.S.A. - Telephone (763) 544-0341

[Intended for Use by Pest Management Professionals]

For Indoor Use in Residential Homes and Buildings, Food Processing Plants, Restaurants, Industrial Buildings, Schools, Food and Non-food Warehouses, Offices, Garages, Hotels, Health Care Facilities, Animal Quarters and other listed areas

[ ] Indicates alternate or optional wording

Water-based fogging concentrate

For use as a Fog, ULV, space, area, contact spray or for listed insects in areas specified on the label

Effective and fast acting flushing action, knockdown and kill of insects

ACTIVE INGREDIENTS:

Pyrethrins	_____	1.00%
* Piperonyl butoxide	_____	2.00%
** N-Octyl bicycloheptene dicarboximide	_____	2.87%

OTHER INGREDIENTS	_____	94.13%
		100.00%

\* (butylcarbityl) (6-propylpiperonyl) ether and related compounds

\*\* MGK® 264, Insecticide Synergist

PYROCID® and MGK® - Registered trademarks of McLaughlin Gormley King Company

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
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>
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 a 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>
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. 1021-1851

EPA Est. No. 1021-MN-2

ACCEPTED  
With COMMENTS  
In EPA Letter Dated:

*May 21, 2012*

Under the Federal Insecticide, Fungicide  
and Rodenticide Act, As amended, for the  
pesticide Registered under EPA Reg. No:

1021-1851

# E-SUBMISSION

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators, and other handlers must wear the following:

- Chemical resistant gloves made of barrier laminate, butyl rubber, nitrile rubber, neoprene rubber or polyvinyl chloride.
- long-sleeve shirt,
- long pants,
- shoes and socks.

In addition to the above PPE, applicators using a high pressure handwand in an enclosed area must wear at least a NIOSH-approved respirator with:

- a dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or
- any R, P, or HE filter.

In addition to the above PPE, applicators using hand held foggers in an enclosed area must wear a half-face, full-face, or hood-style NIOSH-approved respirator with:

- a dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C), or
- a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or
- a cartridge or canister with any R,P or HE filter

USER SAFETY RECOMMENDATIONS

Users should wash hands before, eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate.

[For containers greater than 5 Gallons: 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.]

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:

GENERAL PRECAUTIONS AND RESTRICTIONS:

ENTRY RESTRICTIONS:

For Surface Spray Use:

- Do not enter or allow adults children and pets to enter until sprays have dried.

For Space Spray Use:

- Do not allow adults, children, or pets to enter the treated area for at least 15 minutes, until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

APPLICATION RESTRICTIONS:

- Do not apply this product in a way that will contact workers, children, or pets, either directly or through drift. Only protected handlers may be in the area during application.
- Remove pets and birds, and cover fish aquariums before use.

- Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.
- Do not wet articles to the point of runoff or drip
- Do not use treated article until spray has dried.
- Do not water treated area to the point of run-off.
- Remove or cover exposed food and drinking water before application.
- Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.
- Do not use in aircraft cabins
- When used in dairy barns or facilities: close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
- Do not make space spray applications when facility is in operation.
- Prior to space spray applications, cover or remove food.
- Prior to space spray applications, cover food processing surfaces or clean after treatment and before use.
- Not for use in outdoor residential misting systems.
- Not for use in a metered release system.
- Except when applying to sewers or drains as instructed on this label, do not apply directly to sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Space spraying in indoor residential areas is prohibited.

**GENERAL:** This concentrate is designed for use full strength or diluted as desired, according to the dilution table listed below. Achieve optimum performance using a mechanical aerosol generator to deliver ULV fog droplets sized less than 50 microns in diameter (with 80% or more of the droplets under 30 microns in diameter). Apply as a space, area or contact spray in residential and commercial structures and animal housing.

**In Health Care Facilities:** Remove patients from area to be treated prior to treatment. Do not return patients to treated areas until ventilation is complete. When used as a coarse wet spray, the sprayed surfaces must be dried before patients are allowed to reoccupy treated areas.

**NOTE:** Some wood and plastic finishes can be marred or damaged by insecticide applications. To avoid damage, cover those items and do not treat directly. If in doubt, test by applying this material to an inconspicuous area or surface and evaluate before application.

**NOTE:** If there is a need to treat such areas as conduits, motor housings, junction and switch boxes or other electrical equipment, turn off electrical equipment AND shut off power to the area prior to application. After application, allow time for insecticide to dry before restoring power to the area, starting motors or placing switches in the "ON" position.

**AREAS for use in:**

Animal Areas and Quarters	Court Houses	Grain Mills	Mortuaries	Stables
Animal Shelters	Crawl Spaces	Granaries	Motels	Stable Bins
Apartments	Crematoriums	Grocery Stores	Movie Theaters	Storage Bins (areas)
Arcades	Dairy and Livestock Barns	Grocery Warehouses	Museums	Stored Food in Multi-walled Paper or Cloth Bags
Attics	Day Care Centers	Healthcare Facilities	Mushroom Processing Plants	Stored Seed Warehouses
Athletic Fields	Delicatessens	Homes	Nursing Homes	Swine Housing
Auditoriums	Departments Stores	Horse Stables and Barns	Offices	Stores
Bakeries	Diners	Horse Trailers	Office Buildings	Supermarkets
Beverage Plants	Doghouses	Hospices	Other Public Buildings	Taverns
Bars	Dried Fruit Processing Plants	Hospitals	Passenger Rail Cars	Textile Mills and Warehouses
Basements	Drains and Sewers	Hotels	Peanut Processing Plants	Theaters
Bathrooms	Dried Fruit Warehouses	Indoor Eating Establishments	Peanut Storage Warehouses	Tobacco Processing Facilities
Cats	Drugstores	Industrial Installations	Poultry Houses	Tobacco Warehouses
Clipping Plants	Dumpsters	Institutional Dining Areas	Poultry Processing Plants	Townhouses
Brandy Storage Warehouses	Dwellings	Institutions	Parking Garages	Tool Sheds
Breweries	Egg Processing Plants	Jails	Pool Halls	Trains
Brewery Warehouses	Factories	Kennels	Prisons	Transportation Equipments

Buildings	False Ceilings	Laboratories	Public Buildings	Trucks
Buses	Federally Inspected Meat and Poultry Establishments	Laundromats	Public Storages	Truck Trailers
Cabins	Flour Mills	Lavatories	Rabbit Processing Plants	Tunnels, Utility
Cabinets	Food Handling Establishments	Libraries	Rabbit Housing	Utility Rooms
Cafeterias	Food Processing Plants	Liquor Stores	Railroad Cars	Vending Machines
Campers	Food Storage Facilities	Livestock Barns	Recreational Vehicles	Vegetable Packing Facilities
Canneries	Freight Containers	Loafing Sheds	Research Animal Quarters	Veterinary Hospitals
Cattle Barns	Fruit Packing Sheds	Locker Rooms	Restaurants	Wall and Equipment Voics (attics, walls, ceilings)
Churches	Funeral Parlors	Marinas	Restrooms	Warehouses
City Missions	Garbage Bins	Mausoleums	Retail Stores	Washrooms
Circus Tents	Garbage Cans	Meat Packing Plants	Rice Mills	Wholesale Stores
Closets	Garbage Compactors	Mess Halls	Schools	Wine Cellars
Club Houses	Garbage Trucks	Mills	Shade Houses	Wine Storage Warehouses
Commercial Buildings	Gas Stations	Milk Rooms	Ships	Wineries
Communication Centers	Goat Houses	Mini-Storages	Ship Holds	Zoos
Condominiums	Grain Elevators	Missions	Smoke Shops	Cargo Holds
Concession Stands	Grain Harvesting and Handling Equipment	Mobile Canteens	Sports Facilities	Meat Rendering Plants
Correctional Facilities	Garages	Morgues	Sports Stadiums	

FOR THE CONTROL OF INSECTS including:

Almond Moths	Confused Flour Beetles	Granary Weevils	Rusty Grain Beetles
Angoumois Grain Moths	Crickets	Horn Flies	Saw-toothed Grain Beetles
Ants	Dark Mealworms	Hornets	Silverfish
Bed Bugs	Darkling Beetles	Indian Meal Moths	Skipper Flies
Beetles	Dermeitid Beetles	Khapra Beetles	Spiders
Boxelder Bugs	Drain Flies	Lesser Grain Borers	Spider Beetles
Brown Dog Ticks	Dried Fruit Beetles	Lesser Houseflies	Stable Flies
Cadelles	Drugstore Beetles	Mediterranean Flour Moths	Sowbugs
Carpet Beetles	Earwigs	Merchant Grain Beetles	Tobacco Moths
Cereal Beetles	Face Flies	Midges	Warehouse Beetles
Cheese Mites	Firebrats	Miller Moths	Wasps
Cheese Skippers	Flat Grain Beetles	Millipedes	Scorpions
Chocolate Moths	Fleas	Mites	Waterbugs
Cigarette Beetles	Flies	Mosquitoes	Yellow Jackets
Clothes Moths	Fruit Flies	Palmetto Bugs	Yellow Mealworms
Clover Mites	Flying Moths	Pillbugs	House Flies
Cockroaches	Gnats	Red Flour Beetles	Barn Flies
Coffee Bean Weevils	Grain Mites	Rice Flour Beetles	Mushroom Flies
Fungus Gnats	Bees	Vinegar Flies	Blow flies
Bottle Flies	Larger Grain Borers	Lesser Mealworms	Crickets
Centipedes	Book Lice	Hide Beetles	Grasshoppers
Sheep Ticks	Spinous Ear Ticks	Hairy Fungus Beetles	Black Fungus Beetles
Ground Beetles	Flat Grain Beetles	Hairy Spider Beetles	Depressed Flour Beetles
Two Banded Beetles	Fungus Beetles	Black Carpet Beetles	Corn Sap Beetles
Brown Spider Beetles	White Marked Spider Beetles	American Black Flour Beetles	Trogoderma Beetles
Red Horned Grain Beetles	Mexican Grain Beetles	Broad-horned Flour Beetles	Square-necked Grain Beetles
Foreign Grain Beetles	Small-eyed Flour Beetles	Maize Weevils	Longheaded Flour Beetles
Slender-horned Flour	Bean Weevils	Pink Scavenger	Large Black Flour

Beetles		Caterpillars	Beetles
Weevils	European Grain Moths	Meal Worms	Cocoa Bean Moths
Rice Moths	Webbing Clothes Moths	Elm Leaf Beetles	Small Flying Moths
Cluster Flies			

APPLICATION RATES:

Type of Pest	Method of Application	Recommended Rate
Flying Insects and related pests:	As a ULV, Fog, or Space Spray	½ to 1 fluid ounce of concentrate per 1,000 cubic feet (0.52 ml/m <sup>3</sup> to 1.04 ml/m <sup>3</sup> ) of space
	As a Crack and Crevice injection	½ to 1 fluid ounce of concentrate per 1,000 cubic feet (0.52 ml/m <sup>3</sup> to 1.04 ml/m <sup>3</sup> ) of space
Crawling Insects and related pests:	As a ULV, Fog, or Space Spray	1 fluid ounce per 1,000 cubic feet (1.04 ml/m <sup>3</sup> ) of space.
	As a Contact, Surface or Crevice and Crack Spray	6 to 18 fluid ounces in one gallon of water per 1,000 square feet (1.91ml/m <sup>2</sup> to 5.7 ml / m <sup>2</sup> ) of surface area.
	As a Crack and Crevice injection	1 fluid ounce per 1,000 cubic feet of space (1.04 ml/m <sup>3</sup> ).

DILUTION TABLE

Application Method	% Pyrethrins in Solution	Mixture	Application Rate	Lbs Pyrethrins
ULV Fog or Space Spray	1.00%	Use Full Strength/ Undiluted	1 fluid ounce of concentrate per 1,000 cubic feet of space (0.052 ml/m <sup>3</sup> )	0.0006 lbs. per 1000 cubic feet (0.01 gm/ m <sup>3</sup> )
	0.50%	1 part concentrate to 1 part water		0.00032 lbs per 1,000 cubic feet (0.0025 g/m <sup>3</sup> )
Contact, Surface or Crevice and Crack Spray	0.15%	18 fluid ounces concentrate in one gallon of water (141 ml/ L)	One gallon of solution per 1,000 square feet of surface area (40ml/L)	0.012 lbs per 1,000 sq. ft. (0.19 m/m <sup>3</sup> )
	0.10%	12 fluid ounces concentrate in one gallon of water (141 ml/L)		0.008 lbs per 1,000 sq. ft (0.13 g/m <sup>3</sup> )
	0.05%	6 Fluid ounces concentrate in one gallon of water (47 ml/L)		0.004 lbs per 1,000 square feet (0.065 g/m <sup>3</sup> )
Crack and Crevice Injection	1.00%	Use Full Strength/ Undiluted	1 fluid ounce of concentrate per 1,000 cubic feet of space (0.052 ml/m <sup>3</sup> )	0.0006 lbs. per 1,000 cubic feet (0.01 gm/m <sup>3</sup> )

	0.50%	1 part concentrate to 1 part water	0.00032 lbs per 1,000 cubic feet (0.005 g/m <sup>3</sup> )
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SPACE SPRAY APPLICATIONS:

Space Spray application are prohibited in indoor residential areas.

General Instructions For Use As A Space Application In Listed Areas except indoor residential areas: Close doors, windows and shut off all ventilating equipment. Use a mechanical aerosol generator to deliver ULV fog droplets sized less than 50 microns in diameter (with 80% or more of the droplets under 30 microns in diameter). Apply at the rate of 1/2 to 1 fluid ounce of undiluted concentrate per 1,000 cubic feet of space (0.52ml to 1.04 ml/m<sup>3</sup>), or dilute with water according to the dilution table. Direct spray toward upper corners of room and ceiling. Do not remain in treated areas after application. Ventilate thoroughly before occupants are allowed to re-enter. Do not use equipment designed for deep void or crack and crevice injection for space spray applications in accessible areas. Do not apply more that 1 time per day.

Do not apply directly to food. Do not allow spray to contact stored food. Do not apply as a space spray while food processing is underway. Foods must be removed or covered during treatment. All food processing surfaces and equipment must be covered or washed with an effective cleaning compound followed by a potable water rinse. In the home all food processing surfaces, dishes and utensils must be covered during treatment or thoroughly washed before use.

When Applying As A Space Spray To Kill Flying Insects: Use a mechanical aerosol generator to deliver ULV fog droplets sized less than 50 microns in diameter (with 80% or more of the droplets under 30 microns in diameter). Following the general use and general space spray instructions on the label, apply undiluted at a rate of 1/2 fluid ounce per 1,000 cubic feet (0.52ml /m<sup>3</sup>). If diluted solution is preferred, mix 1 part concentrate to 1 part water and apply at the rate of 1 fluid ounce of diluted solution per 1,000 cubic feet (1.04 ml/m<sup>3</sup>) of space.

When Applying As A Space Spray To Kill Crawling Insects: Use a mechanical aerosol generator to deliver ULV fog droplets sized less than 50 microns in diameter (with 80% or more of the droplets under 30 microns in diameter). Following the general use and general space spray instructions on the label, treat as a space spray. First, treat cracks and crevices in woodwork, walls, floors, behind and beneath all equipment, cupboards, obstructions or dark harborage areas, underneath sinks, behind pipes, under pallets and in all places that harbor insects. Contact as many insects as possible with the application. Then, apply undiluted concentrate at the rate of 1 fluid ounce per 1,000 cubic feet (1.04ml/m<sup>3</sup>) of space.

Dried Fruit Products in Storage or Processing: Following the General use and General Space Spray instructions, do not apply to fruit directly. Apply one fluid ounce of concentrate, or diluted concentrate, per 1,000 cubic feet (1.04 ml/m<sup>3</sup>) of space. Disperse this product as a fine mist in the air above the trays and shelves. Do not apply more than 1 time per day.

For Crack and Crevice Injection: Inject into cracks and crevices or void spaces where insects may be harboring, living and breeding. Always follow equipment manufacturer's instructions for proper equipment set up and operating pressures. Place injector tip into cracks, crevices, holes and other small openings. Release approximately one-second of product. For light infestations move injector tip along cracks while treating at the rate of three linear feet per second. For heavy infestations move injector tip along at one linear foot per second. For closed voids calculate the void's cubic areas and treat at the rate of five to ten seconds per three cubic feet. Several holes may be required in long-running voids.

CONTACT OR SURFACE SPRAY APPLICATIONS:

General Instructions for Use as a Contact or Surface Spray: To kill accessible stages of listed insects, mix 6 to 18 fluid ounces of concentrate (177 ml to 532 ml ) with water to make one gallon (3.78L) of spray solution (47ml/L to 140ml/L ). Using a compressed air sprayer or similar type of sprayer, apply as a coarse, wet spray. Apply 1 gallon of spray solution mixture per 1,000 square feet (40 ml/m<sup>2</sup>) of surface area. To kill listed insects, spray thoroughly into all cracks, molding, crevices, walls, floors and other surfaces, storage and handling areas. Treat areas where insects hide, travel or rest, such as around drains, sinks, under pallets, wall voids, nests, ant trails, water pipes, around and behind heavy machinery and equipment. Contact as many insects as possible. Leave room ventilation or air conditioning equipment on during application.

For Use In Transit Protection: To kill accessible stages of listed insects, mix 6 to 18 fluid ounces (177 ml to 532 ml ) of concentrate with water to make one gallon of spray solution (47ml/L to 140 ml/L). Using a compressed air sprayer or similar type of sprayer, apply as a coarse, wet spray. Apply 1 gallon of diluted spray solution mixture per 1,000 square feet (40 ml/m<sup>2</sup>) of surface area. Clean and spray truck beds, boxcars, ship holds and other listed transit equipment before loading. Thoroughly treat walls and floors. Spray each layer of cartons or containers lightly as they are stacked for transit.

For Use On Stored Grain Products: To assist in the kill of insects in stored grain, apply to the surface of binned grain at a rate of 1 gallon per 1,000 square feet (40 ml/m<sup>2</sup>). Apply at monthly intervals with the first appearance of insects. In case of severe infestations of flying moths, break up webbing before spraying and make a second application in two weeks

ANIMAL HOUSING APPLICATIONS:



General Instructions for Use in and Around Animal Housing and Related Facilities:

Do not apply more than 1 time per day.

For use in and around listed livestock areas to kill accessible stages of listed insects. Do not apply spray directly to animals that will be used for milk or meat production. If facilities are to be used for milk and/or meat animals, remove animals before application. Milk and/or meat animals may re-occupy the facility once the insecticide has dried.

As a Space Spray in Animal Housing: Following the General and General Animal Housing instructions, use a mechanical aerosol generator to deliver ULV fog droplets sized less than 50 microns in diameter (with 80% or more of the droplets under 30 microns in diameter). Apply at the rate of 1/2 to 1 fluid ounce of undiluted concentrate per 1,000 cubic feet (0.52 ml /m<sup>3</sup> to 1.04 ml/m<sup>3</sup>) of space above the animals, or dilute with water according to the dilution table. Direct application above the animals, towards upper portions of the enclosure, filling the room with mist.

As a Contact or Surface Spray in Animal Housing: To kill accessible stages of listed insects, mix 6 to 18 fluid ounces (177 ml to 532 ml) of concentrate with water to make one gallon (3.78L) of spray solution (47ml/L to 250 ml /L). Following the General and General Animal Housing instructions use a compressed air sprayer, or similar type of sprayer, to apply solution as a coarse, wetting spray. Apply approximately 1 gallon of spray solution mixture per 1,000 square feet (40 ml/m<sup>3</sup>) of surface area. Spray walls, cracks and crevices, foundation, rafters, floor and any area where insects hide or rest. Animals may re-occupy the facility once the insecticide has dried.

**STORAGE AND DISPOSAL**

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

PESTICIDE STORAGE:

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

PESTICIDE DISPOSAL:

To avoid wastes, use all materials in the containers 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 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 [for containers of 5 Gallons (18.9 L) or less]: 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 1/4 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.

Triple Rinse as follows [for containers greater than 5 Gallons (18.9 L)]: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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 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.