

1021-1732

9/29/2011

1 of 12

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



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 29, 2011

Steve Ditto  
McLaughlin Gormley King Company  
8810 Tenth Ave. N  
Minneapolis, MN 55427

Subject: Amended Reregistration Label  
Product Name: Pyrocyde Pressurized Flying Insect Spray 74151  
EPA Registration Number: 1021-1732  
EPA Decision Numbers: 412424 and 410904

Dear Mr. Ditto:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the pyrethrins, PBO and MGK 264 REDs, and has concluded that your submission is acceptable.

NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 2/25/11
- Alternate CSF. Dated 2/25/11


A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped

after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Jennifer Urbanski at 703-347-0156 or [urbanski.jennifer@epa.gov](mailto:urbanski.jennifer@epa.gov).

Sincerely,



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

*Enclosures: Label stamped "Accepted," dated 9/29/11  
Acute Toxicity Review, dated 11/2/10  
Product Chemistry Reviews, dated 4/5/11 and 4/26/11*

3012

74151-0811



McLAUGHLIN  
GORMLEY  
KING COMPANY

PYROCID<sup>®</sup> Pressurized  
Flying Insect Spray 74151

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

# PYROCID<sup>®</sup> Pressurized Flying Insect Spray 74151

## MASTER LABEL

SUB\_LABEL A: NON-RESIDENTIAL USE

SUB LABEL B: RESIDENTIAL USE

ACCEPTED  
SEP 29 2011  
Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:

EPA. Reg. No: 1021-1732

ACTIVE INGREDIENTS:	
Pyrethrins .....	0.25%
* Piperonyl butoxide .....	2.50%
OTHER INGREDIENTS .....	97.25%
	<u>100.00%</u>

\* (butylcarbityl) (6-propylpiperonyl) ether and related compounds  
PYROCID<sup>®</sup>, MGK<sup>®</sup> - Registered trademarks of McLaughlin Gormley King Company

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**

Net Weight \_\_\_\_\_

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

EPA Reg. No. 1021-1732

EPA Est. No. 1021-MN-2

# PYROCID® Pressurized Flying Insect Spray 74151

SUB-LABEL A: NON-RESIDENTIAL USE

74151-0811



McLAUGHLIN  
GORMLEY  
KING COMPANY

PYROCID<sup>®</sup> Pressurized  
Flying Insect Spray 74151

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]

[Kills [controls] and Repels Stable Flies, Horse Flies, Face Flies, Deer Flies, House Flies and Gnats]

[For use in Animal Quarters, Dairies, Milk Rooms, Milking Parlors, Calving Areas, Dairy and Hog Barns as well as outdoor areas]

[For use on Beef Cattle, Dairy Cattle, Horses, Hogs, Chickens, and other livestock]

[Quick-killing pyrethrin controls flying insects in the dairies, barns, storage sites and other listed areas]

ACTIVE INGREDIENTS:

Pyrethrins .....	0.25%
* Piperonyl butoxide .....	2.50%
OTHER INGREDIENTS .....	97.25%
	100.00%

\* (butylcarbityl) (6-propylpiperonyl) ether and related compounds  
PYROCIDE<sup>®</sup>, MGK<sup>®</sup> - 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 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 Weight \_\_\_\_\_  
Mc LAUGHLIN GORMLEY KING COMPANY  
8810 Tenth Avenue North  
Minneapolis, MN 55427

EPA Reg. No. 1021-1732

EPA Est. No. 1021-MN-2

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

- Long sleeve shirt,
- Long pants,
- Shoes and socks.
- Chemical-resistant gloves made of any waterproof material.

USER SAFETY RECOMMENDATIONS:

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

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 materials 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. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

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.

**PHYSICAL OR CHEMICAL HAZARDS**

**Contents under pressure.** Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in or on electrical equipment due to possibility of shock hazard.

PYROCIDE® Pressurized Flying Insect Spray 74151 contains the quick-killing botanical insecticide Pyrethrum, [an extract of a Chrysanthemum flower], which provides effective control of insects upon direct contact, with an added benefit of flushing [repelling] these insects to aid in more complete control [kill].

PYROCIDE® Pressurized Flying Insect Spray 74151 can be used in listed animal quarters. [This product] [brand name] provides fast, effective control [kill] and repellency of the listed pests. PYROCIDE® Pressurized Flying Insect Spray 74151 can also be used on listed livestock and horses for quick control [kill] of pests on these animals.

PYROCIDE® Pressurized Flying Insect Spray 74151 can be used in listed pet quarters. [This product] [brand name] provides fast, effective control [kill] and repellency of the listed pests.

PYROCIDE® Pressurized Flying Insect Spray 74151 can be used in restaurants and other listed areas to control [kill], on contact, listed pests and is a fast, effective product for flying insect control. Effectively controls exposed stages of stored product pests without persistent residue problems, because it breaks down quickly on treated surfaces exposed to light.

For use in:

Animal Holding Areas, Animal Quarters, Barns, Beef Barns, Bottling Plants, Buildings Housing Animals or Poultry, Calving Barns, Canneries, Commercial Buildings, Crematoriums, Dairy Barns, Dairies, Dried Fruit Storage Areas, Dumpsters, Factories, Farm Structures, Food Processing Plants, Food Storage Areas, Funeral Parlors, Garbage Cans, Goat Holding Areas, Grain Elevators, Grain Storage, Hog Barns, Horse Stables, Hotels, Industrial Plants, Institutions, Kennels, Kitchens, Livestock Holding Areas, Loafing Sheds, Mausoleums, Milk Houses, Milk Rooms, Milk Sheds, Milking Rooms, Mortuaries, Pet Sleeping Areas, Poultry Houses, Railroad Cars, Restaurants, Rice Mills, Seed Storage, Sheep Holding Areas, Ships, Stables, Storage Areas [Sites], Stored Products, Supermarkets, Swine Houses, Theaters, Tobacco Warehouses, Trailers, Tree Nut Storage Areas, Trucks, Utility Rooms, Veterinary Clinics, Warehouses, Washrooms, and Wheat Mills. [Industrial] [Institutional]

**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:**

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.  
Except when applying to livestock, do not enter or allow others to enter treated area until sprays have dried.

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Except when applying to livestock, do not apply this product in a way that will contact workers or other persons, either directly or through drift.

Except when applying to livestock, only protected handlers may be in the area during application.

Do not apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

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

**SHAKE BEFORE USE AND AT INTERVALS DURING PROLONGED USE.** Hold container upright with nozzle pointing away from face. Press valve down and 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, Stable Flies, House Flies, Horse Flies, Lesser House Flies, Deer Flies, Horn Flies, and Black Flies: Spray at the rate of 5 – 10 seconds per 1,000 cubic feet of space, directing the spray toward the ceiling and upper corners of the room and not directly towards the animals or birds. For best results, close doors and windows if possible, before spraying and keep room 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 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 head 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.

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 Ixodid ticks on livestock and to obtain protection against reinfestation, spray to sufficiently wet animal.

**SPACE TREATMENT INDOORS:**

**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 insects. 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.

For maximum efficacy, close all doors and windows, turn off fans and air conditioner, and spray upward into center of room with slow, sweeping motion. Spray 5 – 10 seconds for average size room [1,000 cubic feet] [10 ft. x 12 ft. x 8 ft.]. Keep room closed for 15 minutes after spraying. Ventilate room for 5 minutes before entry. For use in Food Areas of Food-Handling Establishments:

**FLIES, GNATS, FLYING MOTHS,** exposed stages of Indian Meal Moths, Angoumois Grain Moths, Tobacco Moths, Clothes Moths, Chocolate Moths, Almond Moths, Miller Moths, and other listed flying insects: Direct spray into all parts of the room, paying special attention to hiding places. Sweep up and discard fallen insects.

**SPACE TREATMENT OUTDOORS:**

Do not make applications during rain.

Do not wet plants to the point of runoff or drip.

Do not water the treated area to the point of run-off.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- (1) Treatment to soil or vegetation around structures;
- (2) Applications to lawns, turf, and other vegetation;
- (3) Applications to building foundations, up to to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

**GNATS, MIDGES, FLIES, and FLYING INSECT CONTROL:** Use prior to entry outdoors to reduce annoyance from these and other flying pests. Spray around patios, porches, gazebos, shrubbery, vegetation, and any other listed areas where these insects may rest. For best results, treat when wind velocity does not exceed 5 miles per hour.

**EXPOSED STAGES of Indian Meal Moths, Angoumois Grain Moths, Tobacco Moths, Chocolate Moths, Almond Moths, Millers, and other flying moths:** Direct spray into all parts of room, especially around stored food product containers, pallets, and darkened areas. Infested stored products should be fumigated or treated with EPA approved products [such as] [brand name].

**FOR USE IN CANNERIES:** Before bringing in produce, thoroughly clean floors, conveying equipment, and walls, paying special attention to cracks and crevices. Spray 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 Fruit Flies, Moths, House Flies, and other listed insects.

**FOR USE IN STORAGE SITES:** This product can be used in warehouse bins and trucks, cargo ships, mills, bin hoppers, elevators, and conveying equipment as a cleanup prior to using them for storage. In mills and elevators, all infested accumulations of grain should be removed from the bin hoppers. All storage and conveying equipment should be thoroughly cleaned by sweeping out waste grain, cobwebs, and other debris from the walls, rafters, floors, and door frames, paying special attention to material lodged in cracks and crevices. All debris should be removed and burned to kill eggs and insects that might be present.

**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. These cleaning operations should be done 2 – 3 weeks before harvest.

After above sanitation measures have been employed, spray all areas prior to use for storage as directed.

<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>Do Not Puncture or Incinerate!          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.</p>
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Federal regulations prohibit  
 CFC propellants in aerosols  
 Contains NO CFC's or other Ozone Depleting Substances



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# PYROCID<sup>®</sup> Pressurized Flying Insect Spray 74151

## SUB-LABEL B: RESIDENTIAL USE

74151-0811



McLAUGHLIN  
GORMLEY  
KING COMPANY

PYROCID<sup>®</sup> Pressurized  
Flying Insect Spray 74151

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]

[Kills [controls] and Repels Stable Flies, Horse Flies, Face Flies, Deer Flies, House Flies and Gnats]

[For use in Animal Quarters, Dairies, Milk Rooms, Milking Parlors, Calving Areas, Dairy and Hog Barns as well as outdoor areas]

[For use on Beef Cattle, Dairy Cattle, Horses, Hogs, Chickens, and other livestock]

[Quick-killing pyrethrin controls flying insects in barns, storage sites and other listed areas]

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ACTIVE INGREDIENTS:

Pyrethrins .....	0.25%
* Piperonyl butoxide .....	2.50%
OTHER INGREDIENTS .....	97.25%
	<u>100.00%</u>

\* (butylcarbityl) (6-propylpiperonyl) ether and related compounds  
PYROCIDE®, 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 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 Weight \_\_\_\_\_  
Mc LAUGHLIN GORMLEY KING COMPANY  
8810 Tenth Avenue North  
Minneapolis, MN 55427

EPA Reg. No. 1021-1732

EPA Est. No. 1021-MN-2

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Avoid contamination of food or feedstuffs.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

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.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in or on electrical equipment due to possibility of shock hazard.

PYROCIDE® Pressurized Flying Insect Spray 74151 contains the quick-killing botanical insecticide Pyrethrum, [an extract of a Chrysanthemum flower], which provides effective control of insects upon direct contact, with an added benefit of flushing [repelling] these insects to aid in more complete control [kill].

PYROCIDE® Pressurized Flying Insect Spray 74151 can be used in listed animal quarters. [This product] [brand name] provides fast, effective control [kill] and repellency of the listed pests.

PYROCIDE® Pressurized Flying Insect Spray 74151 can be used in listed pet quarters. [This product] [brand name] provides fast, effective control [kill] and repellency of the listed pests.

PYROCIDE® Pressurized Flying Insect Spray 74151 can be used in listed areas to control [kill], on contact, listed pests and is a fast, effective product for flying insect control. Effectively controls exposed stages of stored product pests without persistent residue problems, because it breaks down quickly on treated surfaces exposed to light.

For use in:

Animal Holding Areas, Animal Quarters, Attics, Barns, Buildings Housing Animals or Poultry, Calving Barns, Dried Fruit Storage Areas, Dumpsters, Farm Structures, Food Storage Areas, Garbage Cans, Goat Holding Areas, Grain Elevators,

Grain Storage, Hog Barns, Homes, Horse Stables, Kennels, Kitchens, Livestock Holding Areas, Loafing Sheds, Milk Houses, Milk Rooms, Milk Sheds, Milking Rooms, Pet Sleeping Areas, Poultry Houses, Seed Storage, Sheep Holding Areas, Stables, Storage Areas [Sites], Stored Products, Swine Houses, Trailers, Tree Nut Storage Areas, Utility Rooms, Washrooms, and Wheat Mills.

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

- Remove pets, birds, and cover fish aquariums before spraying.
- Do not allow adults, children, or pets to enter the treated area until sprays have dried.
- Do not allow adults, children, or pets to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.
- Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift.
- Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.
- 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.
- Except when applying to livestock, do not enter or allow others to enter treated area until sprays have dried.
- Except when applying to livestock, do not apply this product in a way that will contact workers or other persons, either directly or through drift.

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

SHAKE BEFORE USE AND AT INTERVALS DURING PROLONGED USE. Hold container upright with nozzle pointing away from face. Press valve down and 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, Stable Flies, House Flies, Horse Flies, Lesser House Flies, Deer Flies, Horn Flies, and Black Flies: Spray at the rate of 5 – 10 seconds per 1,000 cubic feet of space, directing the spray toward the ceiling and upper corners of the room and not directly towards the animals or birds. For best results, close doors and windows if possible, before spraying and keep room closed for 10 – 15 minutes. Applicator should vacate the treated area and ventilate it prior to returning.

FOR USE ON NON-COMMERCIAL 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 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 head 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.  
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 Ixodid ticks on livestock and to obtain protection against reinfestation, spray to sufficiently wet animal.

SPACE TREATMENT INDOORS:

FLIES, GNATS, FLYING MOTHS, exposed stages of Indian Meal Moths, Angoumois Grain Moths, Tobacco Moths, Clothes Moths, Chocolate Moths, Almond Moths, Miller Moths, and other listed flying insects: Direct spray into all parts of the room, paying special attention to hiding places. Sweep up and discard fallen insects.

For maximum efficacy, close all doors and windows, turn off fans and air conditioner, and spray upward into center of room with slow, sweeping motion. Spray 5 – 10 seconds for average size room [1,000 cubic feet] [10 ft. x 12 ft. x 8 ft.]. Keep room closed for 15 minutes after spraying. Ventilate room for 5 minutes before entry.

SPACE TREATMENT OUTDOORS:

- Do not make applications during rain.
- Do not wet plants to the point of runoff or drip.
- Do not water the treated area to the point of run-off.
- All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
  - (1) Treatment to soil or vegetation around structures;
  - (2) Applications to lawns, turf, and other vegetation;
  - (3) Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

**GNATS, MIDGES, FLIES, and FLYING INSECT CONTROL:** Use prior to entry outdoors to reduce annoyance from these and other flying pests. Spray around patios, porches, gazebos, shrubbery, vegetation, and any other listed areas where these insects may rest. For best results, treat when wind velocity does not exceed 5 miles per hour.

**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. These cleaning operations should be done 2 - 3 weeks before harvest.

After above sanitation measures have been employed, spray all areas prior to use for storage as directed.

**CLOTHES MOTHS and other Flying 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. Return clean articles after spray has thoroughly dried.

**FLEAS AND BROWN DOG TICKS: FOR USE IN LISTED PET AREAS.** Remove and either launder or destroy pet's old bedding. To reduce infestation, thoroughly spray the animal's clean bedding, sleeping quarters, and kennel, and 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 dog houses. Put fresh bedding in pet's quarters after spray has dried. Do not wet articles to the point of runoff. Allow treated areas to dry thoroughly before allowing pets to re-enter. For best results, pets should be treated with an EPA registered flea and tick control product before they return to the treated area. **DO NOT TREAT PETS WITH THIS PRODUCT.**

**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**

Do Not Puncture or Incinerate!

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.



Federal regulations prohibit CFC propellants in aerosols  
Contains NO CFC's or other Ozone Depleting Substances