



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

January 15, 2016

Steven K. Ditto  
U.S. Regulatory Affairs Manager  
McLaughlin Gormley King Company D/B/A MGK  
8810 10<sup>th</sup> Ave. N  
Minneapolis, MN 55427

Subject: Notification per PRN 98-10 – Minor language changes in label  
Product Name: MGK AGRIPEST CROPFUME P-H WITH PYRETHRINS  
EPA Registration Number: 1021-2575  
Application Date: 12/15/2015  
Decision Number: 512171

Dear Mr. Ditto:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in. Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact Angela Hollis at 703-347-0216 or via email at [hollis.angela@epa.gov](mailto:hollis.angela@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "J. Saunders", followed by the word "for" written in a smaller, cursive script.

Jennifer Urbanski Saunders, Ph.D.  
Product Manager 4  
Invertebrate and Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

# MGK<sup>®</sup> AgriPest Cropfume P-H with Pyrethrins

- This Unique Aerosol System Employs Liquid Carbon Dioxide as a Solvent and Propellant
- Do Not Dispose of Container
- Return Containers for CO<sub>2</sub> and Active Ingredient to Manufacturer(s) for Refilling
- **For kill of bean thrips (*Caliothrips faciatius*); Western flower thrips (*Frankliniella occidentalis*) and citrus thrips (*Scirtothrips citri*) in citrus degreening rooms**

**ACTIVE INGREDIENTS:**

Pyrethrins .....	4.03%
* Piperonyl Butoxide .....	32.26%
**OTHER INGREDIENTS .....	63.71%
	<hr/> 100.00%

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

\*\* Contains petroleum distillate

MGK<sup>®</sup> - Registered trademark of the McLaughlin Gormley King Company

**NOTIFICATION**

1021-2575

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

01/15/2016

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> <li>▪ Immediately call a poison control center or doctor.</li> <li>▪ Do not give <b>any</b> liquid to the person.</li> <li>▪ Do not induce vomiting unless told to do so by a poison control center or a doctor.</li> <li>▪ Do not give anything by mouth to an unconscious person.</li> </ul>
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> <li>▪ Take off contaminated clothing.</li> <li>▪ Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>▪ Call a poison control center or doctor for treatment advice.</li> </ul>
IF IN EYES:	<ul style="list-style-type: none"> <li>▪ Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>▪ Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.</li> <li>▪ Call a poison control center or doctor for treatment advice.</li> </ul>
IF INHALED:	<ul style="list-style-type: none"> <li>▪ Move person to fresh air.</li> <li>▪ If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>▪ Call a poison control center or doctor for further treatment advice.</li> </ul>
NOTE TO PHYSICIAN: Contains petroleum distillate – vomiting may cause aspiration pneumonia. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call the International Poison Center at 1-888-740-8712.	

Manufactured by:



8810 Tenth Avenue North  
Minneapolis, MN 55427

EPA Reg. No. 1021-2575

EPA Est. No. 1021-MN-2

Net Contents: \_\_\_\_\_

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

**Contains Petroleum Distillates.** Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin, eyes and clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to or near water. Drift and runoff may be hazardous to fish in water adjacent to treated areas. See Directions for Use for additional precautions and requirements.

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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

**DIRECTIONS FOR USE**  
It is a violation of Federal Law to use this product  
in a manner inconsistent with its labeling.

**USE RESTRICTIONS**

- Apply this product only as specified on this label.
- Do not contaminate food or feedstuffs.
- This product is for indoor use only.
- 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 remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.
- Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift.
- For indoor food handling and processing facilities: Do not make space spray applications while facility is in operation. Prior to space spray applications, cover or remove exposed food or drinking water. Prior to space spray applications, cover or remove dishes, utensils, food processing equipment and food preparation surfaces, or wash them before use.
- Do not apply to classrooms when in use.
- Do not apply directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow this product to enter any drain before or after application.
- Remove pets, birds and cover fish aquariums before spraying.

**USE AREAS**

For use in and around the following:

Food and Feed Processing and Handling Sites  
Stored Product Areas  
Grain and Seed Storage and Handling Sites  
Commercial Transportation Facilities  
Private and Commercial Dwellings

Animal Shelters  
Schools and Daycare Centers  
Hospices, Hospitals and Nursing Homes  
Nonresidential Buildings  
Other Commercial, Industrial and Governmental Sites

MGK® AgriPest Cropfume P-H with Pyrethrins is to be used as a space spray applied using apparatus designed or approved by McLaughlin Gormley King Company. Apply MGK® AgriPest Cropfume P-H with Pyrethrins at an application rate not to exceed 3g / 1000 ft<sup>3</sup> (4.3 mg of pyrethrins / m<sup>3</sup>), except when applying against bean thrips in citrus greenhouses diluting as required following the instructions of the spraying equipment.

For optimum performance, close all doors and windows, shut off all HVAC equipment. The area should be closed for a minimum of 2 hours after treatment. The frequency of application should be determined by the degree of infestation and should be sufficient to interrupt the life cycle of the target species. The application rates given below pertain to exposure periods of 2 hours. Where exposure periods are in excess of 2 hours (i.e. up to 6 hours), lower application rates may be used to achieve the same level of kill.

To kill flying insects such as House Flies, Fruit Flies and Moths, apply MGK® AgriPest Cropfume P-H with Pyrethrins at the rate of 1g / 1000 ft<sup>3</sup> (1.4 mg of pyrethrins / m<sup>3</sup>). Thoroughly ventilate treated area before re-entry.

To kill crawling and flying insects, apply at the rate of 2 - 3g / 1000 ft<sup>3</sup> (2.8 - 4.3 mg of pyrethrins / m<sup>3</sup>). MGK® AgriPest Cropfume P-H with Pyrethrins may only provide an aid to the control of Flour Beetles. Thoroughly ventilate treated area before re-entry.

As a grain and seed protectant, MGK® AgriPest Cropfume P-H with Pyrethrins may be applied to the following grains and seeds: barley, beans, bird seed, buckwheat, cocoa beans, corn, cottonseed, flax, oats, rice, rye, sorghum and wheat to protect them from Indian Meal Moths, Angoumois Grain Moths, Mediterranean Flour Moths and other listed pests. Inspections should be made monthly after the grain is placed in storage. Apply MGK® AgriPest Cropfume P-H with Pyrethrins at the rate of 1 - 3g / 1000 ft<sup>3</sup> (1.4 - 4.3 mg of pyrethrins / m<sup>3</sup>). See the following table for the specific application rate to apply for the pest to be killed. Thoroughly ventilate treated area before re-entry.

On Almonds, Peanuts and Walnuts in Bulk or in Bags: To kill stored product insects, such as Almond moths, Angoumois Grain Moths, Ants, Cigarette Beetles, Confused Flour Beetles, Drugstore Beetles, Flat Grain Beetles, Indianmeal Moths, Mediterranean Flour Moths, Merchant Grain Beetles, Red Flour Beetles, Rusty Grain Beetles, Sawtoothed Grain Beetles and Squarenecked Grain Beetles, apply MGK® AgriPest Cropfume P-H with Pyrethrins at the rate of 1 - 3g / 1000 ft<sup>3</sup> (1.4 - 4.3 mg of pyrethrins / m<sup>3</sup>). See the following table for the specific application rate to apply for the pest to be killed. Thoroughly ventilate treated area before re-entry.

Stored Sweet Potatoes: To kill Fruit Flies and Vinegar Flies, apply MGK® AgriPest Cropfume P-H with Pyrethrins at the rate of 1g / 1000 ft<sup>3</sup> (1.4 mg of pyrethrins / m<sup>3</sup>). Thoroughly ventilate treated area before re-entry.

USE OF HARVESTED FRUITS: To kill Fruit Flies and Vinegar Flies on harvested fruits including apples, blackberries, blueberries, boysenberries, cherries, crabapples, currants, dewberries, figs, gooseberries, grapes, guavas, loganberries, mangoes, muskmelons, oranges, peaches, pears, peas, pineapples, plums, raspberries, tomatoes, apply MGK® AgriPest Cropfume P-H with Pyrethrins at the rate of 1g / 1000 ft<sup>3</sup> (1.4 mg of pyrethrins / m<sup>3</sup>). Thoroughly ventilate treated area before re-entry.

Application rates for target species are as follows:

Species		Dose Rates Target g Pyrethrins/1000 ft <sup>3</sup> (mg of pyrethrins / m <sup>3</sup> ),	
Fruit Flies	Drosophila sp.	1.0	(1.4)
House Fly	Musca domestica	1.0	(1.4)
Indianmeal Moth	Plodia interpunctella	1.0	(1.4)
Spiders	Araneida	1.0	(1.4)
Warehouse Beetle	Trogoderma variabile	1.0	(1.4)
Ants	Formicidae	2.0	(2.8)
German Cockroach	Blattella germanica	2.0	(2.8)
Oriental Cockroach	Blatta orientalis	3.0	(4.3)
American Cockroach	Periplaneta americana	3.0	(4.3)
Sawtoothed Grain Beetle	Oryzaephilus surinamensis	3.0	(4.3)
Cigarette Beetle	Lasioderma serricorne	3.0	(4.3)
*Confused Flour Beetle	Tribolium confusum	3.0	(4.3)
*Red Flour Beetle	Tribolium castaneum	3.0	(4.3)

\*Aid in kill only

**To kill bean thrips (*Caliothrips faciatius*); Western flower thrips (*Frankliniella occidentalis*) and citrus thrips (*Scirtothrips citri*) in citrus degreening rooms.**

MGK® AgriPest Cropfume P-H with Pyrethrins kills multiple thrips species that contaminate harvested fruit prior to processing.

MGK® AgriPest Cropfume P-H with Pyrethrins is to be used as a volumetric space treatment applied through a fixed spray system specifically designed for MGK® AgriPest Cropfume P-H with Pyrethrins and approved by McLAUGHLIN GORMLEY KING COMPANY (MGK).

BinsBins or cartons containing recently harvested citrus should be placed into the degreening room at no greater than 75% capacity. BinsBins or cartons must be configured in such a way as to allow the maximum amount of space between all binsbins or cartons, ceiling and inner walls of the room. BinsBins or cartons should not be stacked so high as to interfere with the projection of spray from the output nozzles. Prior to activation of the system, the temperature of the room must be brought to a minimum of 65°F (18°C) and allowed to reach thermal equilibrium from ceiling to floor. This will promote insect movement and ensure uniform particle distribution, thereby optimizing product performance. For kill of the aforementioned pests, apply MGK® AgriPest Cropfume P-H with Pyrethrins at a rate of 5g/1000 cu ft. Once the system has been activated, the treated area should remain sealed for a minimum of 2 hours. For maximum product performance, the treated area should remain closed for as long as operationally feasible. Rooms should be thoroughly ventilate treated area before re-entry. Repeat as needed.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** This cylinder must be checked periodically. A defective cylinder should not be used. A cylinder that has parts missing, is worn or is distorted should be replaced immediately. Store upright in a cool and dry area. Post as a pesticide storage area. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulations on lower shelves and dry formulations above.

**PESTICIDE DISPOSAL:** To avoid wastes, use all materials in this container by application according to label directions. Pesticide that cannot be used according to label instructions must be returned to the point of purchase in its original container.

**CONTAINER HANDLING:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Return empty cylinder to manufacturer for refilling. This cylinder must not be disposed of in any manner. Cylinders must be returned to point of purchase for credit. All cylinders, valves and caps remain the property of the manufacturer. Federal regulations prohibit the refilling of cylinders without written consent of the manufacturer.

[Optional storage and disposal for containers less than or equal to 5 gallons:]

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

**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 ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available, reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

[Optional storage and disposal for containers larger than 5 gallon capacity:]

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool, dry place. Keep container closed. Store away from food and pet food

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

**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 the application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available, reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

### IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of McLaughlin Gormley King Company. All such risks shall be assumed by the user or buyer.

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