

1021-1761

9/29/2011

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 29, 2011

Steven Ditto  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427

Subject: Amended Reregistration Label  
Product Name: Pyroicide® Flusher 51922  
EPA Registration Number: 1021-1761  
EPA Decision Number: 410906, 412429, 414440

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, Piperonyl Butoxide 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.

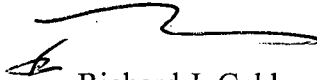
Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 7/8/2010
- Alternate CSF A, dated 7/8/2010
- Alternate CSF B, dated 7/8/2010

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 either Linda Arrington at (703) 305 6249 or via e-mail at [Arrington.Linda@epa.gov](mailto:Arrington.Linda@epa.gov).

Sincerely yours,



Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7505P)

Enclosures: Label stamped "Accepted," dated 9/29/2011  
Acute Toxicity Review, dated 4/12/2011  
Product Chemistry Review, dated 12/22/2010



McLAUGHLIN  
GORMLEY  
KING COMPANY

PYROCID<sup>®</sup> Flusher<sup>™</sup> 51922

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

[ ] OR ( ) indicates alternate or optional wording

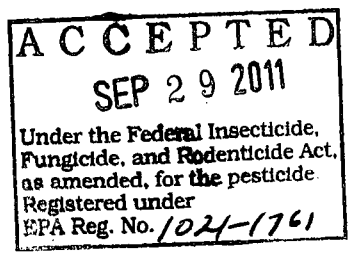
- [Instantly drives roaches from their harborages]
- [Ideal inspection tool]
- [Provides initial kill of pests contacted]
- [Integral part of an IPM Program in schools, government buildings, military bases, and other public buildings]
- Patented Dry Delivery
- Dry Aerosol Delivery
- Patented Dry Fog Technology
- Patented NFDF<sup>™</sup> Technology
- Patented Non-Flammable Formula
- 10 micron average particle size
- Contains Pyrethrins – a botanical insecticide derived from Chrysanthemum flowers.
- Dual Synergized Pyrethrins
- Kills Ants, Cockroaches, Fleas, Flies, Ticks, Spiders, and Wasps
- Kills a broad spectrum of flying and crawling pests
- For use in Food Handling and Processing
- Provides flushing and kill
- Rapid flushing and kill
- For space spray, and crack & crevice application
- Contains no ozone depleting substances
- Ready to Use
- Easy to Use

**KILLS:** Angoumois Grain Moths, Ants, Asian Lady Beetles, Bed Bugs, Booklice, Box Elder Bugs, Carpet Beetles, Centipedes, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Cluster Flies, Cockroaches, Confused Flour Beetles, Crickets, Drug Store Beetles, Fleas, Flies, Fruit Flies, Gnats, Grain Mites, Granary Weevils, Horn Flies, House Flies, Indian Meal Moths, Mediterranean Flour Moths, Millipedes, Mosquitoes, Mud Daubers, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Small Flying Moths, Sowbugs, Spiders, Stable Flies, Stink bugs, Ticks and Wasps.

**FOR USE IN:** Food Storage Areas, Homes, Hospitals, Hotels, Food Processing Plants, Nursing Homes, Resorts, Restaurants and other Food Handling Establishments, Schools, Supermarkets, Transportation Equipment (Buses, Boats, Planes (Cargo Areas Only), Ships, Trains, Trucks), Utilities, Warehouses, and other Residential, Commercial, and Industrial Buildings.

**ACTIVE INGREDIENTS:**

Pyrethrins -----	0.50%
* Piperonyl Butoxide-----	1.00%
** N-Octyl Bicycloheptene Dicarboximide -----	1.67%
<b>OTHER INGREDIENTS -----</b>	<b>96.83%</b>
	<b>100.00%</b>



\* (Butylcarbityl) (6-Propylpiperonyl) Ether and Related Compounds  
 \*\* MGK<sup>®</sup> 264, Insecticide Synergist  
 MGK<sup>®</sup>, PYROCIDE<sup>®</sup> - Registered trademarks of McLaughlin Gormley King Company  
 Flusher<sup>™</sup> - Trademark of McLaughlin Gormley King Company  
 [Non-Flammable][ Non-Flammable Dry Fog Technology]

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**FIRST AID**

<b>IF SWALLOWED:</b>	<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>• Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED:</b>	<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>
<b>NOTE TO PHYSICIAN:</b> 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 1-888-740-8712.	

Net Weight \_\_\_\_\_  
 Manufactured by:  
 Mc LAUGHLIN GORMLEY KING COMPANY  
 8810 Tenth Avenue North  
 Minneapolis, MN 55427

EPA Reg. No. 1021-1761

EPA Est. No. 1021-MN-2



Contains no CFCs or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.

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

**CAUTION**

Harmful if inhaled. Avoid breathing vapor or spray mist. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**Personal Protective Equipment (PPE)**

Applicators, and other handlers must wear the following:

- Long-sleeve shirt,
- Long pants,
- Shoes and socks.

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 this product's concentrate. Do not reuse them.

**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 electrical equipment (where there is exposed wiring or contact points) due to possibility of short circuits and shock hazard. Do not spray on plastic, painted, or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc.

**DIRECTIONS FOR USE**

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

This product provides rapid kill of insects contacted. This product is [It is also] recommended for use as an aid for inspections, to determine the presence of insects, their locations and an indication of the size and distribution of the infestation. It provides rapid kill of insects contacted.

**Precautions and Restrictions**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

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 enter or allow others to enter until sprays have dried.

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.

Do not remain in treated area and thoroughly ventilate the area after treatment is completed.

Do not contaminate water, food, or foodstuffs.

Remove all pets and birds.

For aquariums, remove or cover and turn off air pumps (if conditions permit)

**IN HOSPITALS:** Remove patients prior to treating the facility. Thoroughly ventilate area for at least two hours prior to returning patients.

**IN PLANE CARGO AREAS:** Application of this product in airplane cabins is strictly prohibited. Only treat cargo areas while plane is vacant. Following treatment, thoroughly ventilate cargo areas for at least 2 hours prior to reoccupying.

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 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.

**INDOOR USE ONLY**

**FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS:** Foods should be removed or covered during general volumetric treatment (space spray). After general volumetric treatment, all exposed food processing surfaces and equipment should be thoroughly washed with an effective cleaning compound followed by a potable water rinse before using. Careful crack and crevice application for inspection purposes is permissible at all times. In food handling establishments, do not apply as a space spray while food processing is underway. Do not apply more than 1 time per day.

**FLYING INSECTS (Flies, Mosquitoes, Small Flying Moths, Wasps, Gnats):** Close all windows and doors. Apply upward in a sweeping motion at a rate of 1-2 seconds per 1,000 cubic feet. Keep treated area closed for at least 15 minutes. Open and thoroughly ventilate treated area before reoccupying. Do not apply more than 1 time per day.

**CRAWLING INSECTS (Cockroaches, Ants, Spiders, Silverfish):** General Volumetric Treatment – Open cabinets and doors into space to be treated. Turn off air conditioners and fans and close windows and doors before treating. Disperse toward areas suspected of greatest insect harborage at a rate of 1-2 seconds per

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1,000 cubic feet. Contact as many insects as possible. Keep treated area closed for at least 15 min. Open and thoroughly ventilate the treated area before reoccupying. Do not apply more than 1-time per day. Also spray into cracks, crevices, and hiding areas such as baseboards, moldings, door frames, under sinks, behind stoves and refrigerators, and around plumbing and drains.

**FLEAS:** Spray sleeping quarters, bedding, floor, and floor covering where pets are kept. Apply for 10-15 seconds per 100 square feet of area.

**ANTS:** Spray ant trails, nests, and points of entry. For initial clean-out, apply for 10-15 seconds per 100 square feet of floor area.

**CONFUSED FLOUR BEETLES, RED FLOUR BEETLES, SAWTOOTHED GRAIN BEETLES, GRANARY WEEVILS, RICE WEEVILS, GRAIN MITES, CARPET BEETLES, CIGARETTE BEETLES:** Spray into cracks and crevices, around processing and handling equipment, around cartons and containers and other areas insects tend to congregate. Apply for 10-15 seconds per 100 square feet of area. Any infested stored products should be treated with an effective method intended for that purpose.

**TICKS:** Direct application towards pet beds and resting quarters. Treat cracks and crevices such as the edge of carpet and floor covers and under baseboards as well as high cracks and window frames where females may crawl to lay eggs. Apply for 10-15 seconds per 100 square feet of area.

**BED BUGS:** Take bed apart and treat cracks, joints, and frame. Apply to box springs and mattress tufts, folds, and seams. Also treat baseboards, floors, window coverings, wall hangings, furniture, and headboard. Apply for 10-15 seconds per 100 square feet of area.

**WASPS INSIDE STRUCTURAL VOIDS:** Locate all insect entrances and close all but one opening. Determine size of the void. Treat at a rate of 5 to 10 seconds per three cubic feet of void. For best results treat at dusk or later. Repeat every 3 days as needed.

**CRACKS, CREVICES AND CLOSED VOIDS:**  
Inject [Using the applicator attached, inject] PYROCIDE® Flusher™ 51922 into cracks and crevices or closed void areas where insects may be harboring, living or breeding. For cracks, crevices, holes and other small openings, inject approximately one-second of product. For closed voids calculate the void's cubic volume and treat at the rate of five to ten seconds per three cubic feet. For inaccessible voids drill small holes and inject product. Several holes may be required in long-running voids. Insects that are contacted will be driven from their harborage sites.

Spray PYROCIDE® Flusher™ 51992 for 1 to 3 seconds into each of the open void areas in, under, and/or around equipment, stored items, stoves, cabinets, cooking equipment, washers, dryers and refrigerators to kill and drive listed insects from these areas.

<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</p> <p>If empty: Place in trash or offer for recycling if available.</p> <p>If partly filled: Call your local solid waste agency for disposal instructions</p>
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