

1021-1199

3/26/2012

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Mr. Steve Ditto  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427-4372

MAR 26 2012

Subject: Label Notification(s) for Pesticide Registration Notice 98-10

Dear Mr. Ditto:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated March 19, 2012 for the following product(s):

**PYROCIDE® 25-5, MAC**

**Alternate Brand Name**

The Registration Division (RD) has conducted a review of this request for applicability under PR Notice 98-10 and finds that the label change(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

**PYROCIDE® Fogging Formula  
7067 for ULV Mosquito  
Adulticiding**


**Reg. No. 1021-1199**

If you have any questions, please contact Linda A. DeLuise at 703-305-5428.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard J. Gebken".

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

	United States Environmental Protection Agency Washington, DC 20460	Registration Amendment Other	OPP Identifier Number  X
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**Application for Pesticide - Section I**

1. Company/Product Number 1021-1199	2. EPA Product Manager Richard Gebken	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PYROCIDE® Fogging Formula 7067 for ULV Mosquito Adulticiding	PM# 10	
5. Name and Address of Applicant (Include Zip Code) McLaughlin Gormley King Company 8810 10TH AVE N MINNEAPOLIS, MN 55427  <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____ Product Name _____

NOTIFICATION

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**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification pursuant to PR-Notice 98-10 adding an alternate brand name to the subject product.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
*Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 8 OZ. - 55 GAL.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Other <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Steven K. Ditto	Title Regulatory Affairs Specialist	Telephone No. (Include Area Code) (763) 544-0341
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature  	3. Title Regulatory Affairs Specialist	
4. Typed Name Steven K. Ditto	5. Date 3/19/2012	

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March 19, 2012

Document Processing Desk (NOTIF)  
Mr. Richard Gebken, Project Manager 10  
U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs (H7504P)  
Room S-4900, One Potomac Yard  
2777 South Crystal Dr.  
Arlington, VA 22202-4501

Via Courier

Subject: PYROCIDE® Fogging Formula 7067 for ULV Mosquito Adulticiding  
EPA Reg. No. 1021-1199  
Notifications Per PR-Notice 98-10

Dear Mr. Gebken:

By Notification we are adding the alternate brand name PYROCIDE® 25-5, MAC to the subject product.

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

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

If there are any questions or you need anything further, please contact this office.

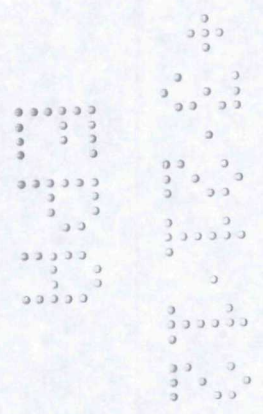
Sincerely,

McLAUGHLIN GORMLEY KING COMPANY

Steven K. Ditto  
Regulatory Affairs Specialist

Enclosure

8810 Tenth Avenue North  
Minneapolis, MN 55427  
TOLL FREE 800.645.6466  
TEL 763.544.0341  
FAX 763.544.6437  
WWW.MGK.COM



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# PYROCID<sup>®</sup> Fogging Formula 7067

## for ULV Mosquito Adulticiding

**(ALTERNATE BRAND NAME: PYROCID<sup>®</sup> 25-5, MACI)**

FOR USE ONLY BY FEDERAL, STATE, TRIBAL OR LOCAL GOVERNMENT OFFICIALS RESPONSIBLE FOR PUBLIC HEALTH OR VECTOR CONTROL OR BY PERSONS CERTIFIED IN THE APPROPRIATE CATEGORY OR OTHERWISE AUTHORIZED BY THE STATE OR TRIBAL LEAD PESTICIDE REGULATORY AGENCY TO PERFORM ADULT MOSQUITO CONTROL APPLICATIONS, OR BY PERSONS UNDER THEIR DIRECT SUPERVISION.

**ACTIVE INGREDIENTS:**

Pyrethrins.....	5.00%	PYROCID <sup>®</sup> - Registered trademark of McLaughlin Gormley King Company This product contains 0.365 lb/Gal (43.7 g/L) Pyrethrins and 1.824 lb./Gal (218 gm/L) Piperonyl Butoxide
* Piperonyl butoxide, Technical.....	25.00%	
** OTHER INGREDIENTS.....	70.00%	
	100.00%	

\* Equivalent to 20.00% (butylcarbityl) (6-propylpiperonyl) ether and 05.00% related compounds  
\*\* Contains petroleum distillate

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 induce vomiting unless told to do so by a poison control center or a doctor.</li> <li>Do not give <b>any</b> liquid to the person.</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 1-888-740-8712.

### NOTIFICATION

MAR 26 2012

Manufactured by

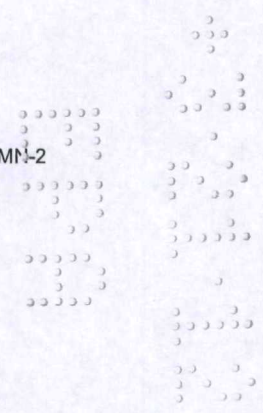


8810 Tenth Avenue North  
Minneapolis, MN 55427

EPA Reg. No. 1021-1199

EPA Est. No. 1021-MN-2

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



PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**

Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and aquatic invertebrates. Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish and aquatic invertebrates. Before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist. Do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries), except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body. Do not contaminate bodies of water when disposing of equipment rinsate or wash waters.

**BEE WARNING:** This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply to or allow drift onto blooming crops or weeds when bees are visiting the treatment area, except when applications are made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

PHYSICAL OR CHEMICAL HAZARDS

**Combustible.** 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. Before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist.

Avoid contamination of food or feedstuffs.

This concentrate is formulated to be diluted with a suitable oil diluent, such as but not restricted to light mineral oil, deodorized kerosene or petroleum distillate, for use in cold fog aerosol generators.

This concentrate may be diluted or used as supplied for mosquito control programs involving residential, industrial, recreational and agricultural areas where adult mosquitoes are present in annoying numbers in vegetation surrounding swamps, marshes, overgrown waste areas, roadsides and pastures.

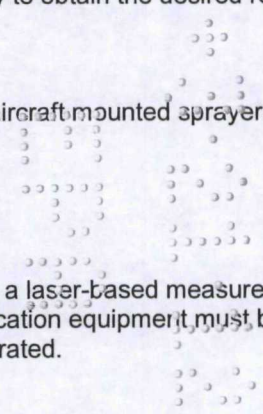
Use in agricultural areas should be in such a manner as to avoid residues in excess of established tolerances for pyrethrins and piperonyl butoxide on crops or commodities.

Best results are expected from application when the meteorological conditions favor an inversion of air temperatures in the area treated, and when the wind is not excessive. Repeated applications may be made as necessary to obtain the desired reduction in adult mosquitoes.

Backpack application may require a greater rate of dilution than the dilution used for vehicle or aircraft mounted sprayers in order to achieve the desired rate of application of active ingredients per acre.

**EQUIPMENT CALIBRATION PARAMETERS**  
**SPRAY PARTICLE SIZE AND DROPLET SPECTRA**

Directions from the equipment manufacture or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.



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If necessary, contact the distributor or manufacture of this product for undiluted spread factors or the manufacturer of diluting oils for a spread factor to use to determine droplet size with this product if applied undiluted or diluted.

**Ground Equipment:**

Specifically: Cold Aerosol ULV, Non-Thermal Spray, Mechanical Cold Aerosol, Turbine Spray, and Thermal Aerosol Fogging Equipment

Spray equipment must be adjusted so that the volume median diameter (VMD) is less than 30 microns (Dv 0.5 < 30um) and that 90% of the spray is contained in droplets smaller than 50 microns (Dv 0.9 <50 um).

**Aerial Equipment:**

Spray equipment must be adjusted so that the volume median diameter produced is less than 60 microns (Dv 0.5 < 60um) and that 90% of the spray is contained in droplets smaller than 80 microns (Dv 0.9 < 80).

The effects of flight speed and, for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered.

Fixed Wing: Apply using a nozzle height of no less than 100 feet above the ground or canopy. Rotary wing: Apply using a nozzle height of no less than 75 feet above the ground or canopy. Apply only when wind speed is greater than or equal to 1 mph.

PROHIBITION ON AERIAL USE: Not for aerial application in Florida unless specifically authorized by the Bureau of Entomology, Florida Department of Agriculture and Consumer Services.

Do not apply more than 0.2 lbs of pyrethrin per acre/year (226.75 g/Ha/year) and 2.0 lbs of piperonyl butoxide per acre/year (2,267.5 g/Ha/year), whichever is lower, in any treated area. More frequent treatments may be made to prevent or control a threat to public and /or animal health determined by a state, tribal, or local health or vector control agency on the basis of documented evidence of disease-causing agents in vector mosquitoes or the occurrence of mosquito -borne disease in animal or human populations, or if specifically approved by the state of tribe during a natural disaster recovery effort. . Do not exceed 25 applications at 0.008 pounds of pyrethrins per acre in any given season.

Apply PYROCIDE® Fogging Formula 7067 [PYROCIDE® 25-5, MAC] diluted or undiluted at rates between 0.0018 pounds pyrethrins and no more than 0.008 pounds pyrethrins per acre in any given 24 hour period unless otherwise noted .

**STORAGE AND DISPOSAL**

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

PESTICIDE STORAGE: Store in a cool, dry place. Keep container closed. Post as a pesticide storage area. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulations on lower shelves and dry formulations above.

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

CONTAINER HANDLING [For Containers of 5 Gallons or Less]: 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. 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.

CONTAINER HANDLING [For Containers Greater Than 5 Gallons]: Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into 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.