

1021-1770

06-11-2010

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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

JUN 11 2010

Mr. Thomas A. Lennan  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427

Subject: Label Notification(s) for Pesticide Registration 2007-4

Dear Mr. Lennan:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated for April 23, 2010 for:

**Alternate Brand Name                      EVERGREEN® Mosquito Adulticide EC 60-6**

The Registration Division (RD) has conducted a review of this request for applicability Under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.


**EPA Registration Number 1021-1770      EVERGREEN® Crop Protection EC 60-6**

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 (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact Melody Banks on 703 305-5413.

Sincerely,

Richard Gebken  
Product Manager 11  
Insecticide Branch  
Registration Division (7504P)

	United States Environmental Protection Agency Washington, DC 20460	Registration Amendment Other	OPP Identifier Number
	X		

**Application for Pesticide - Section I**

1. Company/Product Number 1021-1770	2. EPA Product Manager Richard Gebken	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) EVERGREEN ® Crop Protection EC 60-6	PM# 10	
5. Name and Address of Applicant (Include Zip Code) McLAUGHLIN GORMLEY KING COMPANY 8810 TENTH AVENUE NORTH MINNEAPOLIS, MN 55427		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 _____
<input type="checkbox"/> Check if this is a new address		

**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.

**NOTIFICATION**  
JUN 11 2010

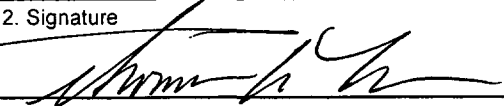
**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification pursuant to PR-Notice 98-10, adding Alternate Brand Name and Bullet Points.

**Section - III**

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If "Yes" Unit Packaging wgt. 6X1 Quart    1X5Gallon 4X1Gallon    1X30 Gallon	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If "Yes" Package wgt.    No. per container 55 Gallon 30 Gallon TOTE	2. Type of Container <input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
3. Location of Net Contents information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		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 type="checkbox"/> Lithograph <input type="checkbox"/> Other <input checked="" 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 Thomas A. Lennan	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 Thomas A. Lennan	5. Date 4/23/2010	



McLAUGHLIN GORMLEY KING COMPANY

8810 Tenth Avenue North • Minneapolis, MN 55427-4319 U.S.A.  
763-544-0341 • 800-645-6466 • Fax 763-544-6437 • www.mgk.com

April 23, 2010

Document Processing Desk (NOTIF)  
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: EVERGREEN® Crop Protection EC 60-6  
EPA Reg. No. 1021-1770  
Notification Per PR-Notice 98-10—Alternate Brand Name and Bullet  
Points.

Dear Sir or Madam:

By Notification we are adding adding the alternate brand EVERGREEN® Mosquito  
Adulticide EC 60-6 to this label, which is a subset of our Master label. Additionally, we  
adding several bullet points to the front panel consisting of phrases that already exist on  
other portions of the label.

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

Notification of label change per PR Notice 98-10. This notification is consistent with the  
guidance in PR Notice 98-10 and the requirements of EPA's regulations at 40 CFR  
152.46. No other changes have been made to the labeling or the Confidential Statement  
of Formula for 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 the notification is  
not consistent with the requirements 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.

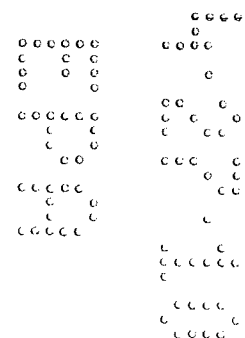
If there are any questions or you need anything further, please contact this office.

Sincerely,

McLAUGHLIN GORMLEY KING COMPANY

Thomas A. Lennan  
Regulatory Affairs Specialist

Enclosure



MAY 7 2010

Quality Products Since 1902

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7448\_1021-1770\_M-0410

# MGK<sup>®</sup>

McLAUGHLIN  
GORMLEY  
KING COMPANY

NOTIFICATION

JUN 11 2010

EVERGREEN<sup>®</sup> Mosquito Adulticide EC 60-6

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

- AREA-WIDE ADULT MOSQUITO CONTROL
- AERIAL APPLICATION FIXED WING AND HELICOPTER
- TRUCK-MOUNTED ULV APPLICATION
- GROUND APPLICATION

**ACTIVE INGREDIENTS:**

Pyrethrins .....	6.00%
* Piperonyl butoxide, Technical .....	60.00%
OTHER INGREDIENTS .....	34.00%
	<u>100.00%</u>

\* Equivalent to 48.00% (butylcarbityl) (6-propylpiperonyl) ether and 12.00% related compounds

EVERGREEN<sup>®</sup> - Registered trademark of McLaughlin Gormley King Company  
Contains 8.46 lbs/gal (Contains 0.51 lbs/gal of Pyrethrin, 5.1 lbs/gal of Piperonyl Butoxide)

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or 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>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-888-740-8712.	

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

Manufactured by:

Mc LAUGHLIN GORMLEY KING COMPANY

8810 Tenth Avenue North

Minneapolis, MN 55427

EPA Reg. No. 1021-1770

EPA Est. No. 1021-MN-2

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

## CAUTION

Harmful if swallowed. Avoid contact with skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks, shoes and chemical-resistant gloves (such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber or Viton, Selection Category E). Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE) [Professional]**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers who may be exposed to the dilute and/or concentrate through application or other tasks must wear:

- Long-sleeved shirt and long pants;
- Chemical-resistant gloves such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton;
- Shoes plus socks; and
- Protective eyewear.

See engineering controls for additional requirements.

**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

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heavily contaminated with the product's concentrate. Do not reuse them.

### ENGINEERING CONTROLS

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(6)].

Human flagging is prohibited. Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers.

#### User Safety Recommendations:

##### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms, including fish and invertebrates. Run-off from treated areas or deposition of spray droplets into a body of water may be hazardous to fish and aquatic invertebrates.

When applying as a wide-area mosquito adulticide, 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.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply 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 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.

When applying as a wide area mosquito adulticide, 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.

### 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.

See separate directions and precautions for mosquito control applications.

### GENERAL PRECAUTIONS & USE RESTRICTIONS

- Apply this product only as specified on this label.
- Do not contaminate food or feedstuffs.

Prior to tank mixing, a compatibility test should be conducted using the proper proportions of chemicals and water to ensure the physical compatibility of the mixture.

Tank mix applications must be made in accordance with the more restrictive of label limitations and precautions. No label application rates may be exceeded. This product cannot be mixed with any product with label prohibitions against such mixing.

#### WIDE-AREA ADULT MOSQUITO CONTROL APPLICATION:

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.

#### HOW TO APPLY:

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.

EVERGREEN® Mosquito Adulticide EC 60-6 may be used for mosquito control programs involving residential, industrial, recreational and agricultural areas as well as swamps, marshes, overgrown waste areas, roadsides and pastures where adult mosquitoes occur. EVERGREEN® Mosquito Adulticide EC 60-6 may be used over agricultural crops. For best results, apply when meteorological conditions create a temperature inversion and wind speed does not exceed 5 miles per hour. The application should be made so the wind will carry the insecticidal fog into the area being treated. Do not apply more than 0.2 lbs pyrethrin per acre/year (226.75g/Ha/year) and 2 lbs piperonyl butoxide per acre/year (2267.5 g/Ha/year) 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 or tribe during a natural disaster recovery effort.

#### SPRAY DROPLET SIZE DETERMINATION:

Contact manufacturer of this product for spread factor of various diluting oils with this product.

Ground-Based Equipment: Spray equipment must be adjusted so that the volume median diameter (VMD) is 5 to 30 microns ( $5 \mu\text{m} \leq \text{Dv} 0.5 \leq 30 \mu\text{m}$ ) and that 90% of the spray is contained in droplets smaller than 40 microns ( $\text{Dv} 0.9 \leq 40 \mu\text{m}$ ). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement

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instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

When used in cold aerosol generators that produce a fog with the majority of droplets in the 5 – 30 micron range, should EVERGREEN® Mosquito Adulticide EC 60-6be diluted with light mineral oil (specific gravity of approximately 0.8 at 60F (15.5 °C) ; boiling point: 500 – 840F (260 – 448.8 °C) ). An N.F. grade oil is preferred.

**Aerial Application:** Spray equipment must be adjusted so that the volume mean diameter produced is less than 60 (Dv 0.5 < 60 µm) and that 90% of the spray is contained in droplets smaller than 100 microns (Dv 0.9 < 100 µm). The effects of flight speed and, for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and 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. Apply using a nozzle height of no less than 100 feet (30.5 m) above ground or canopy in a fixed wing aircraft or a height of no less than 75 feet (22.9m) above the ground or canopy for a rotary wing aircraft.

**GROUND APPLICATION:** To control adult mosquitoes and biting flies, apply up to 0.0025 pounds of pyrethrins and up to 0.025 pounds of piperonyl butoxide per acre (27.5 g of pyrethroids/Ha and up to 27.5 g of piperonyl butoxide/Ha) (use a 300 foot swath width for acreage calculations).

**TRUCK-MOUNTED ULV APPLICATION:** Dilute 5 parts of EVERGREEN® Mosquito Adulticide EC 60-6 with 1 part of oil and apply at the rate of 2 to 2.25 fluid ounces (59 ml to 66.5 ml) per minute while the machine is traveling 5 miles per hour (8 Km/hour) . The nozzle should be positioned approximately 30 degrees above the horizontal off the side of the truck bed. The delivery rate and truck speed may be varied as long as the application rate is 0.002 to 0.0025 pounds of pyrethrins (2.25 g to 2.83 g/Ha) and up to 0.025 pounds of piperonyl butoxide per acre (28.3 g/Ha) (use a 300 foot swath width for acreage calculations).

**BACKPACK SPRAYER APPLICATION:** Apply 0.002 to 0.0025 pounds (2.25 g to 2.83 g/Ha) and 0.025 pounds of piperonyl butoxide of pyrethrins (28.3 g/Ha) per acre. Dilute 1 part EVERGREEN® Mosquito Adulticide EC 60-6with 12 parts of oil and apply at the rate of 7 ounces per acre (495g/Ha) (based on a 50 foot swath, 7 ounces (198 g) should be applied while walking 870 feet (265 m) ).

**AERIAL APPLICATION (FIXED WING AND HELICOPTER):** To control adult mosquitoes and biting flies, apply up to 0.0025 pounds of pyrethrins (2.83 g/Ha) and up to 0.025 pounds of piperonyl butoxide per acre (28.3 g/Ha) with equipment designed and operated to produce a ULV spray application.

**CONTAINER HANDLING:**

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill.

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 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.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or 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:**

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.)

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