

1021-1841

2/29/2012

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 29, 2012

Mr. Thomas A. Lennan  
Regulatory Affairs Specialist  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427-4319

**Subject: Acceptance of Amended Reregistration Label**  
**Product Name: MGK® Permethrin 7.4% Synergized**  
**EPA Registration Number: 1021-1841**  
**EPA Decision Number(s): D410929 & D413896**  
**Your E-Resubmissions Dated February 24, 2012 & February 29, 2012**

Dear Mr. Lennan:

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 referenced product in connection with the **REDs for Permethrin and Piperonyl Butoxide**, and has concluded that your submission is acceptable.

Please note that the record for this product currently contains the CSFs listed below. Any previously dated CSFs are superseded.

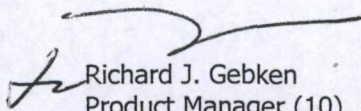
- Basic CSF, dated December 8, 2011
- Alternate CSF, dated December 8, 2011

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

A copy of your label stamped "Accepted" is enclosed for your records. 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 section 6(e) of FIFRA.

If you have any questions about this letter, please contact Mr. Carmen J. Rodia, Jr. at (703) 306-0327 or via e-mail at [Rodia.Carmen@epa.gov](mailto:Rodia.Carmen@epa.gov) or Mr. Richard J. Gebken at (703) 305-6701 or via e-mail at [Gebken.Richard@epa.gov](mailto:Gebken.Richard@epa.gov) during the hours of 9:00 A.M. to 5:30 P.M. EST.

Sincerely Yours,

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

Enclosure: Label stamped "Accepted"  
001021-0841 D410929 & D413896

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McLAUGHLIN  
GORMLEY  
KING COMPANY

Permethrin 7.4% Synergized

8810 Tenth Avenue N. / Minneapolis, Minnesota 55427-4372 U.S.A. - Telephone (763) 544-0341

Controls lice and flies on beef cattle, lactating and non-lactating dairy cattle and calves when applied as a pour-on, mist spray or back rubber.

Controls keds on sheep and lambs when applied as a pour-on. Controls flies on horses when applied as a wipe-on, pour-on or ready to use spray.

ACTIVE INGREDIENTS:

*	Permethrin.....	7.40%
**	Piperonyl Butoxide.....	7.40%
***	OTHER INGREDIENTS .....	85.20%
		<u>100.00%</u>
*	(3-Phenoxyphenyl) methyl (+ or -) cis-trans-3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate). Cis-trans isomers ratio: Min. 45% (+ or -) cis and Max. 55% (+ or -) trans	
**	(butylcarbityl)(6-propylpiperonyl) ether and related compounds	
***	Contains petroleum distillates	

**ACCEPTED**  
*February 29, 2012*  
**Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under:**

EPA. Reg. No: 1021-1841

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**

FIRST AID

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>
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NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia hazard.  
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 Contents \_\_\_\_\_  
Manufactured by:  
Mc LAUGHLIN GORMLEY KING COMPANY  
8810 Tenth Avenue North  
Minneapolis, MN 55427  
EPA Reg. No. 1021-1841      EPA Est. No. 1021-MN-2

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**

Contains Petroleum Distillate. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash hand thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

- Mixers, loaders, applicators(except for hand-held foggers or fog/mist generator use in indoor spaces), and other handlers must wear the following:
- Long-sleeve shirt
  - Long pants
  - Shoes and socks;
  - Chemical-resistant gloves for all handlers except for applicators made of barrier laminate, nitrile rubber, neoprene rubber, or viton.
  - Chemical-resistant apron for mixers/loaders, persons cleaning equipment, and persons exposed to the concentrate and for handlers performing animal dip applications.
- In addition to the above PPE, applicators using hand held foggers or fog/mist generators in indoor spaces must wear:
- Coveralls over long-sleeve shirt and long pants,
  - Chemical-resistant gloves,
  - Chemical-resistant footwear plus socks,
  - Chemical-resistant headgear, if overhead exposure, and,
  - A half-face, full-face, or hood-style NIOSH-approved respirator with
  - A dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C, or
  - A canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or
  - A cartridge or canister with any N, R, P or HE filter.

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 materials that have been drenched (except as required by directions for use) or heavily contaminated with this product concentrate. Do not reuse them.

**USER SAFETY RECOMMENDATIONS:**

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.  
Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.  
Users should 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 extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

Under some conditions, it may also have a potential for transport into surface water in runoff (primarily adsorbed to suspended soil particles), for several months or more after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently, flooded areas, and areas overlying extremely shallow groundwater, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas overlying tile drainage system that drain to surface waters. To protect the environment, do not allow pesticide to enter or run-off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This pesticide 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.
- Do not use in aircraft cabins.
- This product is not for use in residential misting systems (indoor or outdoor).
- This product is not for use in metered release misting systems.
- Do not make applications with a sponge.
- Do not water treated area to the point of run-off.
- Do not use this product directly on domestic (companion) animals (dogs, cats, puppies, or kittens).
- 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.
- Except when applying to livestock, only protected handlers may be in the area during application.
- Do not use in food/feed areas of food handling establishments, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where food is served, such as dining rooms, but excluding areas where foods may be prepared or held.
- 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.
- 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.
- All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses: (1) Treatment of soil or vegetation around structures; (2) Applications to lawns, turf, and other vegetation; and (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 window, doors, and eaves) are limited to spot and crack-and-crevice applications, only.
- Application of this product is prohibited directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow this product to enter any drain during or after application.
- Remove pets birds, and cover fish aquariums and ornamental fish ponds before spraying, and turn aquarium systems off prior to use.

IMPORTANT: This is a highly concentrated formulation. Use only with an accurate measuring container or applicator.

READY TO USE - No dilution necessary except for back rubber devices.

APPLY TO:	TARGET INSECTS:	APPLICATION INSTRUCTIONS:
Lactating and Non-lactating Dairy Cattle, Beef Cattle and Calves	Lice, Horn Flies, Face Flies. Aids in control of Horse Flies, Stable Flies, House Flies, Mosquitoes, Black Flies and Ticks. Controls Horn Flies up to 6 weeks after application.	<b>Dosage:</b> Apply 2 mL per 100 lbs body weight of animal, up to a maximum of 20 mL for any one animal spray. <b>Pour-On:</b> Pour correct dose along back and down the face. <b>Ready-To-Use Spray:</b> Use undiluted in a mist sprayer to apply correct dose. Apply directly to neck, face, back, legs and ears. <b>Back Rubber Use:</b> Mix 64 mL (2.1 oz.) per gallon of mineral oil. Keep rubbing device charged. Results improved by daily forced use.
Sheep and Lambs	Sheep Keds and Lice	<b>Pour On:</b> Pour along back. Apply one mL per 50 lb. body weight of animal, up to a maximum of 12 mL for any one animal. For optimum control, all animals in the flock should be treated after shearing.
Horses and Foals	Stable Flies, Horn Flies, Face Flies, House Flies, Eye Gnats and Ticks. Aids in control of Horse Flies, Mosquitoes and Black Flies.	<b>Wipe On:</b> Apply 8 mL to 16 mL as a wipe on. Dampen and applicator mitt, cloth or toweling (Turkish) with Permethrin 7.4% Synergized. Rub over hair with special attention to the legs, shoulders, neck and facial areas where flies tend to congregate. Be especially careful not to get in horses eyes. Repeat treatment as needed. <b>Ready-To-Use Spray:</b> Use Permethrin 7.4% Synergized after riding or exercise. Use undiluted in a mist sprayer, applying 8 mL to 16 mL per animal. Apply directly onto attached ticks. Repeat as needed.
Horses	Stable Flies, Horn Flies, Face Flies, House Flies, Eye Gnats and Ticks. Aids in control of Horse Flies, Mosquitoes and Black Flies.	<b>Pour On:</b> After riding or exercise, pour 8 mL to 16 mL of Permethrin Synergized along the back and down the face of <b>MATURE</b> horses, being careful to avoid the eyes. Do not use this method of application on foals. Repeat treatment as needed.

APPLY TO:	TARGET INSECTS:	APPLICATION INSTRUCTIONS:
Premises - In and around Horse, Beef, Dairy, Swine, Sheep & Poultry Premises, Animal Hospital Pens & Kennels and "outside" Meat Processing Premises	House Flies, Stable Flies, Face Flies, Gnats, Mosquitoes, Black Flies, Fleas, Little House Flies (Fannia spp.).  Aids in control of Cockroaches, Ants, Spiders and Crickets.	<b>Ready-To-Use Spot or Premise Spray:</b> Use undiluted in a mist sprayer. Apply directly to surface to leave a residual insecticidal coating, paying particular attention to areas where insects crawl or alight.  500 mL will treat approximately 7,200 square feet.

For cattle and sheep repeat treatment as needed, but not more than once every two weeks. For optimum lice control, two treatments at a 14-day interval are recommended.

Permethrin 7.4% Synergized is not effective in controlling cattle grubs.

Permethrin 7.4% Synergized is an oil-base, ready-to-use product that may leave an oily appearance on the hair coat of some animals.

Permethrin 7.4% Synergized should be used in an integrated pest management system which may involve repeat treatments and the use of other pest control practices.

## STORAGE AND DISPOSAL

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

### **Pesticide Storage**

Store in a cool, dry (preferably locked) place in an area that is inaccessible to children and animals." 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 Disposal**

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 diluent 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 for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.