

1021-2609

9/26/2013

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7504P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460-0001

EPA Reg. Number:

1021-2609

Date of Issuance:

SEP 26 2013

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

MGK® Formula 2980

Name and Address of Registrant (include ZIP Code):

McLaughlin Gormley King Company
8810 Tenth Avenue North
Minneapolis, MN 55427-4319

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with section 3(c)(5) of FIFRA provided that you:

- 1. Submit and/or cite all data required for registration of your product under section 3(c)(5) of FIFRA when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under section 4 of FIFRA.

(continued on page 2)

Signature of Approving Official:

See page #2.

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

Date:

SEP 26 2013

2. Make the following change(s) to the label:

- a. Change the product registration number to "EPA Reg. No. 1021-2609"
- b. Make the following label revision(s):

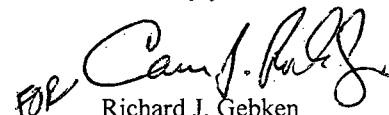
Conditional Data Requirements:

- 1. Within one (1) year from the date of this registration, MGK Company must submit a One Year Storage Stability (830.6317) study and a Corrosion Characteristics (830.6320) study on this product in support of this registration. MGK Company must conduct these studies in commercial containers, and it is recommended that the observations be made at 0, 6, 9, and 12 month intervals.

3. You must submit two (2) copies of the revised final printed labeling, incorporating the above changes, before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of FIFRA. Your release for shipment of the product bearing amended labeling constitutes accepting of these conditions.

A copy of your label stamped "Accepted with Comments" is enclosed for your records along with hard copies of the acute toxicity, efficacy, and product chemistry reviews completed for this product. If you have any questions about this label review, 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).

Sincerely yours,



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

Enclosures: *Label Stamped "Accepted with Comments," September 26, 2013*  
*Acute Toxicity Review, dated July 9, 2013*  
*Efficacy Review, dated September 25, 2013*  
*Product Chemistry Review, dated June 26, 2013*

001021-02609 D475089

# MGK® Formula 2980

**ACTIVE INGREDIENTS:**

Pyrethrins.....	2.75%
*Piperonyl Butoxide.....	27.50%
**Permethrin.....	6.25%
<b>OTHER INGREDIENTS:</b> .....	<b>63.50%</b>
<b>TOTAL:</b> .....	<b>100.00%</b>

\*(butylcarbityl)(6-propylpiperonyl) ether and related compounds  
 \*\*cis/trans ratio: Max. 65% (+/-) trans and min. 35% (+/-) cis

**KEEP OUT OF REACH OF CHILDREN  
 CAUTION PRECAUCIÓN**

**PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente. (If you do not understand the label, find someone to explain it to you in detail)**

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 the 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>
<p>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), call 1-888-740-8712.</p>	

Net Contents: 64 fluid oz.  
 Manufactured by



8810 Tenth Avenue North  
 Minneapolis, MN 55427

EPA Reg. No. 1021-EANO

EPA Est. No. 1021-MN-2

**ACCEPTED**  
**With COMMENTS**  
 In EPA Letter Dated:  
*September 26, 2013*  
**Under the Federal Insecticide, Fungicide**  
**and Rodenticide Act, As amended, for the**  
**pesticide Registered under EPA Reg. No:**  
*1021-2609*

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**

Harmful if swallowed. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators, and other handlers must wear the following:

- long-sleeve shirt,
- long pants,
- shoes and socks.
- chemical resistant gloves.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning /maintaining PPE. If no such instructions for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's 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 product is extremely toxic to aquatic organisms, including fish and invertebrates. 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 product may contaminate water through run-off, and has the potential for run-off for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce run-off that contains this product. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate. Do not contaminate bodies of water when disposing of equipment rinsate or washwaters.

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

**To Kill the following Insects:**

Mosquitoes	Stable Flies	Phorid Flies
Gnats	Horn Flies	Crane Flies
Non-biting Midges	Face Flies	Spiders (excluding Black Widow and Brown Recluse)
House Flies	Fruit Flies	

**[General Claims:]**

Designed for Misting Professionals  
 For use in Automatic Spraying Systems  
 Specially designed for misting systems  
 Labeled for use in Automatic Misting Systems  
 Engineered for use in Misting Systems  
 For use in and around Horse Barns  
 For use in and around Zoo Animal Quarters  
 For use in and around Dog Kennels  
 Easy to use  
 Labeled for use in hand-held applicators  
 Ideal for use before outdoor events  
 Aids in reducing annoyance from Mosquitoes and other flying insects

Quick Knockdown and Effective Kill of Mosquitoes  
 Knockdown and Kill of insects  
 Provides Quick Knockdown and Kill of Mosquitoes  
 Fast Acting against mosquitoes.  
 Quick Knockdown of Mosquitoes.

Stable in solution  
 Formulated for stability in misting systems  
 Will not harm most common ornamental plants  
 Remains stable in solution  
 No agitation needed after mixing

**[Kill Claims:]**

Kills Mosquitoes  
 Kills Stable Flies  
 Kills midges and gnats  
 Quick Kill of Mosquitoes  
 Effectively kills: House flies, Stable flies,  
 Fruit flies, Black flies, Horn flies, Mosquitoes, Gnats,  
 Non-biting Midges, Face flies  
 Provides Knockdown and Kill of listed insects  
 Ideal for hard to kill Flies such as Stable flies, Black flies, Horn flies and Face Flies  
 Kills Mosquitoes, Gnats and Flies

**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.

Entry Restrictions:

- For surface spray use, do not enter or allow others to enter until sprays have dried.
- For space spray use, except when applying the product with an outdoor residential misting system, do not enter or allow others to enter until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated.

Application Restrictions:

- Do not apply using a high pressure hand-wand, hand held fogger or fog/mist generator in indoor spaces.
- Do not apply when food, feed, and/or water is present.

- Do not apply this product in barns or stables where animals intended for slaughter or human consumption will be maintained.
- This product is not for use as a wide-area mosquito adulticide.
- Except when applying the product with an outdoor residential misting system, 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.
- When applying as a space spray indoors, do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors and/or mists have dispersed.
- 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.
- When using outdoors, do not make applications during rain.
- Do not wet plants to the point of runoff or drip.
- 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 water the treated area to the point of run-off.
- Not for broadcast use on indoor residential surfaces.
- Not for use in metered release systems.
- Application is prohibited 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 product to enter any drain during or after application.
- Remove pets, birds, and cover fish aquariums before spraying.

For Residential outdoor surface and space sprays:

All outdoor applications, if permitted elsewhere on this label must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses, if allowed elsewhere on this label:

1. Applications to soil or vegetation, as listed on this label.
2. Applications to lawns, turf, and other vegetation, as listed on this label.
3. Applications to the side of a building, up to a maximum height of 3 feet above grade;
4. Application to underside of eaves, soffits, doors, or window permanently protected from rainfall by a covering, overhand, awning, or other structure;
5. Applications around potential pest entry points into buildings, when limited to a surface band not to exceed one inch in width;
6. Applications made through the use of a coarse, low pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in runoff into storm drains, drainage ditches, gutters, or surface waters in order to control occasional invaders or aggregating pests as listed on this label.

**Dilution/Use Rate ([Indoor Space] [and] [or] [Outdoor Sprays]):**

Dilute before using. Add 1 part to 100 parts of clean water or 1.3 fluid ounces of product per gallon of water. Mix thoroughly prior to application.

**INDOOR SPACE SPRAYS:**

**Where to Use:** Use as an indoor space spray in horse barns, dog kennels and zoo animal quarters to kill and repel listed insects.

**DIRECTIONS FOR USE IN COMMERCIAL ANIMAL PREMISE AUTOMATIC MISTING SYSTEMS:**

Apply as a space spray using an automatic spray system. Refer to the system user manual for specific instructions. Adjust spray nozzles to deliver a fine mist or fog to entire treatment area.

When using this product, installers and service technicians must comply with the license, certification or registration requirements of the state(s), tribe(s) or local authority(ies) where they are installed.

When applying via a remote activation device, do not apply when people and pets are present. If possible, when applying via automatic timer, set the timing for application when people and pets are unlikely to be present.

Direct nozzles to spray towards the target area and away from areas where people are typically present.

Do not use in an evaporative cooling system.

Do not use in misters located within 3 feet of air vents, air conditioner units or windows.

If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows: this container holds \_\_\_\_\_parts (product name) to \_\_\_\_\_parts water.

If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve.

This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 0.000476 lbs Pyrethrins, 0.008 lbs Piperonyl Butoxide per 1000 cubic feet per day and 0.00036 lbs of Permethrin per 1000 cubic feet per day. This is equivalent to 8 fluid ounces of diluted product per 1000 cubic feet per day.

**OUTDOOR SPRAYS:**

**Where to Use:** Use as an outdoor area spray for temporary reduction of listed insects on and around homes, patios, tennis courts, pool areas, beach houses and lawn areas.

**Directions For Use With Handheld Sprayers:**

When used in handheld sprayers, add 1.3 fluid oz of product per gallon of water. Apply at the rate of 1 gallon of diluted product per 1,000 square feet of area. Use only equipment that produces coarse, non-ULV sprays for residual treatment of vegetation or other surfaces.

**Directions For Use in Outdoor Residential Misting Systems:**

**NOTE: Not registered for use in Residential Automatic Mosquito Misting Systems in the State of New York.**

Apply as an area spray using an automatic spray system. Adjust nozzles to deliver a fine mist to the entire treatment area.

When using this product, installers and service technicians must comply with the license, certification, or registration requirements of the state(s), tribe(s), or local authority(ies) where they are installed.

If the system works on an automatic timer, set the timing for application when people, pets and food are unlikely to be present.

If the system works when a person operates a remote activation device, then application of this pesticide when people, pets and food are present is prohibited.

Do not use in an evaporative cooling system.

Direct nozzles to spray towards the target area and away from swimming pools, water bodies or eating and cooking areas.

Do not set nozzles to direct mist near outside air conditioning systems or other home air intakes.

If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows: this container holds \_\_\_\_parts (product name) to \_\_\_\_ parts water.

If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve.

Contact the system manufacturer for guidance or assistance to ensure compliance with the following requirement:

This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 0.00011 lbs Pyrethrins, 0.00058 lbs Piperonyl Butoxide and 0.00055 lbs. of Permethrin per 1000 cubic feet per day. This represents 3.6 fluid ounces of diluted product per 1000 cubic feet per day.

**OUTDOOR RESIDENTIAL MISTING SYSTEM DILUTION TABLE.**

When filling the tank, partially fill the system reservoir tank with water, add concentrate to tank then add water to obtain desired dilution.

System Tank size (in gallons)	Fluid ounces of concentrate for system tank sizes mixed with water will achieve the following percent concentrations of 0.025% pyrethrin 0.250% piperonyl butoxide 0.057% permethrin
55	64 fl. oz.
125	146 fl. oz.
250	292 fl. oz.



## STORAGE AND DISPOSAL

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

### PESTICIDE STORAGE:

Keep this product in its tightly closed original container, when not in use. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.

### 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 AND DISPOSAL:

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

Triple Rinse as follows [for containers of 5 Gallons (18.9 L) or less]: 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 or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Triple Rinse as follows [For containers greater than 5 Gallons (18.9L):

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.