

1021-2573

1/15/2013

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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:

1021-2573

Date of Issuance:

JAN 15 2013

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

MGK® 2965

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:

Refer to Page #2.

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

Date:

JAN 15 2013

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

- a. Change the product registration number to "EPA Reg. No. 1021-2573"
- b. Make the following label revisions:

General Comment(s):

- 1. Delete all text throughout the proposed label marked with "~~strikethrough~~."

Optional Marketing Statements section comment(s):

- 2. The 7<sup>th</sup>, 43<sup>rd</sup>, and 49<sup>th</sup> optional marketing statements incorporate the word "New," and this is permitted for a period not to exceed six (6) months from the original date of registration for the subject product. For more detail regarding the basis for this label review comment, please refer to Chapter 12, Section VII.7 of the Agency's Label Review Manual. As such, all instances of the word "New" must be deleted from this label by no later than July 15, 2013.

Directions for Use, BUFFER ZONE subsection comment(s), top left-hand side of page 3 of 4:

- 3. Within the "BUFFER ZONE FOR GROUND APPLICATIONSL:" subsection heading, you must revise the word "APPLICATIONSL" to read "APPLICATIONS."

- 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.

Copies of your label stamped "Accepted with Comments" as well as the acute toxicology, product chemistry & efficacy reviews, and the HED and EFED memorandums completed for this product are enclosed for your records. If you have any questions, 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," dated January 15, 2013*
  - Acute Toxicity Review, dated March 29, 2012*
  - EFED Memo for d-Phenothrin, dated November 21, 2012*
  - EFED Memo for Piperonyl Butoxide, dated August 29, 2012*
  - Efficacy Review, dated June 14, 2012*
  - HED ORE Memo for d-Phenothrin, dated December 12, 2012*
  - HED ORE Memo for Piperonyl Butoxide, dated December 12, 2012*
  - Product Chemistry Review, dated March 26, 2012*

001021-02573 D450428

# MGK® 2965

[ ] denotes alternate language

Kills Yellow Fever Mosquitoes (*Aedes aegypti*) and other nuisance insects as listed.

~~Fast knockdown and kill of insects~~  
~~Water based formulation will not harm landscape plants~~  
~~Works on hard to kill insects~~

Polymeric Surfactant System - a unique formulation that allows convenient and stable dilution with water

Stable in solution

New generation of misting technology effective at a low rate

~~Kills tough insects~~  
~~Synergized Formula for Effective Control~~  
~~Quick Kill~~

~~Designed for Misting Professionals~~  
~~Advanced misting technology~~

For use in Automatic Spraying Systems

For use in and around Horse Barns

Won't stain water-safe fabrics

Kills Stable Flies

Next generation of misting technology

Quick knockdown and kill

~~Provides knockdown and kill~~

~~Residual control of Stable Flies~~

Kills through contact

Specially designed for Misting Systems

Easy to use

Kills Yellow Fever Mosquitoes (*Aedes aegypti*)

~~Residual control of Mosquitoes (*Aedes aegypti*)~~

~~Will not harm most common ornamental plants~~

Fast Acting

Kills Mosquitoes (*Aedes aegypti*)

**ACCEPTED**  
**With COMMENTS**  
**In EPA Letter Dated:**  
**January 15, 2013**  
**Under the Federal Insecticide, Fungicide**  
**and Rodenticide Act, As amended, for the**  
**pesticide Registered under EPA Reg. No.:**

**1021-2573**

**ACTIVE INGREDIENTS:**

Sumithrin®: 3-Phenoxybenzyl-(1RS, 3RS, 1RS, 3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl) Cyclopropanecarboxylate .....	10.00%
* Piperonyl Butoxide .....	10.00%
OTHER INGREDIENTS .....	80.00%
	100.00%

\* (butylcarbityl) (6-propylpiperonyl) ether and related compounds  
 Contains 0.74 pounds of SUMITHRIN®/Gallon and 0.74 pounds Piperonyl Butoxide/Gallon.

MULTICIDE® is a Registered trademark of McLaughlin Gormley King Company  
 Sumithrin™ is a Trademark of Sumitomo Company Ltd.

**CAUTION**

**KEEP OUT OF REACH OF CHILDREN**

~~Fast knockdown~~  
~~Provides residual control~~  
~~Residual insecticide~~

Engineered for use in Misting Equipment

Effective results using less active ingredient

~~Residual Activity~~

Aids in reducing annoyance from Mosquitoes (*Aedes aegypti*) and other flying insects

Water-based Formulation

~~Use on lawns, ornamental gardens and trees~~

~~Less likely to develop resistance than un-synergized products~~

~~Ideal for use before outdoor events~~

~~Uses less active ingredient than other brands~~

~~Less packaging to dispose~~

~~Ideal for the misting professional~~

New advanced misting technology

Easy to handle

~~Ideal for use before outdoor activities~~

Cost effective results

Kills annoying outdoor pests as listed.

Easy to mix

New active ingredient for misting

~~Alternative active ingredient~~

Residual Activity for 3 days

3-Day Residual Activity

Kills Mosquitoes (*Aedes aegypti*) and Stable Flies for up to 3 days.

Kills Mosquitoes (*Aedes aegypti*) for up to 3 -days

Kills Stable Flies for up to 3 days.

**PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente**

See Side/Back Panel for First Aid and other Precautionary Statements.

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

**FIRST AID**

- IF IN EYES:**
- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
  - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
  - Call a poison control center or doctor for treatment advice.

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.

Manufactured by



8810 Tenth Avenue North  
Minneapolis, MN 55427

EPA Reg. No. 1021-ELTG

EPA Est. No. 1021-MN-2

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

**CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

**PERSONAL PROTECTIVE EQUIPMENT**

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

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

**USER SAFETY REQUIREMENTS**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this 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. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is highly toxic to fish and aquatic 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. 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 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.

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.

DIRECTIONS FOR USE

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

#### **BUFFER ZONE FOR GROUND APPLICATIONS:**

Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries and commercial fish ponds.)

**SHAKEOR AGITATE THOROUGHLY BEFORE DILUTING.** 2965 cannot be mixed with oil. Use only clean water.

MGK 2965 is designed for use on and around landscape plants. Since environmental conditions vary greatly, it is recommended that the final water dilution be tested on a small area of landscape plants to ensure there is no plant damage from repeated applications. Manufacturer assumes no responsibility for the health of plants treated with this product.

#### **Insects Killed:**

Use to kill or temporarily reduce annoyance from accessible stages of: Mosquitoes (*Aedes aegypti*), Stable Flies, Fire Brats, , Ants(excluding fire, pharaoh and harvester ants), Small Flying Moths, Earwigs, Crickets, Silverfish, Spiders(excluding black widow and brown recluse) and other nuisance insects.

**USE AREAS:** For use with, Backpack Blowers, Backpack Sprayers and Handheld sprayers. in outdoor residential, commercial, recreational areas and in and around horse barns.

#### **USE RESTRICTIONS FOR OUTDOOR SURFACE APPLICATIONS:**

- Do not apply this product in a way that will contact adults, children or pets either directly or through drift. Only protected workers may be in the area during application.
- Do not make applications during rain
- Do not water the treated area to the point of run-off.
- Do not enter or allow others to enter until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated.
- Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosol, vapors, and/or mists have dispersed. Do not apply this pesticide when people, pets, and food are present.
- Do not contaminate food, feed or drinking water.
- Do not apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
- Do not apply by air or with hand held or truck mounted aerosol ULV sprayers, thermal fogging devices, and by chemigation or airblast applications.

**TEMPORARY REDUCTION OF ANNOYANCE** from Stable Flies, Mosquitoes (*Aedes aegypti*), and Small Flying Moths. The outdoor surface application will give temporary relief of annoyance from these pests in listed outdoor areas. Direct application into tall grass and shrubbery, around lawns and other areas or surfaces where pests may harbor or rest.

To kill accessible stages of listed flying insects in listed outdoor areas. If possible, spray application should be made when the insects are most active. With a backpack mist blower, spray at a dosage rate 0.5 to 1 fluid ounces of concentrate per gallon of spray solution.

When applying with a broadcast power sprayer, apply with sufficient water to adequately cover the area being treated but do not apply to the point of run-off. Alternate power spray mixing directions are to use 16 fluid ounces of concentrate per 50 gallons of water.

#### **INDOOR USE:**

##### **USE RESTRICTIONS FOR INDOOR APPLICATIONS IN HORSE BARNs:**

- Do not apply this product in barns or stables where animals intended for slaughter or human consumption will be maintained.
- Do not apply directly to food, feed, and/or drinking water.

For use in horse barns apply using a back pack sprayer or handheld sprayer. Dilute 0.5 to 1 fl oz of concentrate per Gallon of spray. Do not exceed maximum application rate of 0.25 lb. ai. / 1000 sq. ft. or 38 fl oz. of MGK 2965 [product name] product per 1,000 sq. ft. Do not apply more than 1 time per day.

##### **DIRECTIONS FOR USE IN OUTDOOR RESIDENTIAL MISTING SYSTEMS:**

**NOTE: NOT REGISTERED for use in Automatic ULV Spraying Systems in the State of New York.**

##### **USE RESTRICTIONS FOR OUTDOOR RESIDENTIAL MISTING SYSTEMS:**

- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Do not apply this pesticide when people, pets, and food are present.
- Do not use in an evaporative cooling system.
- Do not make applications during rain
- Automatic misting systems must not be programmed to release pesticide where food or water is directly exposed.

##### **Automatic spraying system dilution table**

Mix 16 to 35 fluid ounces of Concentrate in 55 gallons of water to yield a solution of 0.023% to 0.051% Sumithrin and 0.023% to 0.051% Piperonyl Butoxide. When filling tank, partially fill the system reservoir tank with water, add concentrate to tank then add water to obtain desired dilution.

% of Solution	Fluid Ounces of concentrate per gallon of water	Fluid Ounces per 55 gallons of water
0.023% Sumithrin + 0.023% PBO	.3	16
0.046% Sumithrin + 0.046% PBO	.58	32
0.051% Sumithrin + 0.051% PBO	.63	35

When using this product, residential misting system 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, pest 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.

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System nozzles should deliver fine particle size droplets (aerosol or mist). Direct nozzles to spray towards the target area and away from swimming pools, water bodies, or eating and cooking areas. Set system timer to operate in accordance with equipment directions.

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 MGK 2965 [product name] to \_\_\_ parts water

If used in a direct injection system or tank-less 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 a system that has been calibrated to apply no more than the following maximum application rates:

<b>Recommended Max Daily Total Application Time per nozzle delivering a flow rate of 1.35 fl. oz. /min (40 mis/min) and treating 100 sq. ft.</b>
No more than 185 seconds of total daily application for 0.023% solution
No more than 93 seconds of total daily application for 0.046% solution
No more than 85 seconds of total daily application for 0.091% solution
*Assumes a typical system not exceeding 50 total nozzles.

## 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 1/4 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.

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