



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

July 31, 2015

Steven K. Ditto  
US Regulatory Affairs Manager  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427

Subject: Label Notification per PRN 2007-4 – Add disposal language for refillable containers  
Product Name: MGK 2965  
EPA Registration Number: 1021-2573  
Application Date: July 10, 2015  
Decision Number: 507131

Dear Mr. Ditto:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 2007-4 and finds that the action requested falls within the scope of PRN-2007-4.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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 via PR Notice 98-10) or durably marked on the container itself.

If you have any questions, you may contact Elizabeth Fertich at 703-347-8560 or via email at fertich.elizabeth@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Elizabeth Fertich Dr".

Jennifer Urbanski, Ph.D.  
Product Manager 04  
Invertebrate & Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

# MGK® 2965 [ABN: Hyperion™ Advanced Mist Concentrate]

[ ] denotes alternate language

Kills Yellow Fever Mosquitoes (*Aedes aegypti*) and other nuisance insects as listed  
 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  
 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  
 Kills through contact  
 Specially designed for Misting Systems  
 Easy to use  
 Kills Yellow Fever Mosquitoes (*Aedes aegypti*)  
 Kills Mosquitoes (*Aedes aegypti*)  
 Engineered for use in Misting Equipment

Effective results using less active ingredient  
 Aids in reducing annoyance from Mosquitoes (*Aedes aegypti*) and other flying insects  
 Water-based Formulation  
 New advanced misting technology  
 Easy to handle  
 Cost effective results  
 Kills annoying outdoor pests as listed  
 Easy to mix  
 New active ingredient for misting  
 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

## 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 Chemical Company Ltd.

## 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. USER CAUTION: (If you do not read English, do not use this product until the directions for use have been fully explained.)

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

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 eye.</li> <li>▪ Call a poison control center or doctor for treatment advice.</li> </ul>
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. 1021-2573

EPA Est. No. 1021-MN-2

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

## NOTIFICATION

1021-2573

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

07/31/2015

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-sleeved 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 runoff 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 runoff, and has the potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff 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

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.)

SHAKE OR AGITATE THOROUGHLY BEFORE DILUTING. MGK 2965 [Hyperion™ Advanced Mist Concentrate] cannot be mixed with oil. Use only clean water.

MGK 2965 [Hyperion™ Advanced Mist Concentrate] 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 runoff.
- 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 back pack 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 runoff. 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. a.i. / 1,000 sq. ft. or 38 fl. oz. of MGK 2965 [Hyperion™ Advanced Mist Concentrate] 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, 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.

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 [Hyperion™ Advanced Mist Concentrate] 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.

2965\_1021-2573\_07150445

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 mls/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 0.051% 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.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drop.

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  $\frac{1}{4}$  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.

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  $\frac{1}{4}$  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.

[Or for Refillable Containers]

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into rinsate collection system. Repeat his rinsing 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.