



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 24, 2018

Steve Ditto  
McLaughlin Gromley and King d/b/a MGK  
8810 Tenth Avenue North  
Minneapolis, MN 55427

Subject: PRIA Label Amendment – Addition of Efficacy Related Pests & Claims  
Product Name: MGK FORMULA 31011  
EPA Registration Number: 1021-2804  
Application Date: December 14, 2017  
Decision Number: 536663

Dear Mr. Ditto:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Helen Hull-Sanders by phone at 703-347-0243, or via email at [hull-sanders.helen@epa.gov](mailto:hull-sanders.helen@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Elizabeth Fertich".

Elizabeth Fertich, Product Manager 4  
Invertebrate and Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

# MGK<sup>®</sup> Formula 31011

[ABN: Shockwave<sup>®</sup> Aerosol; Shockwave<sup>®</sup> 1 Aerosol; Shockwave<sup>®</sup> 1 Combination Aerosol; Shockwave<sup>®</sup> 1 Flushing, Killing & Residual Aerosol ]

[ ] Indicates Optional wording.

Flushes German cockroaches, crickets, earwigs, boxelder bugs, silverfish, springtails, moths, Angoumois Grain Moths, carpet beetles, confused flour beetles, sawtoothed grain beetles, granary weevils, rice weevils, red flour beetles, millipedes, clover mites, fowl mites, and bird mites.

- Triple action
- Dual Killing agents
- Dual synergized
- Multimode action and control
- IGR interferes with growth and development of fleas
- Contains NyGuard<sup>®</sup> IGR
- Controls fleas for up to 7 months
- Easy to Use Aerosol
- Includes Crack and Crevice applicator
- For use in food areas of food handling establishments and facilities
- For use in Residential, [Institutional,] [Commercial,] [Military] and [Government] Facilities
- No visible residue
- Continuous protection against listed stored product pests for 3 months
- No ozone depleting propellants
- Contains no CFCs or other ozone depleting substances
- Federal regulations prohibit CFC propellants in aerosols
- Can be used indoors and outdoors
- For use in barns and sheds (when animals are not present)
- For use in animal quarters, dairies, milk rooms, milking parlors, calving areas, dairy and hog barns. (when animals are not present)
- For use in horse stables
- Kills listed flying and crawling insects
- Kills listed flying insects
- Kills house flies and stable flies
- Kills cockroaches
- Flushes German cockroaches

**Kills:** cockroaches

**Kills or controls:** fleas, fruit flies, stable flies, house flies, small flying moths, ants (excluding fire and carpenter), centipedes, crickets, scorpions, spiders, earwigs, boxelder bugs, silverfish, springtails, moths, Indian Meal Moths, Angoumois Grain Moths, carpet beetles, confused flour beetles, sawtoothed grain beetles, granary weevils, rice weevils, red flour beetles, grain mites, booklice, millipedes, sowbugs, pillbugs, clover mites, fowl mites, and bird mites.

**Use Sites:** Food and Non-food areas of Restaurants, Commercial Buildings and Homes, Food Processing Plants, Food Warehouses, Grocery Stores and Supermarkets, Schools, Nursing homes, Hospitals, Office Buildings, Apartments, Hotels and Motels, Tobacco Plants and Warehouses, Manufacturing Plants, Commercial and Industrial Buildings, Transportation Equipment such as Automobiles, Boxcars, Buses, Boats, Trucks, Railcars, Ship Cargo Holds, Planes (cargo areas only), Animal Holding Areas, Animal Quarters, Barns, Beef and Dairy Barns, Farm Structures, Milking Rooms, Hog Barns, Horse Stables, Pet Sleeping Areas, Poultry Barns, Kennels, Meat and Poultry Processing Plants.

#### ACTIVE INGREDIENTS:

Pyrethrins .....	0.50%
* Piperonyl butoxide .....	1.00%
** N-Octyl bicycloheptene dicarboximide (MGK 264) .....	1.50%
Bifenthrin .....	0.05%
2-[1-methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine (pyriproxyfen) ...	0.20%
***OTHER INGREDIENTS .....	96.75%
	100.00%

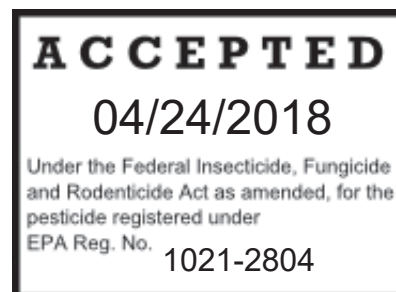
\* Equivalent to (butylcarbityl) (6-propylpiperonyl) ether and related compounds.

\*\* MGK<sup>®</sup> 264, Insecticide Synergist

\*\*\*Contains petroleum distillates.

Shockwave<sup>®</sup>, MGK<sup>®</sup> - Registered trademarks of McLaughlin Gormley King Company

**PRECAUCION AL CONSUMIDOR:** Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.  
**(TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.)



**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See Attached Booklet [Inside Label] [Back Panel] For Additional Precautionary Statements [And Directions For Use].

<b>FIRST AID</b>	
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>
IF SWALLOWED:	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.</li> </ul>
<b>NOTE TO PHYSICIAN:</b> Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	
<b>HOTLINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-888-740-8712.	

[Manufactured For:]



8810 Tenth Avenue North  
Minneapolis, MN 55427

EPA Reg. No. 1021-2804

EPA Est. No. 1021-MN-2

Net Weight: 17 Oz.

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

**CAUTION:** Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear:

- Long-sleeved shirt
- Long pants, and
- Shoes and socks

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

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to or near water. Drift and runoff may be hazardous to fish in water adjacent to treated areas. 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 of the treatment area. See Directions for Use for additional precautions and requirements.

This product 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 foraging in the treatment area.

**PHYSICAL AND CHEMICAL HAZARDS**

**FLAMMABLE.** Contents are under pressure. Do not use or store near heat, sparks or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Keep product from freezing. Do not apply this product in, on or around electrical equipment due to the possibility of shock hazard.

**DIRECTIONS FOR USE**

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

**[READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.] IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.**

**PRODUCT RESTRICTIONS:**

- THIS PRODUCT IS NOT FOR USE ON HUMANS OR ANIMALS.
- DO NOT spray this product into electrical equipment or outlets.
- In the home, all food/feed processing surfaces and utensils should be covered during treatment, or thoroughly washed before use. Cover or remove exposed food/feed and drinking water.
- Remove pets, birds and cover fish aquariums before spraying.
- This product will not stain water-safe fabrics and surfaces, however care should be taken to test an inconspicuous area for staining prior to use.

- Direct Application to food contact surfaces is prohibited.
- DO NOT allow adults, children or pets to enter treated area until sprays are dry.
- DO NOT allow adults, children or pets to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.
- DO NOT apply this product in a way that will contact workers or other persons either directly or through drift.
- DO NOT apply to plants or crops.
- DO NOT treat areas when occupants are present.
- DO NOT wet articles to the point of runoff or drip.
- DO NOT use treated articles until spray has dried.
- DO NOT allow people or pets to come in contact with treated surfaces until dry.
- Outdoor applications are limited to spot treatments to exterior building surfaces.
- Do not enter or allow others to enter until sprays have dried.
- Do not use in aircraft cabins.
- Only protected handlers may be in the area during application.
- Do not make applications during rain.
- Do not remain in the 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 lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensil before application. Wash teats of animals before milking.

**SHAKE WELL BEFORE EACH USE.**

**HOLD CONTAINER UPRIGHT WITH NOZZLE POINTED AWAY FROM YOU. PRESS VALVE AND SPRAY TARGET AREA OF SPACE. USE THE CONVENIENT APPLICATOR FOR CRACK AND CREVICE TREATMENT.**

**[NOTE: PRODUCT DISPENSES AT THE RATE OF 2.0 gm / second.]**

**HOW TO USE**

**INDOOR APPLICATIONS:** This product can be used indoors as a spot, crack & crevice or space spray application.

**OUTDOOR APPLICATIONS:** This product can only be used outdoors under eaves or as a spot treatment on the exterior of buildings.

**USE IN CRACKS AND CREVICES:** Use the convenient crack and crevice tool for applications. Insert the tool into cracks and crevices, holes, small openings and apply at the rate of 1 second per 3 linear feet. For wall void applications apply at the rate of 2 seconds per 1,000 cu. ft. Apply the product in a manner that adequately treats the void space.

**USE AS A SPACE SPRAY:** Treatments should be performed in a manner that provides adequate treatment of the space. Calculate the cu. ft. to be treated and use the rate of 2 to 5 seconds per 1,000 cu. ft. Ventilate treated areas before reoccupying.

**COMMON USE SITES**

**FOOD AND NON-FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS:** Do not apply more than 1 time per day. When applying as a space spray, food operations should be shut down, all food and utensils or surfaces that might come in contact with food should be covered, removed or thoroughly cleaned if covering or removal is not possible.

**FOOD AND NON-FOOD AREAS IN RESIDENTIAL HOMES:** 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.

**FEDERALLY INSPECTED MEAT AND POULTRY PLANTS:** When using this product apply only when processing area is not in operation. Foods should be removed or disposed of if contacted by product.

**HOSPITALS AND NURSING HOMES:** Do not apply this product in hospital rooms while occupied. Apply according to specific directions for pest(s) to be treated. Patients should be removed from room prior to treatment. Room should be thoroughly ventilated after spraying. Do not return patients to room until after ventilation and all treated surfaces have dried.

**PLANES:** Do not apply in aircraft cabins.

**TRANSPORTATION EQUIPMENT:** Do not apply when in use. Treat walls and floors and harborage areas, when not in use.

**FOR USE IN ANIMAL QUARTERS: Barns, Dairies, Milking Parlors, Poultry Houses, Hog Barns and Sheds: Animals must not be present during application. Do not apply more than 1 time per day. Space Spray:** Close all windows and doors and direct spray upward in all directions. Ventilate the area before allowing animals to enter treated space. **Surface Spray:** Apply as a crack and crevice treatment into cracks and crevices in all harborage areas including cabinets, meter boxes, sinks, behind and beneath refrigerators, behind baseboards and behind counter tops at the rate of 20 seconds per 100 sq. ft.

**FOR USE IN HORSE BARNs: Do not apply more than 1 time per day. Space Spray:** Close all windows and doors and direct spray upward in all directions. Ventilate the area before allowing anyone to enter the treated space. **Surface Spray:** Apply as a crack and crevice treatment into cracks and crevices in all harborage areas at the rate of 20 seconds per 100 sq. ft.

**INDOOR USE**

**CRAWLING INSECTS:** For pests including: ants (excluding fire and carpenter), centipedes, crickets, fleas, spiders, scorpions, silverfish, millipedes, sowbugs and pillbugs. Apply as a crack and crevice treatment into cracks and crevices in all harborage areas including cabinets, meter boxes, sinks, behind and beneath refrigerators, behind baseboards and behind counter tops at the rate of 20 seconds per 100 sq. ft. When applying the product to cockroaches, harvester ants, Argentine ants, pharaoh ants, centipedes and/or scorpions, directly spray the pests.

**TO FLUSH AND KILL:** Crickets, earwigs, German cockroaches, boxelder bugs, silverfish, springtails, moths, Angoumois Grain Moths, carpet beetles, confused flour beetles, sawtoothed grain beetles, granary weevils, rice weevils, red flour beetles, millipedes, clover mites, fowl mites, and bird mites: Apply as a spot or crack and crevice application to areas where other listed crawling pests hide and travel, such as along baseboards, corners, storage areas, closets, around water pipes, cabinets, behind and under refrigerators, furniture, sinks, furnaces and stoves, the underside of shelves, drawers and similar areas.

**FLYING INSECTS:** For pests including blackflies, house flies, horse flies, fruit flies, stable flies, fungus gnats and moths. When applying to house flies, black flies, horse flies and stable flies, directly spray the pest to ensure efficacy. Apply as a space treatment for other listed pests. Close all windows and doors and direct fog upward at a rate of 2 to 5 seconds per 1,000 cu. ft. Disperse evenly throughout the space. Keep area closed for 15 minutes. Open and ventilate before reoccupying. Treatment may be repeated daily if necessary.

**TO KILL CARPET BEETLES AND CONTROL FLEAS:** Apply as a spot treatment to cracks and crevices and around baseboards, furniture, floorboards and around edges of carpet. Apply at the rate of 20 seconds per 100 sq. ft. Apply enough product to get spray coverage to the bottom of the carpet and pad where larval stages may be feeding. Spray under rugs.

**TO KILL STORED PRODUCT PESTS:** Apply as a crack and crevices of cabinets, countertops, pantries, food handling equipment and other harborage areas.

**TO CONTROL FLEAS IN LISTED PET AREAS:** Remove and either launder or destroy pet's old bedding. To reduce infestation, thoroughly spray the animal's clean bedding and sleeping quarters. Apply as a spot treatment to cracks and crevices furniture, and around edges of carpet. Apply at the rate of 20 seconds per 100 sq. ft. Apply enough product to get spray coverage to the bottom of the carpet and pad where larval stages may be feeding. Spray under rugs. Allow treated areas to dry thoroughly before allowing pets to re-enter. For best results, pets should be treated with an EPA registered flea control product before they return to the treated area. **DO NOT TREAT PETS WITH THIS PRODUCT.**

#### OUTDOOR USE

**BUILDING SURFACE TREATMENTS FOR INVADING PESTS SUCH AS:** Boxelder bugs, stink bugs, ants (excluding fire and carpenter), silverfish, spiders, earwigs and springtails. Spot treatments may be made on outdoor structures such as entry ways, windows, weep holes, and behind siding. Apply at the rate of 1 second per 3 linear feet. Do not apply more than 1 time per day.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Do not store near heat or open flame. Store in cool dry area away from children. Keep from freezing.

**PESTICIDE DISPOSAL:** Waste resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Do Not Puncture or Incinerate! **If empty:** Place in trash or offer for recycling if available. [This container may be recycled in an aerosol recycling center. At present, there are only a few such centers in the country. Before offering for recycling, empty the can by using the product according to the label.] **If partly filled:** Call your local solid waste agency for disposal instructions.



Federal regulations prohibit  
CFC propellants in aerosols

#### IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of MGK. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MGK MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of MGK is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, MGK disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT MGK'S ELECTION, THE REPLACEMENT OF PRODUCT.

[Or alternate text

Note [Notice]: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.]

[ ] Denotes alternate text in addition to any sub-set of the directions for use