

1021-1875

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460 0001

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 4 2012

Mr Thomas A Lennan
Registration Specialist
McLaughlin Gormley King Company
8810 Tenth Avenue North
Minneapolis MN 55427 4319

**Subject: Amended Labeling Revised Application Rates for Space Spray & Surface Applications
MGK® MGK 292/ EPA Reg No 1021 1875
Your Submission Dated February 29, 2012**

Dear Mr Lennan

The labeling referred to above submitted in connection with registration under the Federal Insecticide Fungicide and Rodenticide Act as amended is acceptable with the following provision(s)

First Aid Statements section comment(s)

- 1 To facilitate inclusion of required label language make the following changes
 - Revise the 1st bulleted statement within the IF SWALLOWED subsection to read Call a poison control center or doctor immediately for treatment advice
 - Revise the HOTLINE NUMBER subsection to read 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 concerns) you may call 1 888 740 8712

Precautionary Statements, Hazards to Humans and Domestic Animals subsection comment(s)

- 2 To facilitate inclusion of required label language make the following changes
 - Insert the following text immediately preceding the 1st sentence within this subsection **Contains petroleum distillates**
 - Insert the following text immediately following the 3rd sentence within this subsection Wash hands thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet

Directions for Use, subsection specific comment(s)

- 3 To facilitate inclusion of required label language make the following changes
 - Revise the subsection heading GENERAL PRECAUTIONS AND RESTRICTIONS to read USE RESTRICTIONS
 - Within the USE RESTRICTIONS subsection insert the following text immediately preceding the 1st bulleted use restriction to read THIS PRODUCT IS FOR INDOOR USE ONLY
 - Revise the subsection heading GENERAL to read USE INSTRUCTIONS


Storage and Disposal section comment(s)

- 4 To facilitate inclusion of required label language from PR Notice 2007 4 make the following changes
 - Revise the PESTICIDE STORAGE subsection to read PESTICIDE STORAGE Store in a cool dry (preferably locked) place away from heat or open flame in an area that is inaccessible to children and animals
 - Revise the subsection heading CONTAINER HANDLING to read CONTAINER DISPOSAL

A copy of your label stamped "Accepted with Comments" is enclosed for your records. Per 40 CFR §156.10(a)(6) submit one (1) copy of your final printed labeling incorporating the above changes before you release the product for shipment. As defined in 40 CFR §152.3 final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels. Note that a clean copy of the master label in most cases does not meet the definition of final printed labeling. 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.

If you have any questions about this label review, please contact Mr. Carmen Rodia at (703) 306-0327 or via e-mail at Rodia.Carmen@epa.gov

Sincerely yours

For 
Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7505P)

Enclosure Copy of label stamped "Accepted with Comments"
001021 01875 D462232 & D462656

ACCEPTED
With COMMENTS
In EPA Letter Dated
June 4, 2012
Under the Federal Insecticide Fungicide
and Rodenticide Act As amended for the
pesticide Registered under EPA Reg No
1021-1875

MGK-2927

For Use in Homes Apartments Food and Non Food Areas of Food Processing Plants Warehouses
Office Buildings Hotels Motels Schools Theatres Hospitals and Other Areas Listed

[] Indicates alternate or optional wording

[Designed for use through ULV and Fogging equipment]
[Delivers Fast knockdown and kill of listed insects]

ACTIVE INGREDIENTS	
(RS)-2 Methyl-4-oxo 3 (2 prop nyl) cyclopent 2-enyl (1RS)-cis trans	0.67 /
chrysanthemate	
Piperonyl butoxide	2.00 /
N Octyl bicycloheptene dicarboximide	2.87 /
OTHER INGREDIENTS	94.46 /

100.00 /

ETOC®
(butylcarbityl) (6 propylpiperonyl) ether and related compounds
MGK® 264 Insecticide Synergist
Contains petroleum distillate

MGK® and MULTICIDE® Registered trademarks of McLaughlin Gormley King Company
ETOCO Registered trademark of Sumitomo Chemical Corp Ltd Japan

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> Immediately call a poison control center or doctor Do not induce vomiting unless told to do so by a poison control center or doctor Do not give any liquid to the person Do not give anything by mouth to an unconscious person
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> Take off contaminated clothing Rinse skin immediately with plenty of water for 15-20 minutes Call a poison control center or doctor for treatment advice
IF INHALED	<ul style="list-style-type: none"> Move person to fresh air If person is not breathing call 911 or an ambulance. Then give artificial respiration preferably mouth to mouth if possible Call a poison control center or doctor for further treatment advice
NOTE TO PHYSICIAN	
Contains petroleum distillate -- vomiting may cause aspiration pneumonia. 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) you may call 1-888-740-8712	

Manufactured by



8810 Tenth Avenue North
Minneapolis MN 55427

EPA Reg No 1021 1875

EPA Est No 1021 MN 2

Net Contents _____

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed Harmful if absorbed through skin Avoid contact with skin eyes or clothing
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 made of barrier laminate nitrile rubber neoprene rubber or viton

In addition to the above PPE applicators using hand held foggers in an enclosed area must wear 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 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 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

User 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 in to clean clothing

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms including fish and invertebrates Do not apply directly to or near
water Drift and run off may be hazardous to fish in water adjacent to treated areas Do not contaminate water
when disposing of equipment washwater or rinsate See Directions for Use for additional precautions and
requirements

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

GENERAL PRECAUTIONS AND RESTRICTIONS

- Do not remain in treated area. Exit immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed
- Not for use in metered release devices
- Do not apply to classrooms or patient rooms in hospitals and nursing homes while occupied
- Do not apply to a given area more than once every 4 days
- 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
- Remove pets and birds and cover fish aquariums before spraying
- Do not apply to classrooms or patient rooms in hospitals and nursing homes while occupied
- Do not apply to a given area more than once every 4 days
- Do not wet articles to the point of runoff or drip
- Do not use treated article until spray has dried
- Do not use in aircraft cabins except in compliance with PR Notice 96-3
- Entry Restrictions when applied as a surface spray
 - Do not enter or allow others to enter until sprays have dried
- Entry Restrictions when applied as a space spray or fog
 - Do not allow adults, children, or pets to enter the treated area for at least 15 minutes until vapors, mists, and aerosols have dispersed and the treated area has been thoroughly ventilated
- Application Restrictions
 - 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 used in food handling and processing facilities
 - Do not make space spray applications when facility is in operation
 - Prior to space spray applications, cover or remove food
 - Prior to space spray applications, cover food processing surfaces or clean after treatment and before use

Product cannot be used

- 1) in areas where animals raised for milk and meat (human food animals) are present
- 2) in any areas where animal feeds are prepared, processed, or stored, and
- 3) in any truck beds or truck trailers, freight/tank/container, railroad cars, ship holds, or ship and air freight containers that are used to transport unbagged (bulk) feeds

Do not apply to classrooms or patient rooms in hospitals and nursing homes while occupied

Do not apply to a given area more than once every 4 days

GENERAL This concentrate is designed for use undiluted through mechanical aerosol or Ultra Low Volume (ULV) generators, as well as thermal and conventional fogging or spraying equipment

Dilution It can be diluted with a white mineral oil conforming to regulation 21 CFR 178.3620(b) or an odorless light petroleum hydrocarbon conforming to 21 CFR 172.882 or 40 CFR 180.1001(c) & (e). Combine oil with this concentrate and mix well just prior to application.

Tank mixing This concentrate may be tank mixed with NyGuard Insect Growth Regulator or other appropriately labeled insect control products, unless prohibited by the other product's label. When using a tank mix, always make applications following the most restrictive label language of the products being mixed.

NOTE If there is a need to treat such areas as conduits motor housings junction and switch boxes or other electrical equipment de-energize electrical equipment prior to application After application allow time for oil to evaporate before starting motors or placing switches in the ON position

FOOD HANDLING ESTABLISHMENT APPLICATIONS

Do not apply directly to food Do not apply as a Space Spray or general surface treatment while food processing is underway Foods should be removed or covered during treatment All food processing surfaces and equipment should be covered or washed with an effective cleaning compound followed by potable water rinse In the home all food processing surfaces dishes and utensils should be covered during treatment or thoroughly washed before use

Insects Controlled

Almond Moths
Angoumois Grain Moths
Ants
Bed bugs
Blister Beetles
Blood Sucking Lice
Boxelder Bugs
Cadelles
Carpet Beetles
Centipedes
Cereal Beetles
Cheese Mites
Cheese Skippers
Chocolate Moths
Cigarette Beetles
Clothes Moths
Clover Mites
Cockroaches
Coffee Bean Weevils
Confused Flour Beetles
Crickets
Dark Mealworms
Darkling Beetles

Dried Fruit Beetles
Drugstore Beetles
Earwigs
Face Flies
Firebrats
Fleas
Flies
Fruit Flies
Fungus Gnats
Gnats
Grain Mites
Granary Weevils
Harlequin Bugs
Hide Beetles
Horn Flies
Hornets
House Flies
Indian Meal Moths
Khapra Beetles
Leaf Hoppers
Lesser Grain Borers
Mediterranean Flour Moths
Mosquitoes

Mushroom Flies
Red Flour Beetles
Rice Weevils
Rusty Grain Beetles
Saw toothed Grain Beetles
Scorpions
Silverfish
Small Flying Moths
Spider Beetles
Spiders
Stable Flies
Stink Bugs
Ticks
Tobacco Moths
Vinegar Flies
Warehouse Beetles
Wasps
Waterbugs
Weevils
Yellow Jackets
Yellow Meal Worms

For use in and around

- | | | |
|--------------------------|-----------------------------|-----------------------------|
| Apartments | preparation areas | Parking Garages |
| Arcades | Freight Containers | Passenger Railroad Cars |
| Auditoriums | Fruit Packing Shed | Pool Halls |
| Bakeries | Garbage Bins | Poultry Housing |
| Beverage Plants | Garbage Cans | Prisons |
| Banquet Facilities | Garbage compactors | Public Storages |
| Barns | Garbage trucks | Public Housing |
| Bars | Gas Stations | Rabbit Processing Plants |
| Basements | Grain Elevators | Railroad Cars |
| Bathrooms | Grain Harvesting & Handling | Recreational Vehicles |
| Boats | Equipment | (RVs) |
| Bottling Plants | Garages | Recycling Facilities |
| Breweries | Grain Mills | Restaurants |
| Brewery Warehouses | Granaries | Retail Stores |
| Buildings | Grocery Stores | Rice Mills |
| Busses | Healthcare Facilities | Schools |
| Cabins | Homes (Households) | Smoke Shops |
| Cabinets | Hospices | Stables |
| Cafeterias | Hospitals | Storage Bins |
| Carpets | Hotels | Stored Food in Multi walled |
| Cargo Aircraft | Industrial Installations | Packaging or Cloth Bags |
| Campers | Institutions | Stored Food Warehouses |
| Canneries | Jails | |
| Churches | Kitchens | Stores |
| City Missions | Kennels | Supermarkets |
| Circus Tents | Laboratories | Textile Mills & Warehouses |
| Closets | Laudromats | Theatres |
| Communication Centers | Lavatories | Tobacco Warehouses |
| Condominiums | Libraries | Tool Sheds |
| Concession Stands | Liquor Stores | Trains |
| Convenience Stores | Locker Rooms | Trucks |
| Court Houses | Manna Buildings | Tunnels |
| Day Care Centers | Mills | Universities |
| Department Stores | Motels | Utilities |
| Diners | Meat Packing Plants | Utility Rooms |
| Dining Halls | Storage Facilities | Voids (i.e. Attics False |
| Liquor Distilleries | | Ceilings) |
| Dog Houses | Mobile Homes | Walls & Equipment Voids |
| Dormitories | Morgues | Warehouses |
| Drug Stores | Motels | Wholesale Stores |
| Dumpsters | Movie Theatres | Wine Cellars |
| Egg Processing Plants | Museums | Wineries |
| Ethanol Plants | Mushroom Processing | Zoos |
| Factories | Nursing Homes | |
| Food Service Storage and | Office Buildings | |

UNDILUTED APPLICATIONS

SPACE SPRAY APPLICATION

To Kill Flying Insects listed above Close doors windows and shut off all ventilating equipment. Then with a mechanical aerosol generator (no droplets over 50 microns in diameter and 80% less than 30 microns) apply undiluted concentrate at a discharge rate of 1.000-99 fl oz /1 000 ft³ of room space. Direct

spray toward upper areas of room Do not remain in treated areas after application and leave room closed for at least 1 hour Ventilate thoroughly before occupants are allowed to re enter

To Kill Crawling Insects listed above Close doors windows and shut off all ventilating equipment before application Use the concentrate undiluted and apply through equipment which can deliver a pin stream spray Direct a pin stream spray into all cracks and crevice in woodwork walls floors underneath sinks behind pipes and in all places where these insects harbor Contact as many insects as possible with the spray Do not allow spray to contact stored food Then with a mechanical aerosol generator (no droplets over 50 microns in diameter and 80% less than 30 microns) apply undiluted product at the rate of ~~1.00-90~~ fl oz/1 000 ft³ of space Leave room closed for at least 1 hour after application Do not remain in treated areas and ventilate thoroughly before occupants are allowed to re enter

Space sprays may be made to the surfaces of bags of stored food products at the rate of no more than ~~0.0064~~ lbs MGK 264 /1000 cubic feet or ~~0.090~~ fl oz MGK 2927 /1 000 cubic ft Direct application to food contact surfaces is prohibited

FEDERALLY INSPECTED MEAT & POULTRY ESTABLISHMENTS

Apply as a space or directed contact spray for control of flying and crawling insects listed (see Insects Controlled section) in establishments operating under the Federal meat poultry shell egg grading and egg products inspection program Do not apply while food processing is underway All food processing surfaces and equipment should be covered or washed with an effective cleaning compound followed by a potable water rinse after application and before processing resumes Close doors windows and shut off all ventilating equipment prior to application When using ULV (Ultra Low Volume) equipment adjust it to deliver aerosol droplets (30 microns or less) and apply ~~1.00+90~~ fl oz/1 000 ft³ of space Leave room closed for at least 1 hour after application and ventilate before occupants are allowed to re enter Do not apply more than 1 time per day

INDOOR AEROSOL SPACE SPRAY APPLICATIONS (AEROSOL PUMP SPRAYERS) IN RESIDENTIAL AREAS

When making Indoor Aerosol Space Spray applications in residential areas with an aerosol pump sprayer do not exceed the maximum application rate of 0.0015 lbs MGK 264 /1 000 cubic ft or 0.90 fl oz MGK 2927 / 1 000 cubic ft

DEEP VOID APPLICATION

SPOT APPLICATION With equipment designed for deep void Ultra Low Volume (ULV) applications follow the manufacturer's recommendations for proper equipment set up and operating pressures Place the tip of the applicator at or into the crack and crevice to be treated Apply product in short bursts while keeping tip in position Allow the air stream to push insecticide deep into voids Repeat application as necessary to flush insects from voids Avoid applying to the point of runoff or drip Ventilate thoroughly before occupants are allowed to re enter

LINEAR APPLICATION ALONG BASEBOARDS TRIM MOLDING ETC With equipment designed for deep void ULV application move applicator tip along the crevice to be treated applying a constant burst of insecticide ~~Apply at the rate of 6-7~~ Do not apply more than 27 fl oz MGK 2927 / 1 000 sq ft Move the tip at a steady rate of approximately 1 ft/second Avoid applying to the point of runoff or drip Repeat application as necessary to flush insects from the void Ventilate thoroughly before occupants are allowed to re enter

SPOT, OR CRACK AND CREVICE APPLICATIONS Undiluted Use concentrate undiluted and apply through equipment which can deliver a pin stream spray ~~Do not apply more than 135 fl oz of~~ Apply at the rate of ~~33 fl oz~~ MGK 2927 / 1 000 sq ft Apply in specific areas such as cracks and crevices in or behind baseboards in floors walls expansion joints areas around water and sewer pipes wall voids or voids in table legs and equipment where pests can hide as well as other similar areas Spot treatments may also be made to areas including but not limited to storage areas closets doors and windows behind and under refrigerators cabinets sinks stoves and other equipment the underside of shelves drawers and similar areas Do not apply where electrical short circuits could occur

DILUTED SPRAY APPLICATIONS

SURFACE SPRAY (Including Spot, Crack and Crevice Treatments) Use Diluted concentrate with sprayers that give large wetting spray particles to insure maximum control of listed crawling insects (see Insects Controlled section) Dilute 1 part concentrate with up to 9 parts oil and mix well Apply as a coarse wetting spray using approximately 1 gallon of spray mixture for 750 square feet of surface Spray walls floor and other surfaces thoroughly being especially careful to apply the spray into all cracks and crevices in woodwork walls floors underneath sinks behind pipes and in all places where these insects shelter Treat both the underside and top side of infested carpets Spray inside of trunks closets and infested areas of shelving Treat unloading storage handling and processing areas in and around bins conveying processing and handling equipment Spray thoroughly around the base of heavy machinery and equipment Apply around doors and windows behind and under refrigerators cabinets sinks stoves and other equipment the underside of shelves drawers and similar areas Do not apply where electrical short circuits could occur Spray insects directly when possible

To Kill Accessible Stages of Granary Insects Dilute 1 part Concentrate with up to 9 parts of oil and mix well Spray outside walls of grain bins flooring about base of milling machinery walls and baseboards areas behind cabinets around pipes and other insect harborages using 1 gallon spray per 1 000 square feet of surface

ANIMAL HOUSING AND PRODUCTION FACILITIES

Use to control Flying and Crawling Insects listed in the Insects Controlled section of this label Apply as a Space Spray application Crack and Crevice or Spot Treatment or as a diluted surface spray Animals raised for Milk and Meat production must not be present at the time of application They may be returned to the facility following ventilation (Space Spray) or once the sprayed material has dried (Surface Application)

SPACE SPRAY APPLICATION

To control listed crawling and flying insects Close doors windows and shut off all ventilating equipment Then with a mechanical aerosol generator (no droplets over 50 microns in diameter and 80% less than 30 microns) apply undiluted concentrate at a dosage rate of approximately 0.90 fl oz/1 000 ft³ of room space Direct spray toward areas where insects travel land harbor and breed including walls cages shelves ceiling rafters support beams posts upper areas of facility Do not allow application to contact bulk animal feedstuffs or drinking water Do not remain in treated areas after application and leave facility closed for at least 1 hour Ventilate thoroughly before milk and meat production animals are allowed to re enter

SURFACE SPRAY APPLICATION (Including Spot Crack and Crevice Treatments)

Use Diluted concentrate with sprayers that give large wetting spray particles to insure maximum control of listed insects (see Insects Controlled section) Dilute 1 part concentrate with up to 9 parts oil and mix well Apply as a coarse wetting spray using approximately 1 gallon of spray mixture for 1 000 square feet of surface Spray walls floor and other surfaces thoroughly being especially careful to apply the spray into all cracks and crevices on walls floors ceilings around windows and doors behind pipes and in all places where these insects shelter Treat exterior surface of bins conveying and handling equipment Do not apply where electrical short circuits could occur Spray insects directly when possible Animals may be returned to treated area once applied spray has dried

For best results use as part of an integrated program with a residual spray such as Onslaught Microencapsulated Insecticide and with an insect Growth Regulator such as NyGuard IGR Concentrate

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in a cool, dry place away from heat or open flame in an area that is inaccessible to children and animals.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING

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