



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

July 5, 2016

Steven K. Ditto  
US Regulatory Affairs Manager  
McLaughlin Gormley King Company D/B/A MGK  
8810 10<sup>th</sup> Ave. N  
Minneapolis, MN 55427

Subject: Label Notification per PRN 2007-4 –Container disposal language  
Product Name: MULTICIDE FOGGING CONCENTRATE 2651  
EPA Registration Number: 1021-1812  
Application Date: 6/17/2016  
Decision Number: 518708

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, please contact Angela Hollis at 703-347-0216 or via email at [hollis.angela@epa.gov](mailto:hollis.angela@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "M. Fry", with a large, stylized initial "M" and "F".

Meridith M. Fry, Ph.D., Product Manager 4  
Invertebrate and Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

# MULTICIDE® Fogging Concentrate 2651

[ABN: CIRRUS® Fogging Concentrate]

[ ] indicate optional wording.

[Graphic: MGK® Logo] [MGK Insect Control Solutions]

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

## ACTIVE INGREDIENTS:

* (RS)-2-Methyl-4-oxo-3-(2-propynyl) cyclopent-2-enyl-(1RS)-cis, trans-chrysanthemate .....	2.00%
** Piperonyl butoxide .....	4.00%
*** N-Octyl bicycloheptene dicarboximide.....	6.38%
****OTHER INGREDIENTS.....	87.62%
	<hr/> 100.00%

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

MGK®, MULTICIDE®, CIRRUS® - Registered trademarks of McLaughlin Gormley King Company

ETOC® - Registered trademark of Sumitomo Chemical Corp., Ltd., Japan

KEEP OUT OF REACH OF CHILDREN

## CAUTION

### FIRST AID

#### IF ON SKIN OR CLOTHING:

- 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.

### 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 concerns or incidents), call 1-888-740-8712.

Manufactured by



8810 Tenth Avenue North  
Minneapolis, MN 55427

EPA Reg. No. 1021-1812

EPA Est. No. 1021-MN-2

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

## NOTIFICATION

1021-1812

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:

07/05/2016

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## CAUTION

**Contains Petroleum Distillates.** Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt, long pants, shoes and socks, and chemical-resistant gloves (barrier laminate or viton, selection category G).

Wear a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH-approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter when applying this product as a space spray.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

- Long-sleeved shirt,
- Long pants,
- Chemical-resistant gloves made of barrier laminate or viton (selection category G), and
- Shoes and socks.

In addition to the above PPE, applicators using handheld 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 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.

### 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.

### PHYSICAL OR CHEMICAL HAZARDS

**Combustible.** 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.

### USE RESTRICTIONS

- Do not contaminate food or feedstuffs.
- This product is for indoor use only.
- This product is not for use in outdoor residential misting systems (indoor or outdoor, indoor metered release devices, or indoor misting systems).
- Use of this product is prohibited in the following areas: (1) Areas where livestock animals (human food animals) are housed for feed; (2) Areas where animal feeds are prepared, processed, or stored; or (3) In any truck beds or trailers, freight/tank/containers, railroad cars, ship holds, or ship and air freight containers that are used to transport unbagged (bulk) animal feeds.
- Direct application to food contact surfaces is prohibited.
- Do not apply to classrooms while occupied.
- Do not use in aircraft cabins.
- Do not apply to patient rooms in hospitals and nursing homes while occupied.
- Do not use undiluted spray in homes, apartments, condominiums and schools.
- Do not wet articles to the point of runoff or drip. Do not use treated article until spray has dried.
- 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 treated area during application.
- 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 as a surface spray: Do not enter or allow others to enter the treated area until sprays have dried.
- When used 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.
- When used in food handling establishments: Do not apply when food is present. Do not use in food areas of food handling establishments, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms but excluding areas where foods may be prepared or held. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food and drinking water should be covered or removed. Do not apply more than 1 time per day.
- Application of this product is prohibited 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.
- Remove pets, birds and cover fish aquariums before spraying.

This product should be used as directed for kill of the following insects: Almond Moths, Angoumois Grain Moths, Ants, Blister Beetles, Blood Sucking Lice, Boxelder Bugs, Cadelles, Carpet Beetles, Centipedes, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Clothes Moths, Cockroaches, Coffee Bean Weevils, Confused Flour Beetles, Crickets, Dark Mealworms, Darkling Beetles, Deer Flies, Driedfruit 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, Indian Meal Moths, Khapra Beetles, Leaf Hoppers, Lesser Grain Borers, Mediterranean Flour Moths, Mosquitoes, Mushroom Flies, Red Flour Beetles, Rice Weevils, Rusty Grain Beetles, Sawtoothed Grain Beetles, Scorpions, Silverfish, Small Flying Moths, Spider Beetles, Spiders, Stable Flies, Stink Bugs, Tobacco Moths, Vinegar Flies, Warehouse Beetles, Wasps, Yellowjackets and other similar insects.

#### INDOOR USE AREAS

For use in indoor areas such as: Apartments, Arcades, Auditoriums, Bakeries, Bars, Basements, Bathrooms, Beverage Plants, Boats, Bottling Plants, Breweries, Brewery Warehouses, Buildings, Buses, Cabinets, Cabins, Cafeterias, Campers, Canneries, Carpets, Churches, Circus Tents, City Missions, Closets, Communication Centers, Concession Stands, Condominiums, Court Houses, Day Care Centers, Department Stores, Diners, Dog Houses, Drug Stores, Dumpsters, Egg Processing Plants, Food Handling Establishments, Freight Containers, Fruit Packing Sheds, Garages, Garbage Bins, Garbage Cans, Garbage compactors, Garbage trucks, Gas Stations, Grain Elevators, Grain Harvesting & Handling Equipment, Grain Mills, Granaries, Grocery Stores, Homes (Households), Hospices, Hospitals, Hotels, Industrial Installations, Institutions, Jails, Laboratories, Laundromats, Lavatories, Libraries, Liquor Stores, Locker Rooms, Marinas, Mausoleums, Meat Packing Plants, Mills, Mini-Storages, Mobile Homes, Morgues, Motels, Movie Theaters, Museums, Mushroom Processing, Non-Food Areas of Food Handling Establishments, Nursing Homes, Office Buildings, Parking Garages, Passenger Railroad Cars, Planes, Pool Halls, Prisons, Public Storages, Rabbit Processing Plants, Recreational Vehicles (RVs), Restaurants, Retail Stores, Rice Mills, Schools, Smoke Shops, Storage Bins, Stored Food in Multi-walled Paper or Cloth Bags, Stores, Supermarkets, Textile Mills & Warehouses, Theaters, Tool Sheds, Trains, Trucks, Tunnels, Utilities, Utility Rooms, Voids (i.e. Attics, False Ceilings), Walls & Equipment Voids, Warehouses, Wholesale Stores, Wine Cellars, Wineries and other similar areas.

Non-Food Areas of Food Handling Establishments: For use in non-food areas of food processing plants, schools, warehouses, theaters, office buildings, industrial plants, hotels, motels, hospitals, kennels, food service establishments, truck trailers, railroad cars, food manufacturing and warehousing establishments. Non-food areas include garbage rooms, lavatories, offices, floor drains to sewers, entries and vestibules, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage areas after canning or bottling.

USE DIRECTIONS: This concentrate is designed for use undiluted in mechanical sprayers, which gives particles of aerosol size (5-30 microns). It can be diluted with refined kerosenes, which meet Food Additive Regulation CFR 21, 172.884, and applied in fogging equipment that give larger than aerosol particle size. It can also be diluted with the oil specified above and applied as a contact spray to kill crawling insects shown later on this label. In food warehouse or storage areas do not apply more than once every 4 days. Automated fogging devices can only be used when facilities are not in operation.

#### UNDILUTED APPLICATIONS:

SPACE SPRAY - Undiluted in aerosol generators - To kill Ants, Boxelder Bugs, Cheese Mites, Cheese Skippers, Clover Mites, Earwigs, Exposed Accessible Stages of Flies, Fruit Flies, Gnats, Hornets, Mosquitoes, Small Flying Moths, Wasps and the following common stored product pests: Angoumois Grain Moths, Cadelles, Cigarette Beetles, Confused Flour Beetles, Dark Mealworms, Drugstore Beetles, Grain Mites, Granary Weevils, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Spider Beetles, Tobacco Moths and Yellow Mealworms: Remove or cover exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating equipment. Apply at the rate of 1 fluid ounce of undiluted concentrate per 1,000 cubic feet (1 ml/m<sup>3</sup>) of space. Direct output from aerosol generator toward upper corners of room and ceiling. Leave room closed for ½ hour and thoroughly ventilate before re-entry. Do not remain in treated area.

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.

CONTACT AND SPACE SPRAY - Undiluted - To kill Ants, Crickets, Cockroaches, Earwigs, Silverfish and Spiders in sheltered situations: Contact as many insects as possible. Do not allow spray to contact stored food. Use at a dosage rate of approximately ½ fluid ounce per 1,000 cubic feet (0.53 ml/m<sup>3</sup>) of room space. Do not apply more than once every 4 days for control. Leave the room closed for 1 hour. Do not remain in treated areas and thoroughly ventilate area before re-entry. The facility must not be in operation when used as a space spray or general surface treatment.

SPOT, OR CRACK AND CREVICE APPLICATIONS - Undiluted: 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 APPLICATIONS:

SPACE SPRAY - Diluted for ordinary mechanical fogging equipment - To kill Flies, Gnats, and Small Flying Moths: This concentrate is designed for use diluted in mechanical sprayers which gives particles of aerosol size (5-30 microns). Cover or remove exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating equipment. Dilute concentrate with oil at the rate of 1 part concentrate plus 29 parts of oil or 4.5 fluid ounces per gallon (36 ml/L) and mix well. Apply at the rate of 2 fluid ounces of diluted spray per 1,000 cubic feet (2.1 ml/m<sup>3</sup>) of space or 50 fluid ounces diluted spray (0.4 gallons) per 25,000 cubic feet (2.1 ml/m<sup>3</sup>) of space. Direct fog upward towards upper corners of room and ceiling area. Leave room closed for ½ hour. Do not remain in treated area. Thoroughly ventilate room before re-entry.

CONTACT SPRAY - Diluted for use with sprayers that give large, wetting spray particles to kill Cockroaches and accessible stages of Granary Insects: Cadelles, Confused Flour Beetles, Grain Mites, Granary Weevils, Meal Moth Larvae and Adults, Red Flour Beetles, Rice Weevils and Sawtoothed Grain Beetles: Cover or remove exposed food and close room as described above. Dilute concentrate with oil at the rate of 1 part concentrate plus 29 parts of oil or 4.5 fluid ounces per gallon (36 ml/L) 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 (40 ml/m<sup>2</sup>) feet of space. Do not apply more than once every 4 days.

To kill Carpet Beetles: Dilute concentrate with oil at the rate of 1 part concentrate plus 29 parts of oil or 4.5 fluid ounces per gallon (36 ml/L) and mix well. Apply to floor areas and baseboards. Treat both the underside and topside of infested carpets. Spray inside of trunks, closets and infested areas of shelving. Do not apply more than once every 4 days for control.

**SURFACE SPRAY:** For kill of the following listed crawling insects: Ants, Boxelder Bugs, Clover Mites, Drugstore Beetles, Earwigs, Lice and Spider Beetles: Dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well and apply as a coarse wetting spray using approximately 1 gallon of spray mixture for 750 square feet (54 ml/m<sup>2</sup>) of surface. Spray walls, floor and other surfaces of bins and storage and handling areas 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. Spray thoroughly around the base of heavy machinery and equipment. Spray insects directly when possible.

**SPOT AND CRACK AND CREVICE TREATMENT:** For kill of the following crawling insects: Ants, Boxelder Bugs, Clover Mites, Drugstore Beetles, Earwigs, Lice and Spider Beetles: Dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well and apply as a coarse wetting spray using approximately 1 gallon of spray mixture for 750 square feet (54 ml/m<sup>2</sup>) of surface. Spot spray walls, floor and other surfaces of bins and storage and handling areas 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 unloading, handling and processing areas and inside conveying, processing and handling equipment. Spot spray thoroughly around the base of heavy machinery and equipment. Spray insects directly when possible.

**STORED FOOD:** (Stored in multi-wall bags or cloth bags) in flour mills, grain elevators, granaries, storage rooms, warehouses for kill of Angoumois Grain Moths, Cadelles, Cheese Mites, Cheese Skippers, Cigarette Beetles, Confused Flour Beetles, Dark Mealworms, Grain Mites, Granary Weevils, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Yellow Mealworms: Remove and destroy infested products. Dilute concentrate with oil at the rate of 1 part concentrate plus 29 parts oil or 4.5 fluid ounces per gallon (36 ml/L) and mix well. Disperse this product first by directing spray into corners, under pallets and around stacks of packaged foods hitting as many insects as possible and then treat as a space spray. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Use a dosage of ½ fluid ounce per 1,000 cubic feet (0.53 ml/m<sup>3</sup>) of space. This application will kill accessible, exposed stages of those stored product pests listed above. Sweep up and destroy fallen insects. Do not apply more than once every 4 days.

**FOR USE IN MEAT AND POULTRY PROCESSING FACILITIES:** For kill of exposed or accessible stages of ANTS, EARWIGS, FLIES, FRUIT FLIES, GNATS, SILVERFISH, SMALL FLYING MOTHS, SPIDERS AND WATERBUGS. Dilute 1 part concentrate with 3 parts base oil (refined kerosene) and use with ULV spraying device at the rate of 1 ounce per 1,000 cubic feet (1 ml/m<sup>3</sup>) of room space. Contact as many insects as possible. Before using, exposed food products and packaging materials must be covered or removed. After use, equipment and utensils must be washed with an effective cleaning compound and rinsed with potable water after use of the product. Use as a space spray only when plant is not in operation.

**NOTE:** When using oil as the diluent, an odorless light petroleum hydrocarbon as defined by CFR Title 21, 172.884 should be used for all food area and food related applications.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Do not store near heat or open flame. Keep this product in its tightly closed original container when not in use. Store this product in a warm, dry (preferably locked) place away from food and pet food, and in an 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 DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

### [For totes/55 gal containers]

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 drip.

[For containers with capacities equal to or less than 5 gallons:]

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 ¼ full with the same oil used to dilute the product for use 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.

[For containers with capacities greater than 5 gallons:]

Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with the same oil used to dilute the product for use. 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 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. 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.

### [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 this 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.