

1021-1812

4-8-2005

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004

EPA Reg. Number:

Date of Issuance:

1021-1812

APR - 8 2005

NOTICE OF PESTICIDE:

Registration  
 Reregistration

Term of Issuance:

Conditional

(under FIFRA, as amended)

Multicide Fogging  
Concentrate 2651

Name and Address of Registrant (include ZIP Code):

McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427-4372

**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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/re-registration of your product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration No. 1021- 1812"

b. Delete "combustible" from the physical/chemical hazards statement. Based on the flash point for this product (greater than 150 degrees F) this statement is not required.

Signature of Approving Official:

Date:

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c. Add an asterisk above the pest name Grain Mites, Clover Mites, Lice, Cheeses Mites and scorpions and an asterisk with the following statement \* Indicates pest is not registered for control in California.

3. Submit two (2) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Enclosure

MULTICIDE® Fogging Concentrate 2651

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.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
APR - 8 2005  
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 1021-1812

ACTIVE INGREDIENTS:

* (RS)-2-Methyl-4-oxo-3-(2-propynyl) cyclopent-2-enyl-(1RS)-cis, trans-chrysanthemate .....	2.00%
** Piperonyl butoxide, Technical .....	4.00%
*** N-Octyl bicycloheptene dicarboximide .....	6.67%
**** INERT INGREDIENTS .....	87.33%
	<hr/> 100.00%

- \* ETOC®
  - \*\* Equivalent to 3.20% (butylcarbityl) (6-propylpiperonyl) ether and 0.80% related compounds.
  - \*\*\* MGK® 264, Insecticide Synergist
  - \*\*\*\* Contains petroleum distillate
- MGK® and MULTICIDE - 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 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.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
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 INHALED:	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
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 information regarding medical emergencies or pesticide incidents, call the International Poison Center at 1-888-740-8712.	

PRECAUTIONARY STATEMENTS

**CAUTION**

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if absorbed through skin and inhaled. Avoid contact with skin and clothing and inhaling vapor or spray mists. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Remove pets and birds and cover fish aquariums before spraying.

Do not allow children or pets to contact treated surfaces until spray has dried.

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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

COMBUSTIBLE. Do not use or store near heat or open flame.

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## DIRECTIONS FOR USE

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

### FOOD HANDLING ESTABLISHMENT APPLICATIONS

Do not apply directly to food. In a Federally inspected meat and poultry plant, the facility must not be in operation when this product is used, regardless of the method of application. In non-Federally inspected facilities, careful spot and/or crack and crevice application may be used while the facility is in operation provided exposed food is covered or removed from the area being treated prior to application. Space sprays and general surface treatments may be used only when the facility is not in operation provided food has been covered or removed from the area being treated prior to application.

Cover or remove all food processing surfaces and/or handling equipment during application. Thoroughly wash all food processing surfaces before reuse. After application in bakeries, meat packing plants, food processing plants, cafeterias, and similar facilities wash all benches, shelving, equipment, etc. where exposed food will be handled with an effective cleaning compound followed by a potable water rinse to remove all traces of contamination.

**NON-FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS.** For use in non-food areas of food processing plants, schools, warehouses, theatres, 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.

This product should be used as directed for the control of, but not limited to, 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, 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, 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, Stink Bugs, Scorpions, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Stable Flies, Tobacco Moths, Vinegar Flies, Warehouse Beetles, Wasps, Yellow Jackets and other similar insects.

**RESTRICTION:** Product cannot be used: 1) in areas where livestock animals (human food animals) are housed or fed; 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.

### **INDOOR USE AREAS**

Do not apply to classrooms when in use.

Do not use in aircraft cabins.

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

Do not use undiluted space spray in homes, apartments, condominiums and schools.

For use in and around, but not limited to, such areas as: Apartments, Arcades, Auditoriums, Bakeries, Beverage Plants, Bars, Basements, Bathrooms, Boats, Bottling Plants, Breweries, Brewery Warehouses, Buildings, Busses, Cabins, Cabinets, Cafeterias, Carpets, Campers, Canneries, Churches, City Missions, Circus Tents, Closets, Communication Centers, Condominiums, Concession Stands, Court Houses, Day Care Centers, Department Stores, Diners, Dog Houses, Drug Stores, Dumpsters, Egg Processing Plants, Freight Containers, Fruit Packing Sheds, Garbage Bins, Garbage Cans, Garbage compactors, Garbage trucks, Gas Stations, Grain Elevators, Grain Harvesting & Handling Equipment, Garages, Grain Mills, Granaries, Grocery Stores, Homes (Households), Hospices, Hospitals, Hotels, Industrial Installations, Institutions, Jails, Laboratories, Laundromats, Lavatories, Libraries, Liquor Stores, Locker Rooms, Marinas, Mills, Mausoleums, Meat Packing Plants, Mini-Storages, Mobile Homes, Morgues, Motels, Movie Theatres, Museums, Mushroom Processing, Nursing Homes, Office Buildings, Parking Garages, Passenger Railroad Cars, Pool Halls, Planes, Prisons, Public Storages, Rabbit Processing Plants, Recreational Vehicles (RV's), Restaurants, Retail Stores, Rice Mills, Schools, Smoke Shops, Storage Bins, Stored Food in Multi-walled Paper or Cloth Bags, Stores, Supermarkets, Textile Mills & Warehouses, Theatres, 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.

**GENERAL:** 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, Box Elder 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 Meal Worms, Drugstore Beetles, Grain Mites, Granary Weevils, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Spider Beetles, Tobacco Moths and Yellow Meal Worms: 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 ounce of undiluted concentrate per 1,000 cubic feet of space. Direct output from aerosol generator toward upper corners of room and ceiling. Leave room closed for 1/2 hour and ventilate thoroughly before re-entry. Do not apply this undiluted spray in facilities operating under USDA meat, poultry, and shell egg grading and egg products inspection programs. 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 1/2 fluid ounces per 1,000 cubic feet 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 ventilate area before re-entry. Do not apply this undiluted spray in facilities operating under USDA meat, poultry, shell egg grading and egg products inspection programs. The facility must not be in operation when used as a space spray or general surface treatment.

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**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 ounces per gallon and mix well. Apply at the rate of 50 fluid ounces dilute spray (.4 gallons) per 25,000 cubic feet of space. Direct fog upward towards upper corners of room and ceiling area. Leave room closed for 1/2 hour. Do not remain in treated area. Ventilate room thoroughly 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 ounces per gallon 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 space. Do not apply more than once every 4 days for control.

**To Kill Carpet Beetles:** Dilute concentrate with oil at the rate of 1 part concentrate plus 29 parts of oil or 4.5 ounces per gallon and mix well. Apply to floor areas and baseboards. Treat both the underside and top side 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 - To insure maximum control of 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 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. Treat unloading, handling and processing areas and inside conveying, processing and handling equipment. Spray thoroughly around the base of heavy machinery and equipment. Spray insects directly when possible.

**SPOT AND CRACK AND CREVICE TREATMENT: To insure maximum control of 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 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 control of Angoumois Grain Moths, Cadelles, Cheese Mites, Cheese Skippers, Cigarette Beetles, Confused Flour Beetles, Dark Meal Worms, Grain Mites, Granary Weevils, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Yellow Meal Worms:** Remove and destroy infested products. Dilute concentrate with oil at the rate of 1 part concentrate plus 29 parts oil or 4.5 ounces per gallon and mix well. Disperse this product first by directing spray into corners, under pallets and around stacks of packaged foods hitting as many insects accessible 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 1/2 fluid ounce per 1,000 cubic feet of space. Do not remain in treated areas and ventilate the area before re-entry. 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 control.

**FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS:** For control 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 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. Additionally, when diluted and used according to label directions, this spray will meet specifications for use under USDA meat, poultry, shell egg grading and egg products inspection programs.

**STORAGE AND DISPOSAL**

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

**STORAGE:** Store in a cool, dry place. Keep container closed.

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

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other approved State and Local procedures.

Net Contents \_\_\_\_\_  
Manufactured by:  
Mc LAUGHLIN GORMLEY KING COMPANY  
8810 Tenth Avenue North  
Minneapolis, MN 55427