

1021-1812

08/21/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D C 20460-0001

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 21, 2012

Mr Thomas A Lennan
Regulatory Affairs Specialist
McLaughlin Gormley King Company
8810 Tenth Avenue North
Minneapolis, MN 55427-4319

Subject **Acceptance of Amended Reregistration Label**
Product Name MULTICIDE® Fogging Concentrate 2651
EPA Registration Number 1021-1812
EPA Decision Number(s) D410923 & D414456
Your E-Resubmission Dated August 21, 2012

Dear Mr Lennan

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the referenced product in connection with the **REDs for MGK® 264 Insecticide Synergist and Piperonyl Butoxide**, and has concluded that your submission is acceptable

Please note that the record for this product currently contains the CSFs listed below Any previously dated CSFs are superseded

- Basic CSF, dated July 8, 2010
- Alternate CSF "A", dated July 8, 2010

PLEASE NOTE This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time

A copy of your label stamped "Accepted" is enclosed for your records Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of FIFRA

If you have any questions about this letter, please contact Mr Carmen J Rodia, Jr at (703) 306-0327 or via e-mail at Rodia.Carmen@epa.gov or Mr Richard J Gebken at (703) 305-6701 or via e-mail at Gebken.Richard@epa.gov during the hours of 9 00 A M to 5 30 P M EST

Sincerely Yours,

Richard J Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

Attachments *Label stamped Accepted*
Acute Toxicity Review dated April 30 2010
Product Chemistry Review #1, dated August 5 2010
Product Chemistry Review #2 dated September 7 2010

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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

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%

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
ETOC® Registered trademark of Sumitomo Chemical Corp Ltd Japan

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
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
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 _____

ACCEPTED

August 21, 2012

**Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for the
pesticide registered under**

EPA Reg No 1021-1812

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 laminated 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 sleeve 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 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 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/container, 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 run off 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 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 Saw toothed 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

INDOOR USE AREAS

For use in indoor areas such 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 Food Handling Establishments 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 Non Food Areas of Food Handling Establishments 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

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

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 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 fluid ounce of undiluted concentrate per 1 000 cubic feet (1 ml/m³) of space Direct output from aerosol generator toward upper corners of room and ceiling Leave room closed for 1/2 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

1/2 fluid ounces per 1 000 cubic feet (0.53 ml/m³) 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 dilute spray per 1 000 cubic feet (2.1 ml/m³) of space or 50 fluid ounces dilute spray (4 gallons) per 25 000 cubic feet (2.1 ml/m³) 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. 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 Saw toothed 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/m²) 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/m²) 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/m²) 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 Meal Worms Grain Mites Granary Weevils Indian Meal Moths Mediterranean Flour Moths Red Flour Beetles Rice Weevils Saw toothed 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 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 1/2 fluid ounce per 1 000 cubic feet (0.53 ml/m³) 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/m³) 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 stator or local governments or by industry)

CONTAINER DISPOSAL Nonrefillable container Do not reuse or refill this container Triple rinse container (or equivalent) promptly after emptying

[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 / full with 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 the state and local authorities