

1021-1177

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

FEB 17 2012

Mr. Steve Ditto
McLaughlin Gormley King Company
8810 Tenth Avenue North
Minneapolis, MN 55427-4372

Subject: Label Notification(s) for Pesticide Registration Notice 98-10

Dear Mr. Ditto:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated January 30, 2012 for the following product(s):

PYROCIDE® Fogging Concentrate
5628

Reg. No. 1021-1177

The Registration Division (RD) has conducted a review of this request for applicability under PR Notice 98-10 and finds that the label change(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please contact Linda A. DeLuise at 703-305-5428.

Sincerely,

A handwritten signature in cursive script, appearing to read "Linda A. DeLuise".

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

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Users must wear long sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves, such as nitrile or butyl. Users should wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Obtain medical attention if irritation persists. Avoid contamination of food or feedstuffs.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and other wildlife. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment wash waters or rinsate. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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.

Avoid contamination of food or feedstuffs.

Remove pets and birds and cover fish aquariums before spraying.

READ ALL DIRECTIONS COMPLETELY BEFORE USE.

In Hospitals: Patients should be removed from room prior to treatment. Rooms should be ventilated for two hours after spraying. Do not return patients to room until after ventilation.

GENERAL: This concentrate is designed for use undiluted in mechanical sprayers that gives particles of aerosol size. It can be diluted with refined kerosenes, which meet Food Additive Regulation as defined by CFR Title 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.

[Do not apply directly to food. Do not apply 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 a potable water rinse. In the home all food processing surfaces, dishes and utensils should be covered during treatment or thoroughly washed before use.]

Cover or remove all food. Do not apply directly to food. Do not apply space spray while food processing is underway. Cover or remove all food processing surfaces. Thoroughly wash all food processing surfaces before reuse. After spraying in bakeries, meat packing plants, food processing plants, etc., all benches, shelving, equipment, etc. where food will be handled must be washed with an effective cleaning compound followed by a potable water rinse prior to use.

INDOOR AREAS for use in and around [such as]:

- | | | |
|---------------------------|-----------------------|---------------------------------------|
| Animal Areas and Quarters | Churches | Freight Containers |
| Animal Control Centers | Circus Tents | Fruit Packing Sheds |
| Animal Shelters | City Missions | Funeral Parlors |
| Apartments | Closets | Garages |
| Arcades | Club House | Garbage Bins |
| Attics | Commercial Buildings | Garbage Cans |
| Auditoriums | Communication Centers | Garbage Compactors |
| Bakeries | Concession Stands | Garbage Trucks |
| Bars | Condominiums | Gas Stations |
| Basements | Court Houses | Grain Elevators |
| Bathrooms | Crawl Spaces | Grain Harvesting & Handling Equipment |
| Beverage Plants | Crematoriums | Grain Mills |
| Boats | Day Care Centers | Granaries |
| Bottling Plants | Delicatessens | Grocery Stores |
| Breweries | Department Stores | Homes |
| Brewery Warehouses | Diners | Horse Stables & Barns |
| Buildings | Dog Houses | Horse Trailers |
| Buses | Drug Stores | Hospices |
| Cabinets | Dumpsters | Hospitals |
| Cabins | Dwellings | Hotels |
| Cafeterias | Egg Processing Plants | Indoor Eating Establishments |
| Campers | Factories | Industrial Installations |
| Canneries | False Ceilings | |

Institutional Dining Areas
 Institutions
 Jails
 Kennels
 Laboratories
 Laundromats
 Lavatories
 Libraries
 Liquor Stores
 Locker Rooms
 Marinas
 Mausoleums
 Meat Packing Plants
 Mess Halls
 Mini-Storages
 Mobile Canteens
 Mobile Homes
 Morgues
 Mortuaries
 Motels
 Movie Theaters
 Museums
 Nursing Homes

Office Buildings
 Other Public Buildings
 Parking Garages
 Pool Halls
 Prisons
 Public Storage
 Railroad Cars
 Recreational Vehicles
 Research Animal Quarters
 Restaurants
 Retail Stores
 Rice Mills
 Schools
 Ship Halls
 Ships
 Smoke Shops
 Sports Stadiums
 Stables
 Storage Bins (areas)
 Stored Food in Multi-walled Paper or Cloth Bags
 Stores
 Supermarkets

Taverns
 Textile Mills & Warehouses
 Theaters
 Tobacco Factories
 Tobacco Warehouses
 Tool Sheds
 Trains
 Transportation Equipment
 Truck Trailers
 Trucks
 Tunnels
 Utilities
 Utility Rooms
 Vending Machines
 Veterinary Hospitals
 Wall and Equipment Voids
 Warehouses
 Washrooms
 Wholesale Stores
 Wine Cellars
 Wineries and Zoos

TO KILL THE FOLLOWING INSECTS including [such as]:

Almond Moths
 Angoumois Grain Moths
 Ants
 Black Fly
 Boxelder Bugs
 Brown Dog Ticks
 Cadelles
 Carpet Beetles
 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
 Deer Flies
 Dermestid Beetles
 Dried Fruit Beetle

Drugstore Beetles
 Earwigs
 Face Fly
 Firebrat
 Flat Grain Beetles
 Fleas
 Flies
 Fruit Flies
 Gnats
 Grain Mites
 Granary Weevils
 Horn Flies
 Hornets
 Horseflies
 Indian Meal Moths
 Khapra Beetles
 Lesser Grain Borers
 Lesser House Fly
 Mediterranean Flour Moths
 Merchant Grain Beetle
 Midges
 Miller Moths
 Millipedes
 Mosquitoes

Flying Moths
 Palmetto Bugs
 Pillbugs
 Red Flour Beetles
 Rice Flour Beetles
 Rusty Grain Beetles
 Saw-toothed Grain Beetle
 Silverfish
 Skipper Fly
 Spiders
 Spider Beetles
 Stable Flies
 Sowbugs
 Ticks
 Ticks that may carry and transmit Lyme Disease
 Tobacco Moths
 Warehouse Beetles
 Wasps
 Waterbugs
 Yellow Jackdges
 Yellow Mealworms.

INDOOR USE – UNDILUTED

ULV AND SPACE SPRAY: Use in aerosol generators to kill exposed accessible stages of: Flies (including Fruit Flies), Mosquitoes, Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Clover Mites, Cheese Mites, Cheese Skippers, Boxelder Bugs, Earwigs, Ants and the following common Stored Product Pests: Granary Weevils, Rice Weevils, Confused Flour Beetles, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Meal Worms, Dark Meal Worms, Grain Mites, Cadelles and Red Flour Beetles: 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 undiluted concentrate per 1,000 cubic feet of space (1.04 ml/m³). Direct spray towards ceiling and upper corners of room. Leave room closed for 1/2 hour and ventilate thoroughly before re-entry. Do not apply this undiluted spray in facilities operating under Federal Meat, Poultry, Shell Egg Grading, and Egg Products Inspection Programs.

CONTACT AND SPACE SPRAY: To kill Cockroaches, Silverfish, Earwigs, Ants, Spiders, use a mechanical aerosol generator or a fogger. Direct the spray first into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harborage areas, walls, floors, underneath sinks, behind pipes and in all places that harbor insects to provide maximum penetration and impingement on the insects. Contact as many insects as possible. Do not allow spray to contact stored food. Then treat as a space spray. Apply at the rate of 1 fluid ounce per 1,000 cubic feet (1.04 ml/m³) of space. Vacate treated area and leave the room closed for 1/2 hour. Ventilate thoroughly before re-entry. Do not apply this undiluted spray in facilities operating under Federal Meat, Poultry, Shell Egg Grading, and Egg Products Inspection Programs.

NOTE: If there is a need to treat such areas as conduits, motor housings, junction and switch boxes or other electrical equipment, turn off electrical equipment prior to application. After application, allow time for oil to dissipate before starting motors or placing switches in the "ON" position.

TREATMENT OF STORED FOOD AREAS: Foods in multi-walled bags, cloth bags or other packaging stored in such areas as listed areas to kill accessible adult stages of, Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, Khapra Beetle and other listed pests. Infested stored products should be destroyed, fumigated, or treated by other effective methods using an approved product intended for this purpose. As noted above, disperse first by directing spray into cracks and crevices, corners, pallets and around stacks of packaged goods hitting as many insects as possible and then apply as a space spray at a dosage of 1/2 fluid ounce per 1,000 cubic feet (0.52 ml/m³) of room space. Repeat application as necessary for insect kill. Do not remain in treated area and ventilate before re-entry.

ON PEANUTS, NUTS, BEANS, (INCLUDING COCOA), SEEDS AND COPRA IN BAGS OR OTHER PACKAGING: To kill accessible stages of, Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, Khapra Beetles and other listed insects apply to the surface of stored or bagged products. Also spray walls, floors and other surfaces, storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Then apply as a space spray at the rate of 1/2 fluid ounce per 1,000 cubic feet (0.52 ml/m³) of space by directing the spray toward the ceiling and upper corners of the area and behind any obstructions.

Contact and Space Spray – Undiluted Spot Spray – To Kill Cockroaches: Using an appropriate ULV spraying device, inject the aerosol spray directly into cracks and crevices to completely fill wall, equipment, and other small structural void areas. Leave room ventilation or air conditioning equipment on during application. Except in hospitals, as noted above, the room can be reentered immediately after applications are complete.

INDOOR USE – DILUTED

SPACE SPRAY: For use in mechanical fogging, thermal fogging or spraying equipment to kill accessible stages of Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, and Khapra Beetles. Remove or cover exposed food and cover food handling surfaces in edible product areas of food handling establishments. Close room and shut off all air conditioning or ventilating equipment. Dilute concentrate with a white mineral oil conforming to Regulation 21 CFR 121.2589(b) or an odorless light petroleum hydrocarbon conforming to 121.1182 at the rate of one part concentrate to two parts oil and mix well. Apply at the rate of 1 fluid ounce per 1,000 cubic feet (1.04 ml/m³) of space, filling the room with mist. Vacate treated area and ventilate before re-entry. Repeat treatment as necessary.

SURFACE SPRAY: To kill accessible stages of: Ants, Drugstore Beetles, Earwigs, Cockroaches, Silverfish, Beetles, Boxelder Bugs, Clover Mites, Crickets and other listed insects, dilute in a range of 1 part concentrate plus 2.25 parts suitable diluent for clean out to 1 part concentrate plus 29 parts suitable diluent for maintenance, mix well, and apply as a coarse wetting spray using approximately 1 gallon of spray mixture per 750 square feet (54 ml/m²) of surface. To ensure maximum control of listed crawling insects, spray thoroughly into all cracks, molding, crevices, walls, floors and other surfaces, storage and handling areas. Particular attention should be paid to areas where moisture collects such as drains, sinks, and water pipes, around the base of heavy machinery and equipment contacting as many insects as possible. ANTS: Spray directly into nests, along trails, and directly on all ants observed. Repeat as necessary.

FOR USE IN TRANSIT PROTECTION: To kill accessible stages of listed insects, clean and spray truck beds, boxcars, ships holds and other listed transit equipment before loading. Thoroughly treat walls and floors. Spray each layer of cartons or containers lightly as stacked. Apply diluted spray at the rate of 1 gallon per 1,000 square feet (40 ml/m²). To kill INDIAN MEAL WORMS and ANGOUMOIS GRAIN MOTHS in stored grain, apply to the surface of binned grain at a rate of 1 gallon per 1,000 square feet (40 ml/m²). Apply at monthly intervals with the first appearance of moths and continuing until early fall. In case of severe infestation, break up webbing before spraying and make a second application in two weeks.

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 (35.7 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 feet (40 ml/m²) of space. Force spray into all cracks and crevices.

DRIED FRUIT PRODUCTS in storage or being processed, to kill CONFUSED FLOUR BEETLES, DRIED FRUIT BEETLES, INDIAN MEAL MOTHS, AND SAW-TOOTHED GRAIN BEETLES: 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 (35.7 ml/L) and mix well. Disperse this product as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Use one-half fluid ounce per 1,000 cubic feet (0.52 ml/m³)

of space. Repeat application at this dosage in any given month. Leave the room closed for one hour. Do not remain in treated areas and ventilate the area before re-entry. Sweep up and destroy fallen insects.

STORED FOOD: (Stored in multi-wall bags or cloth bags) in flour mills, grain elevators, granaries, storage rooms, warehouses to kill 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 (35.7 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 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. Then treat as a space spray. Use a dosage of one-half fluid ounce per 1,000 cubic feet (0.52 ml/m³) of space. Do not remain in treated areas and ventilate area before re-entry. This application will kill accessible, exposed stages of those stored product pests listed above. Sweep up and destroy fallen insects.

Zoos: As a space spray diluted for use in conventional mechanical fogging equipment to kill FLIES, GNATS, MOSQUITOES, SMALL FLYING MOTHS: dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply at a rate of 2 fluid ounces per 1,000 cubic feet (2.08 ml/m³) of space above the animals. Direct spray towards upper portions of the enclosure, filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS: Dilute one part concentrate with 3 parts base oil (refined kerosene) and use with a ULV spraying device at the rate of one fluid ounce per 1,000 cubic feet (1.04 ml/m³) of room space. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects shelter. Contact as many insects as possible. Repeat as necessary to kill exposed or accessible stages of ANTS, EARWIGS, FLIES, FRUIT FLIES, GNATS, MOSQUITOES, SILVERFISH, SMALL FLYING MOTHS, SPIDERS, AND WATERBUGS. Before spraying, exposed food products and packaging materials must be covered or removed. After spraying, equipment and utensils must be washed with an effective cleaning compound and rinsed with potable water prior to use. 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 Federal meat, poultry, and shell egg grading, and egg products inspection programs.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Storage in a cool, dry area. Always store pesticides in the original container. Store away from food and pet food.

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 HANDLING:

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill.

Triple Rinse as follows [for containers of 5 Gallons (18.9 L) or less]: 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 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.

Triple Rinse as follows [for containers greater than 5 Gallons (18.9 L)]: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. 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.



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