

1021-1177

10/29/2012

1/9



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

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

OCT 29 2012

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 October 1, 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 black ink, appearing to read "Richard J. Gebken".

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



	United States Environmental Protection Agency Washington, DC 20460	Registration Amendment Other	OPP Identifier Number
	X		

**Application for Pesticide - Section I**

1. Company/Product Number 1021-1177	2. EPA Product Manager Richard Gebken	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PYROCIDE® Fogging Concentrate 5628	PM# 10	
5. Name and Address of Applicant (Include Zip Code) McLAUGHLIN GORMLEY KING COMPANY 8810 TENTH AVENUE NORTH MINNEAPOLIS, MN 55427  <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____ Product Name _____

NOTIFICATION  
OCT 29 2012

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application. _____
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification to remove duplicate text.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
*Certification must be submitted		If "Yes" Unit Packaging wgt. 4X1 Gallon 2X2.5 Gallon	No. per container 1X5 Gallon 1X55 Gallon	If "Yes" Package wgt.	No. per container  <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
3. Location of Net Contents information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 Gallon                      5 Gallon 2.5 Gallon                    55 Gallon		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Thomas A. Lennan	Title Regulatory Affairs Specialist	Telephone No. (Include Area Code) (763) 544-0341
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature 		
3. Title Regulatory Affairs Specialist	4. Typed Name Thomas A. Lennan	
5. Date 10/1/2012		





October 1, 2012

Document Processing Desk (NOTIF)  
U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs (H7504P)  
Room S-4900, One Potomac Yard  
2777 South Crystal Dr.  
Arlington, VA 22202-4501

Via Courier

Subject: PYROCIDE® Fogging Concentrate 5628  
EPA Reg. No. 1021-1177  
Notification Per PR-Notice 98-10

Dear Sir or Madam:

By Notification we are deleting language in the body of the label that is duplicative to the text under the use restrictions heading at the beginning of the label. We are also making some grammatical corrections to the label.

Enclosed are 2 copies of the label. One copy has changes highlighted.

Notification of label change per PR Notice 98-10. This notification is consistent with the guidance in PR Notice 98-10 and the requirements of EPA's regulations at 40 CFR 152.46. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C Sec. 1001 to willfully make any false statement to EPA. I further understand that if the notification is not consistent with the requirements of PR Notice 98-10 and 40 CFR 152.46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

If there are any questions or you need anything further, please contact this office.

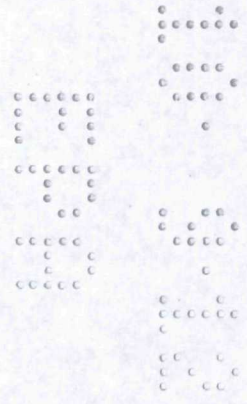
Sincerely,

McLAUGHLIN GORMLEY KING COMPANY

Thomas A. Lennan  
Regulatory Affairs Specialist

Enclosure

8810 Tenth Avenue North  
Minneapolis, MN 55427  
TOLL FREE 800.645.6466  
TEL 763.544.0341  
FAX 763.544.6437  
WWW.MGK.COM





4/9

# PYROCID<sup>®</sup> Fogging Concentrate

## 5628

[ ] OR ( ) indicates alternate or optional wording  
For use indoors as a ULV, space, area, contact spray or thermal fog for listed insects in areas specified on the label.  
Effective and fast-acting  
Provides flushing action and quick knockdown for indoor use as a ULV, space, area, or contact spray.

**ACTIVE INGREDIENTS:**

Pyrethrins.....	3.00%
* Piperonyl butoxide .....	6.00%
** N-Octyl bicycloheptene dicarboximide.....	9.57%
*** OTHER INGREDIENTS.....	81.43%
	100.00%

- \* (butylcarbityl) (6-propylpiperonyl) ether and related compounds.
- \*\* MGK<sup>®</sup> 264, Insecticide Synergist
- \*\*\* Contains petroleum distillates

PYROCID, MGK<sup>®</sup> - Registered trademarks of McLaughlin Gormley King Company

**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 a 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>
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:

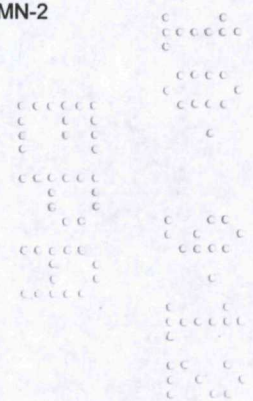


8810 Tenth Avenue North  
Minneapolis, MN 55427

EPA Reg. No. 1021-1177

EPA Est. No. 1021-MN-2

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



**NOTIFICATION**

OCT 29 2012



**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. 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.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

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

- Long-sleeve shirt,
- Long pants
- Shoes and socks, and
- Chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber or viton.

In addition to the above PPE, applicators using a high pressure handwand in an enclosed area must wear at least a NIOSH-approved respirator with:

- A dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or
- Any N, R,P, or HE filter.

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 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**

User 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.  
 User 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.

**ENVIRONMENTAL HAZARDS**

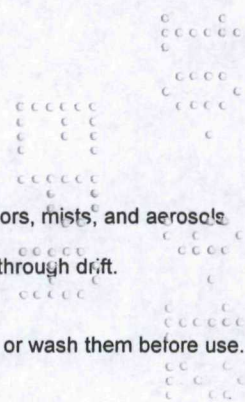
Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. 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.



**GENERAL PRECAUTIONS AND RESTRICTIONS**

- Do not enter or allow others to enter until sprays have dried.
- Not for use in outdoor residential misting systems.
- 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.
- 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.
- 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.
- Direct application to food contact surfaces is prohibited.
- Do not use in aircraft cabins.
- Do not apply more than 1 time per day.



- Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors and mists have dispersed.
- Avoid contamination of food or feedstuffs.
- Remove pets and birds and cover fish aquariums before spraying.
- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
- 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.

**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 listed shown later on this label.

~~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, Animal Shelters, Animal Control Centers, Apartments, Arcades, Attics, Auditoriums, Bakeries, Beverage Plants, Bars, Basements, Bathrooms, Boats, Bottling Plants, Breweries, Brewery Warehouses, Buildings, Buses, Cabins, Cabinets, Cafeterias, Campers, Canneries, Churches, City Missions, Circus Tents, Closets, Club House, Commercial Buildings, Communication Centers, Condominiums, Concession Stands, Court Houses, Crawl Spaces, Crematoriums, Day Care Centers, Delicatessens, Department Stores, Diners, Dog Houses, Drug Stores, Dumpsters, Dwellings, Egg Processing Plants, Factories, False Ceilings, Freight Containers, Fruit Packing Sheds, Funeral Parlors, Garbage Bins, Garbage Cans, Garbage Compactors, Garbage Trucks, Gas Stations, Grain Elevators, Grain Harvesting & Handling Equipment, Garages, Grain Mills, Granaries, Grocery Stores, Homes, Horse Stables & Barns, Horse Trailers, Hospices, Hospitals, Hotels, Indoor Eating Establishments, Industrial Installations, 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, Ships, Ship Holds, 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, Trucks, Truck Trailers, 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 Jackets, and 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/m<sup>3</sup>). 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 residential areas or facilities operating under Federal Meat, Poultry, Shell Egg Grading, and Egg Products Inspection Programs.

**CONTACT AND SPACE SPRAY:** To kill Cockroaches, Silverfish, Earwigs, Ants and Spiders, use a mechanical aerosol generator or a fogger. Using no more than 2 fluid ounces per 1,000 square feet, 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/m<sup>3</sup>) 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 residential areas or 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, Using no more than 2 fluid ounces per 1,000 square feet, 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/m<sup>3</sup>) of room space. 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, using no more than 2 fluid ounces per 1,000 square feet, apply to the surface of stored or bagged products. Also spray walls, floors and other surfaces and, 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/m<sup>3</sup>) 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 no more than 10 fluid ounces per 1,000 square feet 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.

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 equivalent rate of 1 fluid ounce of concentrate per 1,000 cubic feet (1.04 ml/m<sup>3</sup>) of space, filling the room with mist. Vacate treated area and ventilate before re-entry.

SURFACE SPRAY: To kill accessible stages of: Ants, Drugstore Beetles, Earwigs, Cockroaches, Silverfish, Beetles, Boxelder Bugs, Clover Mites, Crickets and other listed insects, dilute 2 fluid ounces of concentrate into 1 gallon of suitable diluent for maintenance, mix well, and apply as a coarse wetting spray using 1 gallon of spray mixture per 1,000 square feet (40 ml/m<sup>2</sup>) of surface. To ensure maximum control of listed crawling insects, spray thoroughly into all cracks, molding, crevices, walls, floors, and other surfaces and, 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. Dilute 2 fluid ounces of concentrate into 1 gallon of suitable diluents. 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/m<sup>2</sup>). 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/m<sup>2</sup>). 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 63 parts of oil or 2 fluid ounces per gallon (15.6 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/m<sup>2</sup>) 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 13 fluid ounces of this diluted product as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Application rate is equivalent to use one-half fluid ounce of concentrate per 1,000 cubic feet (0.52 ml/m<sup>3</sup>) 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.

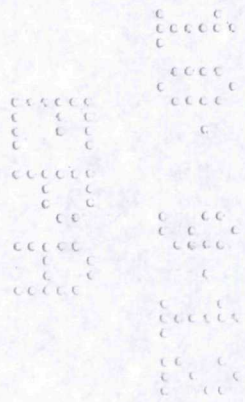
STORED FOOD: (Stored in multi-wall bags or cloth bags) in flour mills, grain elevators, granaries, storage rooms, warehouses to kill ANGOUMOIS GRAIN MOTHS, CADELLES, CHEESE MITES, CHEESE SKIPPERS, CIGARETTE BEETLES, CONFUSED FLOUR BEETLES, DARK MEAL WORMS, GRAIN MITES, GRANARY WEEVILS, INDIAN MEAL MOTHS, MEDITERRANEAN FLOUR MOTHS, RED FLOUR BEETLES, RICE WEEVILS, SAW-TOOTHED GRAIN BEETLES, AND 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 no more than 60 fluid ounces of diluted spray per 1,000 square feet into corners, under pallets, and around stacks of packaged foods hitting as many insects as possible 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 using 6 fluid ounces of the diluted product. Application rate is equivalent to use a dosage of two tenths of a fluid ounce of concentrate per 1,000 cubic feet (1.56 ml/m<sup>3</sup>) 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 AND SMALL FLYING MOTHS: dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply no more than 30 fluid ounces of diluted product per 1,000 cubic feet (2.08 ml/m<sup>3</sup>) of space above the animals. Direct spray towards the 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 application rate of three fluid ounces of diluted product per 1,000 cubic feet (1.04 ml/m<sup>3</sup>) of room space. Apply no more than 6 fluid ounces of the diluted 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.

~~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.~~

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.



NSF Listed. NSF No. [137608]

