

499-453

04/15/2005

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration	OPP Identifier Number
		<input checked="" type="checkbox"/> Amendment	
		<input checked="" type="checkbox"/> Other	

**Application for Pesticide - Section I**

1. Company/Product Number <b>499-453</b>	2. EPA Product Manager <b>Marion Johnson</b>	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>ULD BP-50 Insecticide</b>	PM# <b>10</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>Whitmore Micro - Gen Research Labs, Inc. 3568 Tree Court Industrial Blvd. St. Louis MO 63122-6682</b> <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 _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b> <b>APR 15 2005</b>
<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.)  
*Revision of disposal statement per PRN 2001-6.  
 Addition of "a botanical insecticide" as descriptor for the active ingredient Pyrethrins.*

**Section - III**

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

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name <b>Janna Huebner</b>	Title <b>Registration Specialist</b>	Telephone No. (Include Area Code) <b>636-861-4272</b>
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.		8. Date Application Received (Stamped)
2. Signature <i>Janna Huebner</i>	3. Title <b>Registration Specialist</b>	
4. Typed Name <b>Janna Huebner</b>	5. Date <b>2-22-05</b>	

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**ULD® BP-50**  
**Insecticide**

Designed for Use in Edible Product Areas of Official Establishments Operating Under the Federal Meat, Poultry, Shell Egg Grading and Egg Products Inspection Programs and in Other Food Processing Plants.  
See supplemental label for additional use sites.

**ACTIVE INGREDIENT:**

Pyrethrins, a botanical insecticide.....	0.5%
Piperonyl butoxide, technical* .....	5.0%
<b>OTHER INGREDIENTS:</b> .....	<b>94.5%</b>
Contains Petroleum Distillate	<b>TOTAL: 100.0%</b>

\* Equivalent to 4.0% (Butylcarbityl)(6-Propylpiperonyl) Ether and 1.0% related compounds

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See back panel for additional Precautionary Statements.

EPA Reg. No. 499-453 • EPA Est. No. 499-MO-1

**ULTRA LOW DOSAGE THROUGH MICRON GENERATION**

**NET CONTENTS:**



**WHITMIRE MICRO-GEN**  
RESEARCH LABORATORIES, INC.  
800-777-8570

**NOTIFICATION**

**APR 15 2005**



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### PRECAUTIONARY STATEMENTS

#### FIRST AID

**IF SWALLOWED:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give ANY liquid to the person. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call 1-800-225-3320 for emergency medical treatment information.

**NOTE TO PHYSICIAN:** Contains petroleum distillate - vomiting may cause aspiration pneumonia.

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling. Do not apply directly to food. Foods should be removed or covered during treatment. All food processing surfaces and equipment should be covered during treatment or washed with an effective cleaning compound followed by a potable water rinse. Do not apply while food processing is underway. In the home, all food processing surfaces, dishes and utensils should be covered during treatment, or thoroughly washed before use. Remove pets, birds, and cover fish aquariums and turn off air pump motor before spraying.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Note: Some furniture finishes and particularly plastics can be damaged by petroleum based insecticides. To avoid damage, cover those items and do not spray directly. If in doubt, test by applying this material to an inconspicuous area before spraying.

### DIRECTIONS FOR USE

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.**

See additional labeling for complete Directions for Use.

Dependent upon insects to be controlled and the area to be treated, this product may be applied through mechanical aerosol or ULV generators, such as Whitmire Micro-Gen equipment, as well as thermal and conventional fogging or spraying equipment.

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container in secured dry storage area. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

**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:

**1 Gallon or 2.5 Gallon Bottles -** Empty container by using the product in accordance with the label directions. Do not reuse this container! Place empty container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency or call 1-800-CLEANUP for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

**55 Gallon Drum -** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.)

**A PRESCRIPTION TREATMENT® brand insecticide from:**  
Whitmire Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Industrial Blvd.  
St. Louis MO 63122-6682  
www.wmmg.com

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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.**

Dependent upon insects to be controlled and the area to be treated, this product may be applied through mechanical aerosol or ULV generators, such as Whitmire Micro-Gen equipment, as well as thermal and conventional fogging or spraying equipment.

**SPACE SPRAY - Indoor:** For control of accessible, exposed stages of flies, including fruit flies, mosquitoes, small flying moths, gnats, wasps, hornets, cheese skippers, and these 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, meal worms, and grain mites. Close windows and doors and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns). Apply at the rate of 1 ounce per 1,000 cubic feet of space. Direct the spray toward the ceiling and upper corners of the area behind obstructions. For best control of wasps and hornets, apply directly to nests in the evening when the insects have returned to nests. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before re-occupying. Repeat treatment as necessary.

**SPACE AND CONTACT SPRAY:** Use full strength or dilute as desired according to dilution table and apply through equipment which can deliver a pin stream spray. For control of accessible exposed stages of silverfish, crickets, roaches, spiders, scorpions, clover mites, cheese mites, earwigs, and ants, first using equipment which can deliver a pin stream spray, direct spray in all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects are known to seek shelter. Contact as many insects as possible, spray directly all ant trails. Do not allow spray to contact stored food. Then, shutting all doors, windows, and shutting off all ventilating systems proceed with space spraying directions as given above. Use a dosage rate of 1 ounce per 1,000 cubic feet of space or if diluted 1-2 ounces per 1,000 cubic feet. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before re-occupying. Repeat treatment as necessary.

**DILUTION:** Use a white mineral oil conforming to regulation 21 CFR 121.2589(b) or an odorless light petroleum hydrocarbon conforming to 121.1182. Combine oil and BP-50 as directed below and mix well just prior to application.

<u>Pyrethrin % Desired</u>	<u>Mixture Rate</u>	<u>Application Rate Per 1,000 Cu. Ft.</u>
0.30	3 Part Conc. to 2 Parts Oil	1-2 oz.
0.15	3 Part Conc. to 7 Parts Oil	1-2 oz.

### DEEP VOID CRACK & CREVICE® APPLICATION

To flush and kill insects harbored in deep voids and behind cracks and crevices.

**Spot Application:** With equipment designed for deep void Ultra Low Volume (ULV) applications, follow the manufacturer's recommendations for proper equipment setup and operating pressures. Place the tip of the applicator at or into the crack and crevice to be treated. Apply product in short bursts while keeping tip in position. Allow the air stream to push insecticide deep into voids. Repeat application as necessary to flush insects from voids. Avoid applying to the point of runoff or drip. Ventilate thoroughly before occupants are allowed to re-enter.

**Linear application along baseboards, trim molding, etc.:** With equipment designed for deep void ULV application, move applicator tip along the crevice to be treated applying a constant burst of insecticide. Move the tip at a steady rate approximately one (1) foot per second. Avoid applying to the point of runoff or drip. Repeat application as necessary to flush insects from the void. Ventilate thoroughly before occupants are allowed to re-enter.

### FOR USE ON ANIMALS

To protect beef and dairy cattle and horses from horn flies, house flies, mosquitoes and gnats, apply a light mist sufficient to wet the tips of the hair. To control stable flies, horse flies and deer flies on beef and dairy cattle and horses, apply 2 oz. per adult animal, sufficient to wet the hair but not to soak the hide.

### IN MUSHROOM PROCESSING

In packing and canning plants, use at a rate of 1 ounce to 2,000 cubic feet of space.

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In addition to other sites listed, ULD BP-50 Insecticide is acceptable for use in the following sites:

**INDOOR:**

Animal areas & quarters	Grain Elevators	Rabbit Houses
Auditoriums	Grain Mills	Railroad Cars
Bakeries	Grain Handling Equipment	Recreational Vehicles
Beverage Plants	Granaries	Research Animal Areas
Boats	Homes	Restaurants
Bottling Plants	Horse Stables/Barns	Restrooms
Brandy Storage Warehouses	Hospices	Rice Mills
Buildings	Industrial Installations	Shade Houses
Buses	Institutions	Ships
Cabins	Jails	Shipholds
Canneries	Laboratories	Stables
Cattle Barns	Libraries	Stable Bins
Churches	Livestock Barns	Stored Food in Multiwalled Paper or
Closets	Loafing Sheds	Clothe Bags
Condominiums	Locker Rooms	Stored Seed Warehouses
Communication Centers	Mills	Stores
Correctional Facilities	Mausoleums	Supermarkets
Dairy & Livestock Barns	Meat Packing Plants	Swine Houses
Dried Fruit Processing Plants	Milk Rooms	Textile Mills & Warehouses
Drains & Sewers	Missions	Theaters
Dried Fruit Warehouses	Mobile Homes	Tobacco Plants
Drugstores	Museums	Tobacco Warehouses
Dumpsters	Mushroom Processing Plants	Townhouses
Dwellings	Nursing Homes	Trains
Egg Processing Plants	Offices	Transportation Equipment
Factories	Office Buildings	Trucks
Flour Mills	Passenger Rail Cars	Truck Trailers
Food Handling Establishments	Peanut Processing Plants	Utilities
Food Processing Plants	Peanut Storage Warehouses	Utility Rooms
Freight Containers	Planes	Voids (Attics, Walls, Ceilings)
Fruit Packing Shed	Poultry Houses	Warehouses
Garbage Cans	Poultry Processing Plants	Wineries
Garbage Compactors	Prisons	Wine Storage Warehouses
Goat Houses	Public Buildings	Zoos
	Rabbit Processing Plants	

ULD BP-50 Insecticide is also effective against the following insects when used according to label directions:

**FLYING INSECTS:**

Flies  
Mosquitoes  
Gnats  
Fruit Flies  
Horse Flies  
House Flies  
Barn Flies  
Stable Flies  
Face Flies  
Skipper Flies  
Deer Flies  
Black Flies  
Horn Flies  
Mushroom Flies  
Fungus Gnats  
Wasps  
Hornets  
Bees  
Vinegar Flies  
Yellow Jackets  
Blow Flies  
Bottle Flies  
Cheese Skippers

**WORMS:**

Dark Mealworms  
Yellow Mealworms  
Lesser Mealworms

**FLEAS AND TICKS:**

Brown Dog Ticks  
Sheep Ticks  
Spinosa Ear Ticks  
Fleas  
Ticks

**BEETLES:**

Black Fungus Beetles  
Drugstore Beetles  
Red Flour Beetles  
Saw-Tooth Grain Beetles  
Spider Beetles  
Carpet Beetles  
Ground Beetles  
Flat Grain Beetles  
Dried Fruit Beetles  
Dermestid Beetles  
Cereal Beetles  
Hide Beetles  
Depressed Flour Beetles

Two Banded Beetles  
Fungus Beetles  
Hairy Fungus Beetles  
Corn Sap Beetles  
Brown Spider Beetles  
White Marked Spider Beetles  
Hairy Spider Beetles  
Trogoderma Beetles  
Red Horned Grain Beetles  
Khapra Beetles  
Merchants Grain Beetles  
Rusty Grain Beetles  
Black Carpet Beetles  
Squarenecked Grain Beetles  
Foreign Grain Beetles  
Mexican Grain Beetles  
American Black Flour Beetles  
Longheaded Flour Beetles  
Slenderhorned Flour Beetles  
Smalleyed Flour Beetles  
Broadhorned Flour Beetles  
Large Black Flour Beetles  
Catorama Beetles  
Murmidius Beetles

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**CRAWLING INSECTS:**

Cockroaches  
Scorpions  
Centipedes  
Sowbugs  
Millipedes  
Pill Bugs  
Water Bugs  
Firebrats  
Bedbugs  
Palmetto Bugs  
Chiggers  
Fire Ants  
Grasshoppers

**SPIDERS & MITES:**

Spiders  
Mites  
Clover Mites

Cheese Mites  
Grain Mites  
Spider Mites  
Red Spider Mites

**WEEVILS:**

Rice Weevils  
Granary Weevils  
Bean Weevils  
Maize Weevils  
Coffee Bean Weevils  
Broadnosed Grain Weevils

**MOTHS:**

Mediterranean Moths  
Clothes Moths  
Almond Moths  
Cocoa Bean Moths  
Chocolate Moths

Rice Moths  
European Grain Moths  
Pink Scavenger Caterpillars

**GRAIN BORERS:**

Lesser Grain Borers  
Larger Grain Borers

**GREENHOUSE & HORTICULTURAL PESTS:**

Aphids  
Cabbage Loopers  
Cabbage Worms  
Chrysanthemum Leaf Miners  
Mealy Bugs  
Thrips  
Vegetable Leaf Miners

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**WHITMIRE MICRO-GEN**  
RESEARCH LABORATORIES, INC.

February 22, 2005

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
Attn: Mr. Marion Johnson (PM Team 10)  
U.S. Environmental Protection Agency  
Room 266A, Crystal Mall #2  
1921 Jefferson Davis Highway  
Arlington, VA 22202-4501

**NOTIFICATION**  
**APR 15 2005**

**RE: Label Notification**  
**ULD BP-50 Insecticide**  
**EPA Reg. No. 499-453**

Dear Mr. Johnson:

Enclosed in support of this action are a completed application and copy of revised labeling for the subject product. The disposal statement has been revised to be consistent with PR Notice 2001-6. Additionally, the statement "a botanical insecticide" has been added as a descriptor to the active ingredient Pyrethrins

This notification is consistent with the guidance set forth in the EPA's regulations at 40 CFR 156.10 and 40 CFR 152.45, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Section 1001 to willfully make any false statements to the EPA. I further understand that if this notification is not consistent with the requirements of 40 CFR 156.10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under section 12 and 14 of FIFRA.

Thank you for your assistance. If you have any questions or require additional materials please do not hesitate to contact me at 636-861-4272 or send electronic mail to [janna.huebner@wmmg.com](mailto:janna.huebner@wmmg.com).

Sincerely,

Janna M. Huebner  
Registration Specialist  
Whitmire Micro-Gen Research Laboratories, Inc.

Enc.

