

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



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 26, 2012

Dana M. Thomas  
Product Regulatory Manager  
Whitmire Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Industrial Blvd.  
St. Louis, MO 63122-6682

Subject: Amended Reregistration Label  
Product Name: ULD BP-300 Insecticide  
EPA Registration Number: 499-450  
EPA Decision Numbers: 411347, 411627, 414065

Dear Ms. Thomas:

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 above referenced product in connection with the pyrethrins, MGK-264, and piperonyl butoxide REDs, and has concluded that your submission is acceptable.

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

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

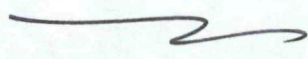
- Basic CSF, dated 21 September 7, 2011
- Alternate CSF 1, dated 21 September 7, 2011
- Alternate CSF 2, dated 21 September 7, 2011

- Alternate CSF 3, dated 21 September 7, 2011

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. 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 FIFRA sec. 6(e).

If you have any questions about this letter, please contact Clayton Myers at 703-347-8874 or [myers.clayton@epa.gov](mailto:myers.clayton@epa.gov).

Sincerely,



Richard J. Gebken  
Product Manager  
Insecticide Branch  
Registration Division (7505P)

Enclosures: *Label stamped "Accepted," dated September 26, 2012*  
*Acute Toxicity Review, dated September 1, 2010*  
*Product Chemistry Review, dated November 1, 2011*

[ ] = alternate/optional text

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### ULD® BP-300 Insecticide

**KILLS:** Ants, Bed Bugs, Cockroaches, Fleas, Flies, Scorpions, Spiders, Stored Product Pests (Beetles, Mites, Moths) and Ticks

**FOR USE IN:** Commercial (including Food Handling Establishments, Food Service, Storage, Preparation and Processing Areas and USDA Inspected Facilities), Institutional and Residential Areas

[See inside booklet for additional insects and use sites.]

**ACTIVE INGREDIENTS:**

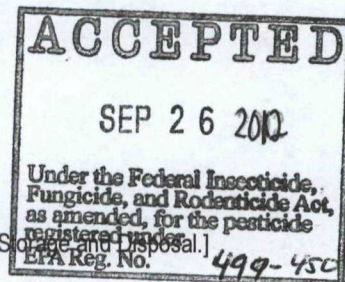
Pyrethrins*, a botanical insecticide .....	3.0%
Piperonyl butoxide** .....	6.0%
n-Octyl bicycloheptene dicarboximide*** .....	10.0%

<b>OTHER INGREDIENTS:</b> .....	81.0%
Contains Petroleum Distillate	TOTAL: 100.0%

\* 1 gallon contains 0.208 lb of pyrethrins, 0.416 lb piperonyl butoxide and 0.693 lb n-Octyl bicycloheptene dicarboximide

\*\* (butylcarbityl) (6-propylpiperonyl) ether and related compounds

\*\*\* MGK-264 Insecticide Synergist



## KEEP OUT OF REACH OF CHILDREN CAUTION

[See inside booklet for insects and use sites, First Aid, Precautionary Statements, Directions for Use and Storage and Disposal.]

EPA Reg. No. 499-450 • EPA Est. No. 7969-MO-1

**ULTRA LOW DOSAGE THROUGH MICRON GENERATION**

### FIRST AID

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

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

**IF IN EYES:** Hold eyes open and rinse slowly and gently with water for 15 – 20 min. Remove contact lenses, if present, after the first 5 min, 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 1-800-832-HELP for emergency medical treatment information.

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

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

**Personal Protective Equipment (PPE):** Applicators must wear: Long-sleeved shirt and long pants, shoes plus 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 hand wand 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 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

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate.

#### PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not apply this product around electrical equipment due to the possibility of shock hazard.

#### DIRECTIONS FOR USE

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

#### USE RESTRICTIONS

- Apply this product only as specified on this label.
- Do not use more than 1 time/day.
- Only protected applicators may be in treatment area during application.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Except when applying to sewers or drains as instructed on this label, do not apply directly to sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not use in aircraft cabins.
- When using in the home: Remove or cover all food and drinking water, in the treatment area, before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, in the treatment area, or wash them before use.
- 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.
- In livestock operations, apply only when animals are not present.
- Do not apply this product in hospital rooms while occupied or in any rooms occupied by the elderly or infirm. Remove patients from room prior to treatment and thoroughly ventilate (2 hr) after application. Do not return patients to room until after ventilation.
- Do not use in patient rooms in hospitals and nursing homes for treatment of bed bugs.
- Do not apply to classrooms when in use.
- Do not use in greenhouses used for growing food.
- Do not use in any indoor misting systems.

#### PRODUCT INFORMATION

**Note:** Some furniture finishes, 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.

#### INDOOR USE

**DILUTION:** Use a white mineral oil conforming to regulation 21 CFR 178.3620(b), or an odorless light petroleum hydrocarbon conforming to 21 CFR 172.882 or 40 CFR 180.910 (Inert ingredients used pre and post-harvest; exemptions from the requirement of a tolerance), and 180.930 (Inert ingredients applied to animals; exemptions from the requirement of a tolerance). Combine oil and concentrate as directed below and mix well just prior to application.

Pyrethrin % Desired	Mixture Rate	Application Rate/1,000 ft <sup>2</sup>
1.00	1 Part Concentrate to 2 Parts Oil	1 fl oz
0.50	1 Part Concentrate to 5 Parts Oil	1 fl oz

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0.30	1 Part Concentrate to 9 Parts Oil	1 - 2 fl oz
0.15	1 Part Concentrate to 19 Parts Oil	1 - 2 fl oz

**CRACK & CREVICE®, SPOT OR VOID TREATMENTS:** Use hand tank or pinstream application equipment designed for these application methods. Follow the manufacturer's recommendations for proper equipment set up and operation. Apply up to 9 fl oz of undiluted product per 1,000 ft<sup>2</sup> or dilute product to below 3%, using 9 fl oz of concentrate per 1,000 ft<sup>2</sup> (for example, if a 1% dilution is made, 27 fl oz could be used per 1,000 ft<sup>2</sup>.) Direct application into cracks, crevices or voids in elements of construction, walls, floors, underneath sinks, behind pipes and other places where insects harbor. Apply in short bursts into area being treated. Apply 1 sec of product for every 3 ft<sup>3</sup> of void area. For spot treatments, use a coarse, low-pressure spray. Limit individual spot treatments to an area no larger than 20% of the surface area. Any individual spot treatment shall not exceed 2 ft<sup>2</sup>. Contact as many insects as possible. Before making any application, ensure product will not stain surface or leave an unacceptable residue. **For Bed Bugs:** Direct application into areas where bed bugs harbor. Do not direct this product at mattresses.

**USE IN FOOD HANDLING ESTABLISHMENTS**

Applications are permitted in food/feed areas of food/feed handling establishments (as a Crack & Crevice, spot or void treatment), including those operating under the Federal meat, poultry, shell egg grading and egg products inspection programs.

Food handling establishments are places other than private residences in which food is held, processed, prepared or served.

**FOOD AREAS:** Include areas for receiving, serving, storing (dry, cold, frozen, raw), packing (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups).

**NON-FOOD AREAS:** Include areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage areas (after canning or bottling).

**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. Do not store above 100°F for extended periods of time. Storage below 32°F may cause freezing. 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, in accordance with the label directions, or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container! Empty container by using the product according to the label directions. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

[(<5 gal) Empty the remaining contents into application equipment or a mix tank and drain for 10 sec after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 sec. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 sec after the flow begins to drip. Repeat this procedure 2 more times.]

[(>5 gal) Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 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 sec. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it 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 2 more times.]

Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

In addition to previously listed sites, this product is acceptable for use in and around the following sites:

**INDOOR:**

- |                           |                               |                              |
|---------------------------|-------------------------------|------------------------------|
| Animal Areas and Quarters | Cattle Barns                  | Egg Processing Plants        |
| Apartments                | Churches                      | Factories                    |
| Auditoriums               | Closets                       | Flour Mills                  |
| Bakeries                  | Condominiums                  | Food Handling Establishments |
| Barns                     | Communication Centers         | Food Preparation Areas       |
| Beverage Plants           | Convenience Stores            | Food Processing Plants       |
| Boats                     | Correctional Facilities       | Food Service Areas           |
| Bottling Plants           | Dairy and Livestock Barns     | Food Storage Areas           |
| Brandy Storage Warehouses | Dormitories                   | Freight Containers           |
| Buildings                 | Dried Fruit Processing Plants | Fruit Packing Sheds          |
| Buses                     | Drains and Sewers             | Garbage Cans                 |
| Cabins                    | Dried Fruit Warehouses        | Garbage Compactors           |
| Cafeterias                | Drugstores                    | Grain Elevators              |
| Canneries                 | Dumpsters                     | Grain Mills                  |
|                           | Dwellings                     | Grain Handling Equipment     |

Master Label

v9.0.1 (9/14/12; dmt)

- Granaries
- Grocery Stores
- Health Care Facilities
- Homes
- Hotels
- Horse Stables/Barns
- Hospices
- Industrial Installations
- Institutions
- Jails
- Laboratories
- Libraries
- Livestock Barns
- Loafing Sheds
- Locker Rooms
- Mills
- Mausoleums
- Meat Packing Plants
- Milk Rooms
- Missions
- Mobile Homes
- Motels
- Museums

- Mushroom Processing Plants
- Nursing Homes
- Office Buildings / Offices
- Passenger Rail Cars
- Peanut Processing Plants
- Peanut Storage Warehouses
- Poultry Houses
- Poultry Processing Plants
- Prisons
- Public Buildings
- Rabbit Processing Plants
- Rabbit Houses
- Railroad Cars
- Recreational Vehicles
- Research Animal Areas
- Restaurants
- Restrooms
- Rice Mills
- Schools
- Shade Houses
- Ships
- Ship holds
- Stables

- Stable Bins
- Stored Seed Warehouses
- Stores
- Supermarkets
- Swine Houses
- Textile Mills and Warehouses
- Theaters
- Tobacco Processing Facilities
- Tobacco Warehouses
- Townhouses
- Trains
- Transportation Equipment
- Trucks
- Truck Trailers
- Universities
- USDA Inspected Facilities
- Utilities
- Utility Rooms
- Voids (Attics, Walls, Ceilings)
- Warehouses
- Wineries
- Wine Storage Warehouses
- Zoos

This product is also effective against the following insects when used according to label directions:

**FLYING INSECTS:**

- Bees
- Blow Flies
- Bottle Flies
- Cheese Skippers
- Deer Flies
- Flies
- Fungus Gnats
- Hornets
- House Flies
- Mosquitoes
- Mushroom Flies
- Stable Flies
- Vinegar Flies
- Yellowjackets

**GRAIN BORERS:**

- Larger Grain Borers
- Lesser Grain Borers

**CRAWLING INSECTS:**

- Ants
- Bed Bugs
- Booklice
- Cabbage Loopers
- Cabbage Worms
- Cockroaches
- Crickets
- Fire Ants, Workers

- Firebrats
- Millipedes
- Pill Bugs
- Scorpions
- Sowbugs

**FLEAS AND TICKS:**

- Brown Dog Ticks
- Fleas
- Ticks

**SPIDERS AND MITES:**

- Cheese Mites
- Clover Mites
- Grain Mites
- Spiders

**LICE:**

- Cattle Lice

**WORMS:**

- Dark Mealworms
- Lesser Mealworms
- Yellow Mealworms

**BEETLES:**

- Black Carpet Beetles
- Carpet Beetles
- Darkling Beetles
- Dermeestid Beetles
- Dried Fruit Beetles

- Drugstore Beetles
- Flat Grain Beetles
- Foreign Grain Beetles
- Fungus Beetles
- Ground Beetles
- Hide Beetles
- Merchants Grain Beetles
- Mexican Grain Beetles
- Red Flour Beetles
- Red Horned Grain Beetles
- Rusty Grain Beetles
- Sawtoothed Grain Beetles
- Spider Beetles
- Trogoderma Beetles
- White Marked Spider Beetles

**WEEVILS:**

- Bean Weevils
- Granary Weevils
- Maize Weevils
- Rice Weevils

**MOTHS:**

- Almond Moths
- Chocolate Moths
- Clothes Moths
- Cocoa Bean Moths
- Mediterranean Flour Moths

**CONDITIONS OF SALE AND WARRANTY**

Follow the **Directions for Use**. It is impossible to eliminate all risks inherently associated with use of this product, and therefore all such risk shall be assumed by the Buyer. Whitmire warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks, referred to above. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) WHITMIRE MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING

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WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND WHITMIRE'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) WHITMIRE AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Whitmire and the Seller offer this product, and the Buyer accepts it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of Whitmire.

Manufactured for:  
Whitmire Micro-Gen Research Laboratories, Inc.®  
by BASF Corporation  
3568 Tree Court Industrial Blvd.  
St. Louis MO 63122-6682  
Questions ? Call 1-800-777-8570

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