

PM 13 499-304

1 of 4

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460  <b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREГИSTRATION <i>(Under the Federal Insecticide, Fungicide,          and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. <b>499-304</b>	DATE OF ISSUANCE <b>SEP 4 1991</b>
	TERM OF ISSUANCE <b>Until Reregistration</b>	
	NAME OF PESTICIDE PRODUCT <b>Whitwire OPTEM ME PT 600</b>	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

161 | 392860  
18 | 1

**Whitwire Research Laboratories**  
**3568 Tree Court**  
**St. LOUISE, MO 63122-6620**

**NOTE:** Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) since you have agreed to:

1. Submit/cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling change listed below before you release the product for shipment:
  - a. Add the phrase, "EPA Registration No. 499-304."
  - b. The term "Prescription Treatment" is misleading in that it implies drug-like qualities and thus it must be deleted from this pesticide labeling.
  - c. Qualify the prohibition in food areas by adding "feed," i.e.,  
  
 Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared...

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL \_\_\_\_\_ DATE \_\_\_\_\_

TML 9/4/91

d. Revise the Environmental Hazards statement as follows:

This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water ...

Please note that we have agreed to your request for a waiver of the acute inhalation study since 1) the documentation provided demonstrates that the product cannot be generated as an inhalable particle and thus poses negligible risk of pesticide absorption through inhalation and 2) the product is of a low order of toxicity via other routes of exposure.

3. Submit five copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Sincerely,

George T. LaRocca  
Product Manager (13)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosures



# OPTEM™

Prescription Treatment 600

Microencapsulated Insecticide

**KILLS:** Ants, Boxelder Bugs, Carpenter Ants, Carpenter Bees, Carpet Beetles, Centipedes, Clover Mites, Cluster Flies, Cockroaches, Crickets, Dermestids, Earwigs, Elmleaf Beetles, Firebrats, Flies, Flour Beetles, Millipedes, Psocids, Silverfish, Sowbugs, Spiders and Ticks.

**FOR USE IN AND AROUND:** Apartments, homes, hospitals, hotels, motels, nursing homes, (non-food areas of) restaurants and other food handling establishments, schools, transportation equipment (boats, buses, planes, ships, trailers, trains, trucks) utilities and other commercial buildings.

**ACTIVE INGREDIENT:**  
Cyfluthrin [Cyano (4-fluoro-3-phenoxyphenyl) methyl-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate] ..... 6.0%

**INERT INGREDIENTS:** ..... 94.0%

EPA Reg. No. 499-GNU  
EPA Est. No. 499-MO-1

Not for Use in USDA Meat and Poultry Plants  
Recommended for Use by Commercial Applicators

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF IN EYES:** Wash thoroughly with water for at least 15 minutes. Call a physician if symptoms occur.

See side panel for additional precautionary statements.

Net Contents: 8 Ounces

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**General Information**

Optem™ Microencapsulated Insecticide is a flowable microencapsulated concentrate containing 0.5 lb. of cyfluthrin per gallon. Optem™ may be sprayed on any surface which will not be damaged or stained by water. Heavy applications may leave a visible deposit. On some surfaces this deposit can be removed with a damp cloth or sponge.

Do not apply water-based sprays of this product to conduits, motor housing, junction and switch boxes or other electrical equipment because of possible shock hazard.

**Mixing Instructions**

Thoroughly clean spray equipment before using Optem™. Shake concentrate well before diluting. When diluting, first add approximately one-half of the water to the spray tank and then add the proper amount of Optem™. When emptying the bottles triple rinse with water, shake well and add the rinse to the spray tank. Add the rest of the water and agitate the sprayer thoroughly. Agitate sprayer occasionally during use to insure even mixture. Shake or reagitae sprayer if spraying is interrupted or if dilution is left in sprayer overnight. If spray screens are used, they should be 50 mesh or larger.

Spray Dilution Chart		
Amount of Finished Spray	0.05% Spray	0.1% Spray
1 gallon	1.0 fl. oz.	2.0 fl. oz.
3 gallons	3.0 fl. oz.	6.0 fl. oz.
5 gallons	5.0 fl. oz.	10.0 fl. oz.
10 gallons	10.0 fl. oz.	20.0 fl. oz.

The higher rate should be used for clean-outs, for longer residual control or for high insect infestations.

**INDOOR USES**

Dilute Optem™ to 0.05% or 0.1% with water using the spray dilution chart.

Optem™ should be used as a crack and crevice residual product where insects may be hiding, living and breeding and/or for selected spot application.

Do not use in food areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms but excluding areas where foods may be prepared or held. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed. Non-food areas are areas such as garbage rooms, rest rooms, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

**Centipedes, Cockroaches, Crickets, Dermestids, Earwigs, Firebrats, Millipedes, Psocids, Silverfish, Sowbugs, Spiders:** Make spot treatment and/or crack and crevice injections into hiding places such as cracks and crevices, void areas, moist areas, openings around pipes and sinks and under refrigerators. Repeat as necessary.

**Flies:** Make spot applications of Optem™ on surfaces where flies rest in the dark at night or frequent during the day, such as window frames, screens, trash cans, ceilings and upper wall surfaces.

**Carpet Beetles (Dermestids):** Apply the spray as a spot treatment along edges of carpet, under carpet edge, furniture, throw rugs and as a crack and crevice application in closets and other shelving where infested items are stored. Do not treat clothing with this product. Repeat application as necessary.

REGISTERED IN THE U.S. PATENT OFFICE  
IN CANADA AND OTHER COUNTRIES

SEP 4 1991

(OVER)

Under the authority of the  
EPA Administrator  
Registered under EPA Reg. No. 499-304

**Ticks:** Apply as a spot treatment in infested and egg laying areas such as pet resting quarters, nearby cracks and crevices, behind baseboards, door and window frames. Replace old pet bedding with clean fresh bedding after treatment. Do not treat pets with this product. Repeat application as necessary.

**Ants:** Inject cracks, crevices and voids where ants may be traveling and/or harboring, including but not limited to, around doors, window frames, and other structural cracks, crevices and voids. Spot treatment of trails and feeding areas may also be made.

**Hibernating stages of boxelder bugs, elm-leaf beetles, cluster flies and clover mites:** Inject cracks, crevices and/or voids where these insects may be harboring or hibernating. Infested areas include, but are not limited to, cracks and crevices in weep holes, wall voids, around window and door frames, and under siding. Repeat application as necessary. Treat wall area around entry points on exterior where insects congregate.

**Carpenter Ants:** Make spot applications to any trails, around doors and windows, ceilings, wall voids, crawl spaces, and other places where ants enter premises. Where possible, treat ant nest or infested wood directly. Repeat application as necessary.

#### OUTDOOR USES

**Kills:** Ants, Boxelder Bugs, Carpenter Ants, Carpet Beetles, Centipedes, Clover Mites, Cluster Flies, Cockroaches, Crickets, Dermestids, Earwigs, Elmleaf Beetles, Flies, Millipedes, Psocids, Silverfish, Sowbugs, Spiders and Ticks.

Optem™ can be used as a residual spray on outdoor surfaces and/or as a crack, crevice and void treatment of buildings, porches, window frames, eaves, patios, garages, garbage dumps and other areas where pests congregate or enter premises. Repeat treatment as necessary to maintain effectiveness. Use the 0.05% or 0.1% rate.

Optem™ can be used as a residual spray to control pests in outdoor void areas such as meter boxes and manholes. Repeat treatment as necessary.

As a perimeter spray to help prevent infestations of buildings, treat a band of soil 6 to 10 feet wide around and adjacent to the building. Also treat the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. Treat other insect entry points such as doors, windows, under siding and eaves of structure. Optem™ may be applied in compressed air, backpack or power spray equipment. An application rate of 0.5 - 1.0 fluid ounces of Optem™ per 1000 sq. ft. is desirable. Apply in sufficient water to adequately cover the area being treated, but will not allow dripping or run-off to occur.

**Flies:** Spray outside surfaces of screens, doors, window frames or wherever flies enter. Also treat surfaces on porches, in garages, and other places where insects light or congregate. Repeat as necessary. Treat normal fly resting areas such as ceilings, upper corners of the area, around windows and doors, and other surfaces. Spray inside and outside surfaces of dumpsters and other trash holding containers. Spray trash storage areas. Spray so as to lightly moisten the target surface. For best results, begin treatments at the start of the fly season and repeat weekly during periods of heavy fly activity.

**Ants, Crickets, Cockroaches:** For treatment of localized infestations of these insects in outdoor areas which are landscaped, planted, mulched or unmaintained, spray infested areas. For ants, wet hills and runways. Repeat applications as infestation warrant and as reinfestations occur.

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

**CAUTION.** Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

Do not apply to humans, their clothing or bedding. Do not allow children or pets to contact treated surfaces until spray has dried. Do not contaminate food or use on household pets. Cover fish tanks prior to application.

Do not apply this product in patient rooms while occupied or in any rooms while occupied by the elderly or infirm. Do not apply to classrooms when in use.

Avoid contamination of food, feedstuffs, or water supply. Do not contaminate food preparation surfaces, kitchen utensils, dishes, or feed storage containers. All food contact surfaces and cooking utensils should be covered during treatment or thoroughly cleaned before using.

Do not spray where electrical short circuits might result, such as wall outlets, conduits, etc.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to water and wetlands. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides or fertilizers. Do not store above 122°F for extended periods of time. Preferred storage is above 32°F. Storage below 32°F may result in solidification. If warmed to above 32°F, product will return to original form. Freezing does not adversely affect this product. 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:** Do not reuse empty container. Triple rinse, wrap container and put in trash.