



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
5887-164

Date of Issuance:
SEP 06 1995

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance: Until
Reregistration

Name of Pesticide Product: Black
Leaf Dursban ME02
Microencapsulated
Insecticide

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Wilbur-Ellis Company
P.O. Box 16458
Fresno, California 93755

Note: Changes in labeling 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 above 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 5887-164."
3. Submit two copies of the revised final printed label for the record.

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.

Signature of Approving Official:

DATE

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Date:

SEP 06 1995

BLACK LEAF DURSBAN® ME02

Microencapsulated Insecticide

Controls numerous pests in and around households and other structures

[DURSBAN logo]

Active Ingredient:

Chlorpyrifos: 0,0-diethyl 0-(3,5,6-trichloro-2-pyridinyl) phosphorothioate 0.2%

Inert Ingredients: 99.8%

*DURSBAN and the DURSBAN logo are trademarks of DowElanco.

EPA Reg. No. 5887- *RAU*
EPA Est. No. 70-KY-1

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See back panel for additional precautionary statements.

DIRECTIONS FOR USE

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

GENERAL INFORMATION

Black Leaf Dursban ME02 Insecticide is a flowable microencapsulated product designed for use as a residual spray to control various pests in and around residential and non-residential structures. **Dursban ME02** may be sprayed on any surface which will not be damaged or stained by water. A visible deposit may appear on some hard surfaces. This deposit can be easily removed with a cloth or damp sponge.

Do not apply this product to conduits, motor housings, junction and switch boxes, or other electrical equipment because of possible shock hazard.

ATTENTION: Do not allow spray to contact food or food- contacting surfaces, feedstuffs, or water supplies. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated by application of this product. Remove pets and cover fish bowls (tanks) before spraying. Do not use in fogging equipment to apply the product indoors. Do not allow adults, children or

ACCEPTED
with COMMENTS
in EPA Letter D-44-1

SEP 06 1995

Under the Federal Insecticide,
Fungicide, and Disinfectant Act
as amended by the pesticide
registered under FIFRA Reg. No.

5887-164

pets on treated areas until spray has dried. Keep out of fish pools or other bodies of water. Do not treat vegetable gardens. Do not use in poultry houses.

GENERAL PEST CONTROL INDOORS

SHAKE PRODUCT BEFORE USE. Dursban ME02 may be applied within residential and non-residential buildings or structures and within nonfood areas of industrial, institutional, and commercial buildings, including hospitals, stores, manufacturing plants, and warehouses. Apply as a localized spray to areas where insects are found or normally occur. Such areas include but are not limited to dark corners of rooms and closets; floor drains; cracks and crevices in walls; along and behind sinks, stoves, refrigerators, and cabinets, and around plumbing and other utility installations. A period of 4 to 7 days is normally required to observe maximum effectiveness on insect populations; therefore, limit retreatment to not more often than once per every 7 days. Apply spray solution in such a manner as to minimize spray contact with non-target surfaces.

Indoor Pests Controlled with Dursban ME02

- Ants (1)
- Brown dog tick (2)
- Carpet beetles (3)
- Centipedes
- Clover mites
- Cockroaches (Such as: American, Brownbanded, German, Oriental, Smokey brown, Asian) (4)
- Crickets
- Earwigs
- Firebrats
- Fleas (5)
- Flour Beetles (Confused, Red, Saw-toothed)
-) Indian meal moths
- Mediterranean flour moths
- Millipedes
- Ice weevils
- Silverfish
- Sowbugs
- Spiders

+Numbers in parentheses refer to Specific Directions

Specific Indoor Directions

1) Ants may be controlled by treating ant trails and wherever else these pests may find entrance. For example, around doors and windows.

497

2) **Brown dog ticks** may be controlled by applying spray to infested areas, nearby cracks and crevices and along baseboards, windows and door frames where these pests may be present. For best results, old bedding should be cleaned or replaced. **Do not treat pets or their bedding with this product.**

3) **Carpet beetles** may be controlled by thoroughly applying the spray as a spot treatment along baseboards and edges of carpeting, under carpeting, rugs and furniture; in closets and on shelving. Spots are defined as areas not to exceed two square feet. Two spots cannot be connected.

4) **Cockroaches** are best controlled by making crack and crevice or spot treatment. Treat where insects are found or normally occur including, but not limited to dark corners of rooms and behind sinks, stoves, refrigerators, refrigerator units, and around plumbing and other utility installations. Crack and crevice treatments are applied by delivering a pin stream or small amounts of solution directly into cracks or voids. Spot treatments are defined as areas not to exceed two square feet. Two spots cannot be connected. Limit spot application to less than 20% of the lower wall and floor surface.

5) **Fleas** are best controlled by a total management program. It is suggested that infested areas be thoroughly vacuumed prior to treatment. These areas include all carpet, upholstered furniture, baseboards and other indoor areas frequented by pets. The vacuum cleaner bag should be discarded in an outdoor trash container. Pet bedding should be cleaned or replaced. Other than the applicator, premises should be vacated during application. Cover aquaria and fish bowls and remove other pets. **Do not permit humans or pets to contact treated areas until spray has thoroughly dried.**

Treatments are limited to spot applications. Individual spots are not to exceed 2 square feet. Two spots may not be connected. 1 gallon of spray will cover 1,600 square feet. Adjust the application rate to provide uniform coverage without soaking the treated areas. If fleas reappear in about 1-2 weeks after treatment it is probably because they have hatched from their pupal (cocoon) state. If this occurs, either repeat treatment or allow the product's time-release microcapsules another week to kill newly emerged fleas. **Do not treat pets with this product.**

Effective flea control includes controlling the source of flea infestations. This can require treatment of pets with a product registered for flea control and treating outside areas frequented by pets. **Dursban ME02** can also be applied out-of-doors for flea control.

GENERAL PEST CONTROL OUTDOORS

Use **Dursban ME02** to control outdoor pests listed in accompanying table by application as either a perimeter treatment or as a localized spray.

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Perimeter treatments help prevent infestation of building. When making perimeter treatments, apply **Dursban ME02** where pests are active or may find entrance. For example, treat a band of soil 6 to 10 feet wide around and adjacent to buildings and treat the building foundation to a height of 2 to 3 feet. Apply as a coarse spray at the rate of about 1 gallon of spray per 100 sq. ft. Thoroughly and uniformly wet the band area.

Localized sprays provide control of insect pests on outside surfaces of buildings and other outdoor areas where pests congregate. Treat by applying the dilution directly to target areas such as cracks and crevices; along sidewalks or patios; windows and door frames; or other areas where pests may be present.

Outdoor Pests Controlled by Dursban ME02:

- Ants
- Bees
- Beetles
- Carpenter ants
- Carpenter bees
- Clover mites
- Cockroaches
- Crickets
- Earwigs
- Fleas
- Flies
- Hornets
- Millipedes
- Mosquitoes
- Scorpions (1)
- Silverfish
- Sowbugs
- Spiders
- Ticks
- Wasps
- Yellowjackets

(1) For Scorpions, remove accumulations of lumber, firewood, and other materials which serve as harborage sites. Before stacking firewood or lumber, apply **Dursban ME02** to surfaces immediately below such materials. Perimeter treatments may also be helpful in reducing pests immigrating from surrounding areas.

STORAGE AND DISPOSAL

697

Storage: Store only in original container in secured, dry storage area away from children and pets. 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.

Pesticide Disposal: Securely wrap original container in several layers of newspaper and discard in trash.

Container Disposal: Do not reuse empty container. Wrap container and put in trash.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed. Harmful if absorbed through the skin. Do not get in eyes, on skin or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse. Keep away from food, feedstuffs and water supplies.

Statement of Practical Treatment

If Swallowed: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person.

If On Skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

If In Eyes: Flush with plenty of water for 5 minutes. Get medical attention if irritation persists.

If Inhaled: Remove to fresh air, if symptoms of cholinesterase inhibition appear and get medical attention immediately.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine, only by injection is the preferable antidote. Oximes, such as 2-PAM may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidote immediately after establishing an open airway and respiration.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds and wildlife. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

797

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Black Leaf Products
A Division of Wilbur-Ellis Co.
Buckner, KY 40010
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