

PA 19 62719 74 P 127

MAR 17 1992

Mr. Michael W. Melichar  
DowElanco  
Quad IV--9002 Purdue Road  
Indianapolis, Indiana 46268-1189

Subject: Revised Labeling--Food Service Establishments  
Dursban ME Insecticide  
EPA Registration Number 62719-74  
Your Amendment Application Dated October 26, 1990

Dear Mr. Melichar:

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), sec. 3(c)(7)(B), is acceptable 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.

Submit production information (pounds or gallons produced) for this product for the fiscal year in which the use in food service establishments is conditionally registered, in accordance with FIFRA sec. 29. The fiscal year begins on October 1 and ends September 30. The production information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year.

This information should be submitted to:

Registration Support Branch  
Registration Division (H7505C)  
Environmental Protection Agency  
Washington, DC 20460

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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 bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

*DHE*

Dennis H. Edwards, Jr.  
Product Manager (19)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure

# Specimen Label

ACCEPTED  
with CONDI  
in EPA Letter

MAR 17 1992

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
62719-74

Under Insecticide,  
Fungicide and Rodenticide Act,  
for the pesticide  
EPA Reg. No.

# Dursban\* ME Insecticide

Controls Numerous Pests In and Around Households

To Be Applied Only by or Under the Direct Supervision of Commercial Applicators Responsible for Insect Control Programs. Sale to or Use by Persons Owning or Occupying a Dwelling is Strictly Prohibited.

**Active Ingredient(s):**

Chlorpyrifos [O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate] ..... 11.7%  
Inert Ingredients ..... 88.3%

Contains 1 pound of chlorpyrifos per gallon.

E.P.A. Registration No. 464-601 62719-74

E.P.A. Est. 11715-TN-1, 464-MI-1

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

### AVISO:

#### PRECAUCION AL USUARIO:

Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

#### Hazards to Humans and Domestic Animals

**MAY BE HARMFUL IF SWALLOWED •  
HARMFUL IF ABSORBED THROUGH 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 • Do Not**

**Use This Product In Food Areas Or Food**

**Handling Establishments Or Other Areas**

**Where Food Is Prepared Or Processed**

#### 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 In Eyes:** Flush with plenty of water for 5 minutes. Get

medical attention if irritation persists. **If Inhaled:** Remove to

fresh air if possible. Symptoms of cholinesterase inhibition appear and

medical attention is needed immediately.

**NOTE TO PHYSICIAN:** Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/protopam, 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. Cover or incorporate spills. Do not contaminate water by cleaning of equipment or disposal of waste.

#### NOTICE

Read and understand the entire label before using. Use only according to label directions.

Before buying or using this product, read "WARRANTY LIMITATIONS AND DISCLAIMER" elsewhere on this label. If terms are not acceptable, return unopened package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under WARRANTY LIMITATIONS AND DISCLAIMER.

#### IN CASE OF AN EMERGENCY

endangering life or property involving this product, call collect 517-636-4400

AGRICULTURAL CHEMICAL

Do Not Ship or Store with Food, Feeds, Drugs, or Clothing

# Dursban\* ME

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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.

Do not formulate this product into other end-use products.

Do not tank mix this product with dichlorvos (DDVP) containing products.

## GENERAL INFORMATION

DURSBAN ME insecticide is a flowable micro-encapsulated concentrate designed for use as a spray to control various pests in and around households and other structures. DURSBAN ME may be sprayed on any surface which will not be damaged or stained by water. A visible deposit may appear on some dark surfaces. This deposit can be easily removed with a cloth, with a damp sponge or with a vacuum cleaner. The pests controlled are listed in the accompanying tables.

Do not apply water-based sprays of 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 introduce the spray into the air or use in fogging equipment. Do not allow adults, children or pets on treated areas until spray has dried. Keep out of fishpools or other bodies of water. Do not treat vegetable gardens. Do not allow livestock to graze in treated areas. Do not feed treated grass cuttings (hay) or seed screenings to livestock, nor use hay for livestock bedding. Do not use in poultry houses.

## Mixing Instructions

DURSBAN ME is packaged in 160 ml. dose packs, to provide

a 0.5% dilution in 1 gallon of water. Thoroughly clean spray equipment before using DURSBAN ME. Shake concentrate well before diluting so that material is thoroughly dispersed. When diluting, first add approximately one-half of the water to the spray tank and add the appropriate amount of DURSBAN ME. When emptying the dose pack, rinse thoroughly with water, shake well, and add the residue to the spray tank. Finally add the rest of the water. **AGITATE THE SPRAYER BEFORE USING.** Agitate sprayer occasionally during use to ensure even coverage. Shake or reagitte 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.**

## Pest Control Indoors

Use DURSBAN ME insecticide to control pests listed in the following table by application at the recommended dosages. Use a 0.25% spray to control light infestations and a 0.5% spray to reduce heavy infestations or for extended residual control. To prepare the spray, dilute DURSBAN ME insecticide only with water.

Applications may be made within residential buildings, including homes and apartments, and non-residential buildings, including mausoleums. Applications may also be made within non-food areas of industrial, institutional, and commercial buildings, including hospitals, stores, manufacturing plants, and warehouses.

Apply as a coarse, low pressure spray (20 psi or less) or with a paint brush to localized areas in and around non-food areas. Equipment capable of delivering a pinstream or fan spray can be used. Treat where insects are found or normally occur, including, but not limited to, dark corners of rooms and closets; floor drains; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators, refrigerator units, and cabinets; and around plumbing and other utility installations.

← Insert A

← Insert B

Pest†	Amount of DURSBAN ME to Make:								Specific Directions
	1 Gallon of Water-Based Spray				3 Gallons of Water-Based Spray				
	0.25% Spray		0.5% Spray		0.25% Spray		0.5% Spray		
	fl. oz.	ml.	fl. oz.	ml.	fl. oz.	ml.	fl. oz.	ml.	
Ants(1)	2 3/4	80	5 1/4	160	8	240	16	480	<p>1 For ants apply to ant trails and around doors and windows and wherever else these pests may find entrance.</p> <p>2 For the control of brown dogs ticks and fleas, thoroughly apply the spray as a spot treatment to infested areas, such as pet beds and resting quarters, nearby cracks and crevices, along baseboards, windows and door frames, and localized areas of floor and floor coverings where these pests may be present. Old bedding should be removed and replaced with clean, fresh bedding after treatment. Do not treat pets with this product. To control the source of flea infestations, pets inhabiting the treated premises should be treated with a flea control product registered for application to animals.</p> <p>3 For the control of carpet beetles, thoroughly apply the spray as a spot treatment along baseboards and edges of carpets, under furniture, and in other areas where these pests may be present.</p> <p>4 Apply to the surface of the pest, or to the surface where the pest is likely to be present.</p>
Brown dog ticks(2)									
Carpet beetles(3)									
Centipedes									
Clover mites									
Cockroaches (Such as American, Brownbanded, German, Oriental, Smokey brown)(4)									
Crickets									
Earwigs									
Firebrats									
Fleas(2)									
Flour beetles (Confused, Red Saw-toothed)									
Indian meal moths									
Mediterranean flour moths									
Millipedes									
Rice weevils									
Silverfish									
Sawbug									
Spiders									

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## Pest Control on Outside Surfaces and Around Buildings

Apply DURSBAN ME insecticide by application as a residual spray to outside surfaces of buildings including porches, window frames, eaves, patios, garages, refuse dumps and other areas where pests congregate or have been seen. Repeat treatment as needed to maintain effectiveness.

Pest	Amount of DURSBAN ME in Water to Make:		Specific Directions
	1 gallon	50 gallons	
Ants	For Band Treatment (1)		<p>1. To help prevent infestation of buildings treat a band of soil 6 to 10 feet wide around and adjacent to buildings, also the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use 16 fl. oz. of DURSBAN ME per 50 gallons of water and apply as a coarse spray at the rate of about 10 gallons spray mixture per 1,000 sq. ft. to thoroughly and uniformly wet the band area.</p> <p>2. For scorpions treat or remove accumulations of lumber, firewood, and other materials which serve as harborage sites.</p>
Bees	16 fl. oz. (three 160 ml. bottles)		
Beetles			
Carpenter ants			
Carpenter bees			
Clover mites			
Cockroaches			
Crickets			
Earwigs			
Fleas			
Flies	On Outside Surfaces		
Hornets	5 1/2 fl. oz. (one 160 ml. bottle)		
Millipedes			
Mosquitoes			
Scorpions(2)			
Silverfish			
Sowbugs			
Spiders			
Ticks			
Wasps			
Yellowjackets			

(Numbers in parentheses refer to Specific Directions)

### 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 and fertilizers. Do not store above 100°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. Wrap container and put in trash.

### FOR THE 160 ML UNIT DOSE BOTTLE:

**Do Not Remove Packages From Container Except For Immediate Use**

### WARRANTY LIMITATIONS AND DISCLAIMER

The Dow Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions therein under normal conditions of use. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose expressed or implied, extends to the use of the product contrary to the label or to the limitations and conditions noted on the label.

such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.

When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify in writing The Dow Chemical Company of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of The Dow Chemical Company or any other seller will be one of the following, at the election of The Dow Chemical Company:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations And Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations And Disclaimer in any manner.

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RO/CHLORPYRIFOS MIXTURE NA2783

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**THE DOW CHEMICAL COMPANY**  
Midland, Michigan 48674 U.S.A.

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SPECIMEN LABEL 86-1892 DATE CODE  
B1086  
REPLACES 86-1892 DATE CODE A186  
DISCARD PREVIOUS SPECIMEN LABELS

- REVISIONS INCLUDE.
- 1) DELETED SENTENCE IN NOTE TO PHYSICIAN SECTION
  - 2) REVISED CHART UNDER PEST CONTROL ON OUTSIDE SURFACES AND AROUND BUILDINGS SECTION
  - 3) REVISED PESTICIDE DISPOSAL STATEMENT

DURSBAN ME Insecticide

Insert A

DURSBAN ME may be applied within residential and non-residential buildings or structures and within industrial, institutional and commercial buildings. Applications can be made in food service establishments such as restaurants, cafeterias, taverns, delicatessens, mess halls, school and institutional dining areas, hospitals, mobile canteens, vending machines, groceries and markets. Applications can also be made in nonfood areas of food manufacturing and food processing establishments including garbage rooms, lavatories, drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling).

Insert B

Applications within food service establishments such as restaurants and cafeterias are limited to spot and/or crack and crevice treatment. Use a 0.25% spray to control light infestations and a 0.50% spray to reduce heavy infestations or for extended residual control. Spot treatment may encompass crack and crevice treatments by applying small amounts of material directly into openings leading to voids and hollow spaces in walls, equipment legs and bases, or which occur at points between elements of construction, or between equipment and floors. Equipment capable of delivering a pinstream of spray should be used for crack and crevice application. For spot treatments, an individual spot should not exceed 2 square feet. Repeat treatment as needed but not more than once every 14 days. Applications of this product in food service establishments other than as a spot and/or crack and crevice treatment are not permitted. Apply spray solutions in such a manner as to minimize spray drift to non-target surfaces.