



062719-00298-042999

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Systems Integration Group, Inc.



U.S. ENVIRONMENTAL PROTECTION AGENCY  
4301 RINGBROOK DRIVE  
WASHINGTON, DC 20460

EPA Reg. Number:  
62719-298

Date:  
4/29/99

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Term of Registration:  
Conditional

Name of Pesticide Product:  
Dursban ME 1.7

(Under FIFRA, see section 4)

Name and Address of Registrant (Include ZIP Code):

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054  
Attn: Robert F. Bischoff, PhD

**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.

This registration is conditional. The registrant must submit and/or cite all data required for registration of your product under FIFRA Section 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.

Make the following label changes before you release the product for shipment:  
a. Revise the EPA Registration Number to read, "EPA Reg. No. 62719-298."

This product is conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA Section 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. Make the following label changes before you release the product for shipment:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 62719-298."
3. Submit one copy of the revised final printed label before releasing the product for shipment.

Signature of Approving Official:

*Dennis McNeilly*  
Dennis McNeilly  
Insecticide-Rodenticide Branch

Date:

April 29, 1999

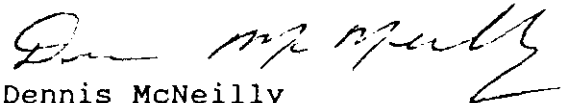
EPA Reg. No. 62719-298

A stamped copy of the label is enclosed for your records. Also enclosed are reviews of the five acute toxicity studies (Eugenia McAndrew; Mar 1, 1999) and the Agency's favorable decision concerning your request to waive the requirement for an acute inhalation toxicity study for this product(John Redden; Apr 7, 1999). The Agency notes that product chemistry supporting this registration were previously submitted by 3M for EPA Reg. No. 10350-12.

If the conditions enumerated above are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Please contact me on (703) 308-6742 if you have questions regarding this registration.

Sincerely,



Dennis McNeilly  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Enclosure 1) Stamped Label

# Dursban\* ME 1.7

Controls common pests around buildings and those pests that injure lawns, trees, ornamental plants and shrubs.

and/or

Contains Dursban\* insecticide

and/or

All-purpose insect spray

and/or

Multi-purpose insect spray

and/or

Do-it-yourself pest control

and/or

Do-it yourself lawn care

and/or

Also kills; roaches, ants, fleas, spiders, ticks including Deer Ticks that carry Lyme disease, flies, mosquitoes, earwigs, termites and other listed pests

and/or

New formula

and/or

Improved formula

and/or

New lower odor formula

and/or

Virtually no odor

and/or

Virtually odorless

and/or

No unpleasant odor

and/or

Leaves no oily mess or unpleasant odor

and/or

Kills home-invading pests

and/or

Kills home-invading pests - ants, roaches, ticks, termites, fleas, crickets, mites, earwigs, millipedes

and/or

Residual control

and/or

Contains microencapsulated Dursban

and/or

New water-based formulation

and/or

Virtually odorless formulation

and/or

Kills ants, fire ants, crickets, cutworms, earwigs, fleas, grasshoppers, millipedes, sod webworms, spiders, ticks and more

and/or

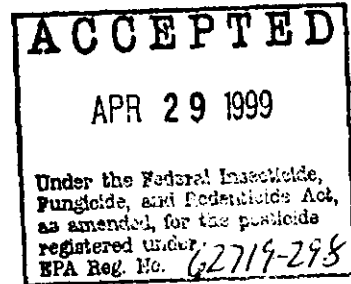
Residual control - even if it rains

and/or

Kills lawn insects

and/or

Protects home and lawn from invading pests



and/or

Provides long lasting relief from many insect pests

and/or

Residual action kills bugs for weeks

and/or

Controls: aphids, armyworms, beetles, chiggers, chinchbugs, crickets, earwigs, fleas, Imported fire ants, leaf-feeding caterpillars, sod webworms (lawn moths), ticks, and other insects

and/or

Controls home invading pests: ants, fleas, crickets, earwigs, sowbugs, millipedes

and/or

Controls Imported fire ants

and/or

Controls Imported fire ants effectively

and/or

Treats up to (Ed. note: subregistrant my insert square footage based on container size) sq. ft.

and/or

Kills fleas and ticks outdoors in lawns, around buildings, doghouses and kennels

and/or

Kills pests on ornamentals

and/or

Effective flea control

and/or

Effective roach control

and/or

Effective ant control

and/or

Effective pest control

and/or

For outdoor use

and/or

For use around the home

and/or

Non-staining

and/or

Does not stain

and/or

Will not stain outdoor surfaces

and/or

Makes up to (subregistrant may insert gallonage based on container size) gallons of diluted spray

and/or

Easy to use hose end sprayer

and/or

Dursban is a trademark of Dow AgroSciences LLC



Active Ingredient:

chlorpyrifos: O,O-diethyl-O-  
(3,5,6-trichloro-2-pyridinyl)  
phosphorothioate ..... 1.7%

Inert Ingredients ..... 98.3%

Total ..... 100.0%

Keep Out Of Reach Of Children

**CAUTION**

**Notice:** Read the entire label. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies".

EPA Reg. No. 62719-XXX

EPA Est. \_\_\_\_\_

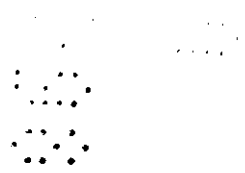
\*Trademark of Dow AgroSciences LLC

**Dow AgroSciences LLC • Indianapolis, Indiana 46268 U.S.A.**

(Subregistrant name and address)

**Insecticide**

Net contents \_\_ pt/qt/gal



6/10  
f

[Editor's note: Hose-end sprayer, designed to provide 50-56:1 dilution ratio, is sold with product. Hose end sprayer, provides correct application rate when recommended gallonage per 1000 sq ft is applied.]

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### Directions For Use

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

**Read all directions for use before applying this product.**

### General Use Information

Apply Dursban\* ME 1.7 insecticide using a hose-end sprayer to control various pests around buildings and common pests injurious to lawns, trees, ornamental plants and shrubs. Dursban ME 1.7 contains microencapsulated Dursban insecticide and controls pests such as those referenced in the tables below. After Dursban ME 1.7 dries, the active ingredient is gradually released from the microcapsule providing residual control. Because the active ingredient is released slowly, maximum effectiveness may not be observed immediately.

**Frequent Agitation is Recommended During Application:** Microcapsules containing Dursban are heavier than water and will gradually settle to the bottom of the container. **SHAKE WELL BEFORE USING** to suspend the microcapsules and **CONTINUE TO SHAKE WELL AT FREQUENT INTERVALS DURING APPLICATION.**

### Handling Procedures for General Use

- Do not allow spray to contact food or food-contacting surfaces. Thoroughly wash dishes and food handling utensils with soap and water if contacted by spray.
- Remove pets from treatment area before spraying.
- Keep out of fish pools and other bodies of water.
- Keep people and pets off treated areas until spray has dried.
- Do not treat vegetable gardens.
- Do not use indoors.
- Do not treat pets with this product.

### Application Instructions

**SHAKE WELL BEFORE USE AND FREQUENTLY DURING USE.**

[Editor's note: Subregistrant will add specific sprayer name and directions for use in hose-end sprayer.]

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### Pest Control on Outside Surfaces and Building Perimeters

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Use as a perimeter treatment around buildings to help prevent indoor insect infestations. Apply Dursban ME 1.7 to outside surfaces of buildings and surrounding areas, including porches, window frames, doorways, foundations, eaves, patios, garages, refuse dumps, garbage cans and garbage areas, and other areas where pests hide, have been seen or where they can gain entrance. Apply through the hose end sprayer at the rate of 10 gallons of spray mixture per 1000 square feet to thoroughly and uniformly wet the perimeter area. This package will treat up to [Ed Note: Subregistrant will add square feet measurement depending on package size] square feet. Treat a band 6 to 10 feet wide around and adjacent to buildings, also the building foundation to a height of 2 to 3 feet. Repeat treatment only if pests reappear.

7/10

**Pests Controlled on Outside Surfaces and Building Perimeters**

Ants	Millipedes
Carpenter ants (1)	Mosquitoes
Centipedes	Scorpions (4)
Cockroaches	Silverfish
Crickets	Sowbugs
Earwigs	Spiders
Fire Ants (2) (including foraging workers)	Ticks (including Deer Ticks)
Fleas (3)	Wasps
Flies	Yellowjackets

(-) Numbers in parenthesis refer to Specific Directions.

**Specific Directions:**

1. For **Carpenter ants**, apply the spray around doors and windows and other places where these ants enter the premises and where they crawl and hide. Also spray into cracks and crevices or through openings or small holes in wall voids or other areas where these ants or their nests are present.
2. For individual **fire ant mounds**, apply as a mound drench through the hose-end sprayer. Satisfactory results can be expected from gently applying 1-2 gallons to the mound and surrounding 2-3 foot diameter area. For best results, apply in cool weather, 65° to 80°F, or in early morning or late evening hours. Treat new mounds as they appear.
3. For effective outdoor **flea** control, ensure that areas where the pet or other animals spend time, such as kennels, runs, or other resting areas, are thoroughly treated.
4. For **scorpions**, remove accumulations of lumber, firewood, and other materials which serve as hiding areas. Before stacking firewood or lumber, apply Dursban ME 1.7 as a residual spray to surfaces immediately below such materials. To help reduce pests migrating from surrounding areas apply a band or perimeter treatment around the woodpile.

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**Lawns and Other Outdoor Areas**


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Apply Dursban ME 1.7 for the control of the pests listed below infesting areas such as lawns, yards, around houses and other buildings, kennels and pet runs, perimeter of yard, footpaths, trails, picnic and camping sites, and other areas where these pests are present. Spray to apply 5 - 10 gallons per 1000 square feet but avoid runoff. This package will treat up to [Ed Note: **Subregistrant will add square feet measurement depending on package size**] square feet at 5 gallons per 1000 square feet and [Ed Note: **Subregistrant will add square feet measurement depending on package size**] square feet at 10 gallons per 1000 square feet. Apply 10 gallons per 1000 square feet for heavy infestations, faster activity or longer residual control. Treat grass and other ground cover plants that appear likely to serve as hiding sites for insects. Treat perimeter of buildings by applying under shrubbery, in and around ground cover surrounding buildings, and around and under decks and patios. Treat low underbrush, grassy areas, weeds, ground surface and debris using enough spray volume to obtain thorough coverage. For best results, the lawn should be moist at time of treatment. Spray when pests first appear, retreat only if pests reappear.

**Note:** Keep people and pets off treated surfaces until spray has dried. Do not treat pets with this product. Keep out of fish pools and other bodies of water.





2/10

**Pests Controlled on Lawns and Other Outdoor Areas**

Ants (1)	Earwigs
Aphids	Fire ants (2)
Armyworms	Fleas
Beetles	Grasshoppers
Centipedes	Mosquitoes (3)
Chiggers	Sod Webworms
Chinch bugs	(lawn moths)
Clover mites	Ticks (including Deer
Crickets	Ticks) (4)
Cutworms	

(-) Numbers in parenthesis refer to Specific Directions

**Specific Directions:**

1. For residual control of ants apply at 10 gallons per 1000 square feet.
2. For individual fire ant mounds, apply as a mound drench through the hose-end sprayer. Satisfactory results can be expected from gently applying 1-2 gallons to the mound and surrounding 2-3 foot diameter area. For best results, apply in cool weather, 65° to 80°F, or in early morning or late evening hours. Treat new mounds as they appear.
3. Mosquitoes coming to rest on areas treated for control of turf pests will be killed for varying periods of time after treatment, depending on exposure of treated areas to weathering conditions.
4. For effective tick control, trim weeds and high grass prior to and following treatment to reduce tick hiding area. Do not handle trimmings until spray has dried. Key months for deer tick control are April through November in most parts of the country. For specific timing of application in your geographic area, consult your extension service. Use enough spray volume to obtain thorough coverage.

**Outdoor Ornamentals**

Use Dursban ME 1.7 to treat flowers, shrubs, evergreens, vines, shade and flowering trees, and other ornamental plants found to be infested with pests such as, but not limited to, those listed in the following table. Use the hose-end sprayer to provide complete and uniform coverage. For best results apply as a coarse spray to thoroughly wet both upper and lower leaf surfaces and infested limb and trunk areas. Attempt to penetrate dense foliage but avoid over-spraying to the point of excessive runoff. Treat when pests appear and repeat only if pests reappear. Consult your Extension Service specialist for application timing.

**Note:** Environmental factors can affect plant damage when plants are sprayed with an insecticide. Dursban ME 1.7 has been tested on numerous ornamental plants without causing significant damage.

**Pests Controlled on Outdoor Ornamentals**

Ants	Grasshoppers
Aphids	Hornworms
Armyworms (Such as: Fall, Yellowstriped)	Leaf-feeding caterpillars
Bagworms (1)	Leafrollers (2)
Budworms, Spruce	Mealybugs, Citrus
Plant bugs	Katydids
Chiggers	Sawflies
Fall webworms	Spider mites (3)
	Ticks

(-) Numbers in parentheses refer to Specific Directions

9/10

**Specific Directions**

1. For **bagworms**, treat when the bags are small.
2. For effective control of **leafrollers**, spray should be applied before leaves are tightly rolled.
3. **Spider mites** are difficult to control. To increase effectiveness apply a second spray 3 to 5 days in Southern states or 7 to 10 days in Northern states after initial treatment.

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**Control of Wood Infesting Insects**


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Use Dursban ME 1.7 for the control of termites and other wood-infesting insects (ants and carpenter bees) found around homes and other buildings. Apply Dursban ME 1.7 to obtain thorough coverage but avoid run-off. Treat structures or other wood items such as deck posts, mailbox posts, fence posts, bird feeder support posts, or other places where wood comes in direct contact with soil. Treat the soil before setting posts or placing wood onto or into soil. Thoroughly wet soil and allow mixture to soak into soil before placing wood into or onto soil. **Wear chemically resistant gloves when handling freshly treated soil.**

For existing structures or other wood items spray localized areas, including voids and channels in damaged wood, in spaces between wooden members of a structure and between wood and foundations where infestation is likely to occur. Treatment of localized areas is intended to kill workers and winged reproductive forms of termites in the treated areas and to prevent infestation for a temporary period. This type of application is not intended to be a substitute for a professional soil treatment or mechanical alteration to control subterranean termites.

To control wood-infesting insects as well as other pests that find shelter in wood piles apply Dursban ME 1.7 as thoroughly as possible but avoid run-off. For optimal control treat the ground before stacking wood. To help reduce pests migrating from surrounding areas apply a band or perimeter treatment around the woodpile.

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**Precautionary Statements**


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**Hazards to Humans and Domestic Animals****Keep Out of Reach of Children****CAUTION****Harmful If Swallowed, Inhaled Or Absorbed Through Skin**

**Avoid contact with eyes, skin, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.**

**First Aid**

**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. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**If on skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**If in eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**In inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**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.

10/10

**Environmental Hazards**

This pesticide is toxic to birds, wildlife, fish and aquatic organisms. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

**Storage and Disposal**

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

**Storage:** Store in original container out of the reach of children and pets. Do not store above 122°F for extended periods of time. Preferred storage is above 40°F. Storage below 35°F may result in solidification. If warmed to above 32°F, product will return to original form. 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 according to label use directions or at an approved waste disposal facility.

[Note: Subregistrant should use the appropriate container disposal statement.]

**Container Disposal [Original Container/Hose-End Sprayer]:** If hose-end sprayer is to be reused, triple rinse and store out of reach of children. For disposal, wrap empty unit in several layers of newspaper and place in trash.

**Container Disposal [Dursban ME 1.7 Refill]:** Do not reuse empty container. Triple rinse, wrap empty container in several layers of newspaper, and place in trash.

**Warranty Disclaimer**

Seller 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, subject to the inherent risks set forth below. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

**Inherent Risks of Use**

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Seller. All such risks shall be assumed by Buyer.

**Limitation of Remedies**

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

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

Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. In no case shall Seller be liable for consequential or incidental damages or losses.

The terms of the "Warranty Disclaimer" above and this "Limitation of Remedies" cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the Seller or the seller is authorized to vary or exceed the terms of the "Warranty Disclaimer" or this "Limitation of Remedies" in any manner.

