

SPECIMEN LABEL

DURSBAN 1-12
INSECTICIDE

Controls Numerous Pests of Turf and Ornamental Plants
Also Recommended for Area Control of Fleas and Chiggers

ACTIVE INGREDIENTS
Chlorpyrifos (8.8 lb/1000 gal) 2.5%
Xylene (aromatic solvent) 25.4%
INERT INGREDIENTS
Contains 1 pound of chlorpyrifos per gallon

DOW
THE DOW CHEMICAL COMPANY

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS
Hazards to Humans
CAUSES EYE IRRITATION
HARMFUL IF SWALLOWED

Do Not Take Internally • Do Not Get in Eyes on Skin or Clothing • Wash Thoroughly After Handling
Wash Contaminated Clothing Before Reuse • Avoid Breathing Vapors and Spray Mist • Avoid Spraying Food Crops • Keep Away From Food, Feedstuffs, and Domestic Water Supplies • Keep Container Closed
Handle Concentrate in a Ventilated Area

STATEMENT OF PRACTICAL TREATMENT
If Swallowed: Do not induce vomiting. Drink water.
If on Skin: Wash with soap and water.
If in Eyes: Flush with water for 15 minutes.

Physical or Chemical Hazards
COMBUSTIBLE
Do Not Use or Store Near Heat or Open Flame
Do Not Cut or Weld Container

Environmental Hazards
This product is highly toxic to fish and aquatic life. Do not discharge into streams, rivers, or other bodies of water.

Note to Physician: In case of emergency, call your physician or the nearest hospital.

1-800-441-4400

PRECAUTION
TRANSLATION

USE DIRECTIONS

PESTS OUT-OF-DOORS

Pests on Outside Surfaces of Buildings: Use DURSBAN 1-12 as a contact spray on the exterior surfaces of buildings, including porches, patios, and walkways. Apply a light mist to the surfaces. For control of fleas and chiggers, apply a light mist to the areas where they are likely to be found.

Pests of Lawns and other Ornamental and Recreational Turf Grass Areas: Use DURSBAN 1-12 as a contact spray on the grass. Apply a light mist to the grass. For control of fleas and chiggers, apply a light mist to the areas where they are likely to be found.

DOSAGES AND DIRECTIONS for USE on TURF

Pest	Dosage DURSBAN 1-12 per 1000 sq. ft.	Remarks
Ants	1/2 to 1 gallon	Apply as a contact spray to the base of the plants.
Beetles	1/2 to 1 gallon	Apply as a contact spray to the base of the plants.
Chiggers	1/2 to 1 gallon	Apply as a contact spray to the base of the plants.
Fleas	1/2 to 1 gallon	Apply as a contact spray to the base of the plants.
Grasshoppers	1/2 to 1 gallon	Apply as a contact spray to the base of the plants.
Leafhoppers	1/2 to 1 gallon	Apply as a contact spray to the base of the plants.
Ticks	1/2 to 1 gallon	Apply as a contact spray to the base of the plants.
Worms	1/2 to 1 gallon	Apply as a contact spray to the base of the plants.

Area Control of Fleas and Chiggers: Use DURSBAN 1-12 as a contact spray on the base of the plants. Apply a light mist to the areas where they are likely to be found.

Application: Area Control of Fleas and Chiggers: Use DURSBAN 1-12 as a contact spray on the base of the plants. Apply a light mist to the areas where they are likely to be found.

Imported Fire Ant: Use DURSBAN 1-12 as a contact spray on the base of the plants. Apply a light mist to the areas where they are likely to be found.

DOSAGES and DILUTIONS for USE on ORNAMENTAL PLANTS

Pest	Amount of DURSBAN 1-12 in Water to Make	
	3 gallons	10 gallons
Ants	1/2 to 1 gallon	1/2 to 1 gallon
Beetles	1/2 to 1 gallon	1/2 to 1 gallon
Chiggers	1/2 to 1 gallon	1/2 to 1 gallon
Fleas	1/2 to 1 gallon	1/2 to 1 gallon
Grasshoppers	1/2 to 1 gallon	1/2 to 1 gallon
Leafhoppers	1/2 to 1 gallon	1/2 to 1 gallon
Ticks	1/2 to 1 gallon	1/2 to 1 gallon
Worms	1/2 to 1 gallon	1/2 to 1 gallon

NOTE: Use DURSBAN 1-12 as a contact spray on the base of the plants. Apply a light mist to the areas where they are likely to be found.

**REACH OF CHILDREN
WARNING**

Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. For more information, see the "Symptoms and Treatment" section of the label.

Physical or Chemical Hazards
COMBUSTIBLE
Do Not Use or Store Near Heat or Open Flame
Do Not Cut or Weld Container

Environmental Hazards
DURSBAN 1-12 is toxic to fish and other aquatic life. Do not apply directly to water or to areas where there are fish, snails, shells, or other aquatic life. Do not apply to areas where there are birds, bees, or other beneficial insects. Do not apply to areas where there are plants or animals that are sensitive to this product. Do not dispose of this product or its container in a way that will result in the release of this product into the environment. Apply this product in accordance with the directions on the label. This product is highly toxic to bees exposed to direct treatment of flowers on plants. Protective information has been provided to your Cooperative Agricultural Extension Service.

117-810-4400

PRECAUTIONARY STATEMENTS
TRANSLATION

USE DIRECTIONS

PESTS OUT OF-DOORS

Pests on Outside Surfaces of Buildings: Apply a solution of DURSIBAN 1-12 to the outside surfaces of buildings. This product is effective against a wide variety of pests, including ants, cockroaches, and other insects. Apply this product to the base of the building, to the walls, and to the roof. This product is also effective against ticks and chiggers. Apply this product to the ground around the building. This product is also effective against fleas and ticks on animals. Apply this product to the bedding and other areas where animals sleep. This product is also effective against mosquitoes and other biting insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against houseflies and other flies. Apply this product to the areas where these flies are most likely to be found. This product is also effective against beetles and other crawling insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against spiders and other arachnids. Apply this product to the areas where these arachnids are most likely to be found. This product is also effective against wasps and other stinging insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against bees and other beneficial insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against other pests that are common in and around buildings. Apply this product to the areas where these pests are most likely to be found.

Pests of Lawns and other Ornamental and Recreational Turf Grass Areas: Apply a solution of DURSIBAN 1-12 to the lawn and other ornamental and recreational turf grass areas. This product is effective against a wide variety of pests, including grubs, mole crickets, and other insects. Apply this product to the lawn and other areas where these insects are most likely to be found. This product is also effective against ticks and chiggers. Apply this product to the ground around the lawn and other areas where these insects are most likely to be found. This product is also effective against fleas and ticks on animals. Apply this product to the bedding and other areas where animals sleep. This product is also effective against mosquitoes and other biting insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against houseflies and other flies. Apply this product to the areas where these flies are most likely to be found. This product is also effective against beetles and other crawling insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against spiders and other arachnids. Apply this product to the areas where these arachnids are most likely to be found. This product is also effective against wasps and other stinging insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against bees and other beneficial insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against other pests that are common in and around lawns and other ornamental and recreational turf grass areas. Apply this product to the areas where these pests are most likely to be found.

Pests of Ornamentals: Apply a solution of DURSIBAN 1-12 to the ornamentals. This product is effective against a wide variety of pests, including aphids, scale insects, and other insects. Apply this product to the leaves and stems of the ornamentals. This product is also effective against ticks and chiggers. Apply this product to the ground around the ornamentals. This product is also effective against fleas and ticks on animals. Apply this product to the bedding and other areas where animals sleep. This product is also effective against mosquitoes and other biting insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against houseflies and other flies. Apply this product to the areas where these flies are most likely to be found. This product is also effective against beetles and other crawling insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against spiders and other arachnids. Apply this product to the areas where these arachnids are most likely to be found. This product is also effective against wasps and other stinging insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against bees and other beneficial insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against other pests that are common in and around ornamentals. Apply this product to the areas where these pests are most likely to be found.

Dogwood Borer: Apply a solution of DURSIBAN 1-12 to the dogwood trees. This product is effective against the dogwood borer. Apply this product to the trunk and branches of the dogwood trees. This product is also effective against ticks and chiggers. Apply this product to the ground around the dogwood trees. This product is also effective against fleas and ticks on animals. Apply this product to the bedding and other areas where animals sleep. This product is also effective against mosquitoes and other biting insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against houseflies and other flies. Apply this product to the areas where these flies are most likely to be found. This product is also effective against beetles and other crawling insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against spiders and other arachnids. Apply this product to the areas where these arachnids are most likely to be found. This product is also effective against wasps and other stinging insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against bees and other beneficial insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against other pests that are common in and around dogwood trees. Apply this product to the areas where these pests are most likely to be found.

Peach Tree Borer: Apply a solution of DURSIBAN 1-12 to the peach trees. This product is effective against the peach tree borer. Apply this product to the trunk and branches of the peach trees. This product is also effective against ticks and chiggers. Apply this product to the ground around the peach trees. This product is also effective against fleas and ticks on animals. Apply this product to the bedding and other areas where animals sleep. This product is also effective against mosquitoes and other biting insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against houseflies and other flies. Apply this product to the areas where these flies are most likely to be found. This product is also effective against beetles and other crawling insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against spiders and other arachnids. Apply this product to the areas where these arachnids are most likely to be found. This product is also effective against wasps and other stinging insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against bees and other beneficial insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against other pests that are common in and around peach trees. Apply this product to the areas where these pests are most likely to be found.

Attention: Lawn and Ornamental Plant Pests: Apply a solution of DURSIBAN 1-12 to the lawn and ornamental plants. This product is effective against a wide variety of pests, including grubs, mole crickets, and other insects. Apply this product to the lawn and other areas where these insects are most likely to be found. This product is also effective against ticks and chiggers. Apply this product to the ground around the lawn and other areas where these insects are most likely to be found. This product is also effective against fleas and ticks on animals. Apply this product to the bedding and other areas where animals sleep. This product is also effective against mosquitoes and other biting insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against houseflies and other flies. Apply this product to the areas where these flies are most likely to be found. This product is also effective against beetles and other crawling insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against spiders and other arachnids. Apply this product to the areas where these arachnids are most likely to be found. This product is also effective against wasps and other stinging insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against bees and other beneficial insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against other pests that are common in and around lawns and ornamental plants. Apply this product to the areas where these pests are most likely to be found.

Native Elm Bark Beetle: Apply a solution of DURSIBAN 1-12 to the native elm bark beetle. This product is effective against the native elm bark beetle. Apply this product to the trunk and branches of the native elm bark beetle. This product is also effective against ticks and chiggers. Apply this product to the ground around the native elm bark beetle. This product is also effective against fleas and ticks on animals. Apply this product to the bedding and other areas where animals sleep. This product is also effective against mosquitoes and other biting insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against houseflies and other flies. Apply this product to the areas where these flies are most likely to be found. This product is also effective against beetles and other crawling insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against spiders and other arachnids. Apply this product to the areas where these arachnids are most likely to be found. This product is also effective against wasps and other stinging insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against bees and other beneficial insects. Apply this product to the areas where these insects are most likely to be found. This product is also effective against other pests that are common in and around native elm bark beetle. Apply this product to the areas where these pests are most likely to be found.

DOSAGES and DILUTIONS for USE on ORNAMENTAL PLANTS

Pests Controlled	Amount of DURSIBAN in Water to Make	
	3 gallons	10 gallons
Aphid	2.5 oz	1.0 oz
Scale	2.5 oz	1.0 oz
Spider	2.5 oz	1.0 oz
Tick	2.5 oz	1.0 oz
Chigger	2.5 oz	1.0 oz
Grub	2.5 oz	1.0 oz
Mole cricket	2.5 oz	1.0 oz
Beetle	2.5 oz	1.0 oz
Fly	2.5 oz	1.0 oz
Wasp	2.5 oz	1.0 oz
Bee	2.5 oz	1.0 oz
Other	2.5 oz	1.0 oz

DOW DURSIBAN 1-12 INSECTICIDE

Controls Numerous Pests of Lawn and Ornamental Plants. Also Recommended for Area Control of Ticks and Chiggers.

ACTIVE INGREDIENTS:
Chlorpyrifos 0.068% (1.5 lbs/100 lbs) 1.5%
Xenon range aromatic solvent 25.0%
INERT INGREDIENTS: 74.5%
Contains 1 pound of chlorpyrifos per gallon.

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS
Hazards to Humans:
CAUSES EYE IRRITATION - HARMFUL IF SWALLOWED
Do Not Take Internally - Do Not Get in Eyes, on Skin or Clothing - Wash Thoroughly After Handling - Wash Contaminated Clothing Before Reuse - Avoid Breathing Vapors and Spray Mist - Avoid Spraying Food Crops - Keep Away from Food, Feedstuffs and Domestic Water Supplies - Keep Container Closed - Handle Concentrate in a Ventilated Area

Swallowed: Rinse Mouth with Water - Do Not Induce Vomiting - Get Medical Attention - Show Container Label to Doctor.

Note to Physician:
Physical or Chemical Hazards:
COMBUSTIBLE: Do Not Use or Store Near Heat or Open Flame

473.2 ml 16 fl oz

DO NOT REMOVE THIS LABEL FROM THE BOTTLE.
DO NOT REMOVE THIS LABEL FROM THE BOTTLE.
DO NOT REMOVE THIS LABEL FROM THE BOTTLE.

Read attached booklet for complete precautions, dilutions for use and storage and disposal instructions.

THE DOW CHEMICAL COMPANY
Midland, TX 79701

517-438-4000

EPA Registration No. 440-152
EPA Est. No. 1515-1

SL2300

NOV 28 1983

Mrs. J. L. Page
Dow Chemical U.S.A.
Agricultural Products Department
P.O. Box 1706
Midland, MI 48640

Dear Mrs. Page:

Subject: Delete Professional Use Statement
Dursban 1-12 Insecticide
EPA Registration No. 464-572
Application Dated October 17, 1983

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Note: In order for this product to be marketed with the indoor use directions and mosquito control directions, the labeling must be amended to add the professional use statement.

Sincerely yours,

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

DCR-28437:Ellenberger:RD-16:11/25/83:Del.12/9/83:pjt

BEST DOCUMENT AVAILABLE

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							