

Specimen Label

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.

"This pesticide is toxic to birds and other wildlife and extremely toxic to fish and aquatic organisms. 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 to cleaning of equipment or disposal of waste."

Dursban* L.O. Insecticide

RECEIVED
MAY 31 1985
Under the Federal Insecticide, Fungicide and Rodenticide Act, this product is registered under EPA Reg. No. 464-571

Controls Numerous Pests In and Around Households

~~To Be Applied Only by or Under the Supervision of Commercial Applicators Responsible for Insect Control Programs. Not Intended for Use by Homeowners.~~

Active Ingredient(s):

Chlorpyrifos [O,O-diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate] 41.5%
~~Xylene Range Aromatic Solvent 11.5%~~

Inert Ingredients

..... 47.0%

Contains 4 pounds of chlorpyrifos per gallon

E.P.A. Registration No. 464-571

E.P.A. Est. 11715-TN-1

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

58.5%

KEEP OUT OF REACH OF CHILDREN

WARNING

AVISO:

PRECAUCION AL USUARIO:

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

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

~~**HARMEIL IF SWALLOWED • HARMEIL IF ABSORBED THROUGH SKIN • CAUSES EYE AND SKIN IRRITATION**~~

~~**Avoid Contact With Eyes, Skin, Or Clothing • Wash Thoroughly After Handling • Remove Contaminated Clothing and Wash Before Reuse • Avoid Breathing Vapors and Spray Mist • Avoid Spraying Food Crops • Keep Container Closed • Handle Concentrate in a Ventilated Area**~~

STATEMENT OF PRACTICAL TREATMENT: If

~~**Swallowed:** Do not induce vomiting. Contains aromatic petroleum solvent. Call a physician immediately. **If On Skin:** Immediately remove contaminated clothing and wash with plenty of soap and water. Get medical attention if irritation persists. **If In Eyes:** Flush eyes with plenty of water for 15 minutes. Call a physician~~

~~**NOTE TO PHYSICIAN:** Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate degree of exposure (baseline data are useful). Atropine, only by~~

~~If swallowed: Call a physician or Poison Control Center immediately. Do not induce vomiting. Contains an aromatic petroleum solvent. Do not give anything by mouth to an unconscious person. If on skin: Immediately wash with plenty of soap and water. Get medical~~

~~attention. **If in eyes:** Flush with plenty of water for 15 minutes. Get medical attention if irritation persists. **If inhaled:** Remove to fresh air if symptoms of cholinesterase inhibition appear and get medical attention immediately.~~

injection, is the preferable antidote. Oximes, such as 2-PAM, protropam, may be therapeutic if used early, however, use only in conjunction with atropine. In case of severe acute poisoning, use antidotes immediately after establishing an open airway and respiration

Physical or Chemical Hazards

COMBUSTIBLE • Do Not Use or Store Near Heat or Open Flame.

Environmental Hazards

~~The product is toxic to fish, wildlife and birds. Do not apply directly to lakes, streams, ponds or public waters. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply directly to water.~~

NOTICE

~~Read the entire label. 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 the Limit of Warranty and Liability.~~

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

Harmful if swallowed. Harmful if absorbed through skin. Causes substantial but temporary eye injury. May cause skin irritation.

Do not get in eyes, on skin or clothing. Wear eye protection. Avoid breathing vapors and spray mist. Handle concentrate in a ventilated area. Wash

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

DIRECTIONS FOR USE

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

Do not tank mix this product with diclorvos (DDVP) containing products. Can be tank-mixed with methoprene or pyrethrin-containing products

PESTS INDOORS

General Information: Use DURSBAN L O insecticide to control the pests indicated in areas listed below by application as a 0.25% or 0.5% chlorpyrifos spray. Use the 0.25% spray to control light infestations and the 0.5% spray to quickly reduce heavy infestations or as directed. To prepare the spray dilute DURSBAN L O with water as shown in the following SPRAY DILUTION CHART. Repeat the treatment as needed.

SPRAY DILUTION CHART

Gallons of Spray Mixture Desired	Amount of DURSBAN L.O. to Use			
	0.25% spray		0.50% spray	
Water-base spray	fl oz	ml	fl oz	ml
1	2.3	20	1-1.3	40
2	1-1.3	40	2-2.3	80
3	2	60	4	120

Note: 1 fluid ounce = 2 tablespoonsful = 6 teaspoonfuls

Application Within Food Handling Establishments (Places Other Than Private Residences in Which Food is Held, Processed, Prepared or Served) Including, But Not Limited to, Restaurants, Grocery Stores, Bakeries, Bottling Plants, Canneries, and Grain Mills: Use as a spot treatment in and around both food and nonfood areas to control cockroaches (including strains resistant to certain other insecticides), ants, crickets, firebrats, silverfish, spiders, and stored product insects, such as confused flour beetles, saw-toothed grain beetles, Indian meal moths, rice weevils, Mediterranean flour moths, and red flour beetles. Apply as a coarse, low pressure (20 psi or less) spray to localized areas. Do not introduce the spray into the air or allow the spray to contact food or food-contacting surfaces. Areas treated may include dark corners of rooms and closets, along and behind baseboards, beneath and behind stoves, refrigeration units and similar food preparation areas and equipment, floor drains, and around plumbing and other utility installations. For ants apply to ant trails and wherever these pests may find entrance.

Spot treatment may include crack and crevice treatment by applying small amounts of material directly into openings leading to voids and hollow spaces in walls and on and around equipment legs and bases of equipment. Equipment capable of delivering a pin stream of insecticide should be used. Repeat treatment as needed but not more often than once every 7 days in restaurants and similar food service establishments or more often than once every 14 days in other types of food handling establishments. In case of emergency (call back) DURSBAN L O may be applied after 2 days from the last treatment, but emergency use should be limited to once per month.

APPLICATION OF THIS PRODUCT IN FOOD HANDLING ESTABLISHMENTS OTHER THAN AS A SPOT AND OR CRACK AND CREVICE TREATMENT ARE NOT PERMITTED

Application Within Residential Buildings Including Homes and Apartment Buildings and Within Nonfood Areas of Industrial, Institutional, and Commercial Buildings Including Hospitals, Stores, Manufacturing Plants and Warehouses: For Spot Treatment Only - Apply as a

coarse spray or with a paint brush to localized areas where cockroaches, (including strains resistant to certain other insecticides), ants, clover mites, crickets, firebrats, silverfish, and spiders are found or normally occur, including dark corners of rooms and closets, cracks and crevices in walls, along and behind baseboards, beneath and behind sinks, stoves, refrigerators, and cabinets, around plumbing and other utility installations. For ants apply to ant trails, also around doors and windows and wherever else these pests may find entrance. For clover mites use a 0.5% spray only. Note: A period of 4 to 7 days is normally required to maximum effect on cockroaches.

For control of carpet beetles, thoroughly apply a 0.5% spray as a spot treatment along baseboards and edges of carpeting, under carpeting, rugs and furniture, in closets and on shelving, and wherever else these insects are seen or suspected.

For control of brown dog ticks, thoroughly apply a 0.5% spray as a spot treatment to infested areas such as pet beds and resting quarters, nearby cracks and crevices, along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment of pet areas. Additionally, treat pets with a product registered for use on pets. DO NOT TREAT PETS WITH THIS PRODUCT.

For control of fleas, thoroughly apply a fine-particle broadcast spray of 0.25% to infested rugs, carpets, pet beds and pet resting areas. A 0.5% dilution can be used to control heavy infestations or for extended residual control. Use one gallon of diluted spray per 1600 square feet. Cover aquaria and fish bowls and remove birds such as canaries from area prior to treating. Other than applicator, treated areas should be vacated during application. DO NOT PERMIT HUMANS OR PETS TO CONTACT TREATED SURFACES UNTIL THE SPRAY HAS DRIED. Old pet bedding should be replaced with fresh, clean bedding after treatment. Do not treat pets with this product. To control the source of flea infestation, pets inhabiting the treated premises should be treated with a product registered for application to animals.

WOOD INFESTING INSECTS

General Information: Wear suitable protective clothing when using or handling this product to help avoid exposure to eyes and skin. As a minimum, chemical worker goggles, protective head covering, neoprene or natural rubber gloves and footwear, a long-sleeved shirt and long legged pants or coveralls are recommended. To avoid breathing spray mist during application in confined areas wear a mask or respirator of a type recommended by NIOSH for filtering spray mists and organic vapors. When spraying overhead interior areas of homes, apartment buildings, etc. to the point of runoff, cover all surface below the area being sprayed with plastic sheeting or other material which could be disposed of by placing in trash, contamination from dripping occurs.

Do not permit humans or pets to contact treated surface until spray has dried.

Dosage and Mixing Instructions: To prepare a 0.5% aqueous emulsion containing 0.5% chlorpyrifos, add 1-1.3 fl oz (40 ml) of DURSBAN L O insecticide to every gallon of final spray mixture desired. To prepare a 1% emulsion add 2.2 fl oz (80 ml) of product per gallon of spray.

For control of wood infesting beetles of the families Lyctidae, Bostrichidae, Anobiidae and Cerambycidae in homes and other structures, apply an emulsion containing 0.5% to 1% chlorpyrifos. For treatment of small areas, apply by brushing the emulsion evenly on wood surfaces. For

To control wood infesting insects such as: powderpost beetles (Lyctidae), false powderpost beetles (Bostrichidae), deathwatch beetles (Anobiidae), old house borers (Cerambycidae) and ambrosia beetles (Scolytidae).

large or overhead areas, apply as a coarse spray to the point of run-off

For control of carpenter ants in homes and other structures, apply a solution containing 0.5% chlorpyrifos around doors and windows and other places where carpenter ants enter the premises and where they crawl and hide. Also spray into cracks and crevices or through openings or small newly drilled holes into wall voids where these ants or their nests are present. Use a sufficient amount of coarse spray to cover the area to the point of run-off

For control of termites (localized areas in structures) apply a 0.5% solution to voids and channels in damaged wood and in spaces between wooden members of a structure and between wood and foundations where infestation is likely to occur. Application may be made to inaccessible areas by drilling and then injecting the solution. Use a sufficient amount of coarse spray to cover the area to the point of run-off. Treatment of localized areas is intended to kill workers and winged reproductive forms of termites in the treated areas and to prevent infestations for a temporary period. This type of application is not intended to be a substitute for soil treatment or mechanical alteration to control subterranean termites

ATTENTION (Pests Indoors): Do not apply waterbase sprays of this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. Do not use in poultry houses or other animal buildings. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated by application of this product. Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish bowls (tanks) before spraying

PESTS OUT-OF-DOORS

General Information: Use DURSBAN L O for control of certain pests on outside surfaces of buildings and for perimeter treatment. Consult the following directions for dosage and application details to control the pests listed:

Perimeter Treatment and Pests on Outside Surfaces of Buildings: Use DURSBAN L O at the rate of 4 fluid ounces per 3 gallons of water (0.5% chlorpyrifos emulsion) to control ants, clover mites, cockroaches, crickets, earwigs, fleas, flies, millipedes, mosquitoes, sowbugs (pillbugs), spiders, and ticks by application as a residual spray or with a paint brush to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Do not treat or allow the spray to contact flowering plants because of possible injury. Repeat treatment as needed to maintain effectiveness

NOTE: To help prevent infestation of buildings by ants, crickets, earwigs, millipedes, and sowbugs (pillbugs) 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 8 ounces of DURSBAN L O per 100 gallons of water and apply as a coarse spray at the rate of about 10 gallons spray mixture per 1000 sq. ft. to thoroughly and uniformly wet the band area

STORAGE AND DISPOSAL

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

STORAGE: Store Above Freezing (32 F). Crystals may form in this product if stored below freezing (32 F). If crystals are present, warm to above 55 F and shake occasionally until crystals disappear

bottle. Rinse thoroughly before discarding in trash.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures

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, express or implied, extends to the use of this product contrary to label instructions (including 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 ~~Limit of Warranty and Liability~~ 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.

RQ/INSECTICIDE LIQUID N.O.S. (Chlorpyrifos) NA1993

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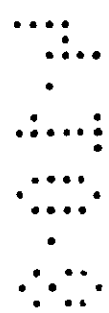
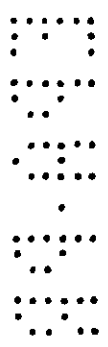


THE DOW CHEMICAL COMPANY
Midland, Michigan 48640 U.S.A.

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. Storage below 40°F may result in formation of crystals. If product crystallizes, store at 55-75°F and shake occasionally to redissolve crystals. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

(1 pint, quart, gallon (plastic)) Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill or by incineration, or if allowed, by state and local authorities, by burning. If burned, stay out of smoke.

(55 gallon drum) Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.



SPECIMEN LABEL 86-1686 DATE CODE 1084
 REPLACES 86-1686 DATE CODE 284
 DISCARD PREVIOUS SPECIMEN LABELS

REVISIONS INCLUDE:
 1) REVISED FORMAT PER PR 83-3
 2) NOTE TO PHYSICIAN
 3) WARRANTY

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