

BEST AVAILABLE COPY

BONIDE

DURSBAN* 2E INSECTICIDE (AREA CONTROL)

AREA CONTROL OF MOSQUITOES AND TICKS,
COCKROACHES, BROWN DOG TICKS, FLEAS,
SILVERFISH, CRICKETS, FIREBRATS, CARPET BEETLES,
ANTS, SPIDERS, AND WOOD-INFESTING BEETLES

ACTIVE INGREDIENTS:

Chlorpyrifos [O,O'-diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate] 24.5%

Xylene 68.9%

INERT INGREDIENTS:

Contains 2 pounds of chlorpyrifos per gallon 4.6%

*DURSBAN® — Trademark of The Dow Chemical Co., U.S. Patent No. 3,244,586

EPA Est. 4-NY-1 EPA Reg. No. 4-212

TO BE APPLIED ONLY BY OR UNDER THE SUPERVISION OF PEST CONTROL OPERATORS,
PUBLIC HEALTH ORGANIZATIONS, MOSQUITO ABATEMENT DISTRICTS AND OTHER TRAINED
PERSONNEL RESPONSIBLE FOR INSECT CONTROL PROBLEMS.

KEEP OUT OF REACH OF CHILDREN

WARNING

(See side panel for additional precautionary statements)

NET CONTENTS 1 QUART

ACCEPTED

DEC 19 1982

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under 4-212
EPA Reg. No. 4-212

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

WARNING

May be fatal if swallowed. Combustible liquid. May be absorbed through skin. May be poisonous to eyes and skin. Do not get in eyes or on skin. Avoid breathing dust or vapors.

Note to Physician: Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine is antidotal.

WARNING (Pests Indoors): For spot application only. Do not use in poultry houses, or in animal buildings or in edible products areas of food processing plants, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed. Do not allow spray to contact food, feedstuffs and water supplies. 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.

STATEMENT OF PRACTICAL TREATMENT

- If Swallowed — Do not induce vomiting. Call a physician immediately.
- If on Skin — In case of contact, remove contaminated clothing and immediately wash skin with soap and water.
- If in Eyes — Flush eyes with plenty of water. Call a physician.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated. Apply this product only as specified on this label. DURSBAN 2E Insecticide is toxic to shrimp and crabs. Do not apply to water containing valuable crustaceans. Consult your State Fish and Game Department before using this product for mosquito control. This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame. Handle concentrate in ventilated area.

DIRECTIONS FOR USE

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

DISPOSAL

Do not reuse empty container. Wrap and put in trash collection.

PESTS INDOORS: Use DURSBAN 2E Insecticide as a spot treatment to control cockroaches, ants, carpet beetles, crickets, firebrats, silverfish, spiders, brown dog ticks, and wood-infesting beetles in and around residential, institutional, stores and warehouses. Dilute DURSBAN 2E with water or with a suitable oil to make a 0.25% or 0.50% chlorpyrifos spray as shown in the following SPRAY DILUTION CHART. Apply according to directions given for pests. Repeat the treatment as needed.

SPRAY DILUTION CHART		
Gallons of Spray Mixture Desired	Fluid Ounces* of DURSBAN 2E to Use	
	0.25% spray	0.50% spray
Water base spray		
1	2	4
5	10	20
10	20	40
Oil base spray**		
1	1	2
5	5	10
10	10	20

*Note: 1 fluid ounce = 2 tablespoonfuls = 6 teaspoonfuls

**Calculated on basis of deaerized hexane

BEST AVAILABLE COPY

COCKROACHES (including strains resistant to certain other insecticides, **ANTS** (including **FIRE ANTS**), **CRICKETS**, **FIREBRATS**. Use a 0.25% spray to control light infestations and a 0.50% spray to quickly reduce heavy infestations. Apply as a coarse spray or with a hose nozzle in areas where these pests are found or normally occur, including dark corners of rooms and closets, cracks and crevices in wall boards, beneath and behind sinks, stoves, refrigerators and cabinets, around plumbing and other utility installations. For ants, spray around doors and windows and wherever else these pests may find entrance. Note: A period of 4 to 7 days is normally required to control cockroaches.

FOR CONTROL OF CARPET BEETLES: Thoroughly apply a 0.5% spray as a spot treatment along baseboards and edges of carpets and furniture, in closets and on shelving, and wherever else these insects are seen or suspected.

FLEAS & BROWN DOG TICKS: Thoroughly apply a 0.50% spray as a spot treatment to infested areas such as pet beds and resting areas and crevices; along and behind baseboards, window and door frames and localized areas of floor and floor covering where the flea and tick infestation is most likely to occur. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment. **DO NOT TREAT PETS WITH THIS PRODUCT.** Treat pets with a product registered for animal application to control the source of flea infestation.

WOOD-INFESTING BEETLES: Wear suitable protective equipment and clothing when using or handling this product to help avoid irritation. As a minimum, chemical worker's goggles, neoprene or natural rubber gloves and footwear, a long-sleeved shirt and long-leg trousers are recommended. To avoid breathing spray mist during application in confined areas, wear a mask or respirator of a type recommended for spray mists and organic vapors.

To control wood-infesting beetles of the families Lyctidae, Anobiidae and Cerambycidae in homes and other structures, apply a 1% chlorpyrifos (double the 0.50% spray table). For treatment of small areas, apply by brushing the emulsion evenly on wood surfaces. For overhead areas apply as a coarse spray to the point of runoff. Sprayed surfaces should be avoided until the spray has totally dried. Do not use in food areas of food handling establishments, restaurants or other areas where food is commercially prepared or served while food is exposed. Do not use in structures occupied by animals to be used for food purposes or which produce food. Do not use in food areas of food handling establishments, restaurants or other areas where food is commercially prepared or served.

AREA CONTROL OF TICKS: Use DURSBAN 2E to control ticks infesting non-crop land areas such as roadsides, footpaths and sites, parks and other recreational areas where these pests are present and create a nuisance or possible public health problem. Apply at the rate of 1 pint per acre (equivalent to 1 fluid ounce per 2,700 sq. ft.) using a hydraulic sprayer, mist applicator, knapsack sprayer or power spray equipment. Treat low underbrush, grassy areas, weeds and ground surface and debris using enough spray to give thorough coverage usually 40 to 100 gallons per acre.

WARNING (Area Control of Ticks): Do not allow public use of treated areas during application or until spray has dried. Do not apply where runoff into lakes, streams, ponds or other bodies of water is likely to occur. Do not apply where runoff into lakes, streams, ponds or other bodies of water is likely to occur. Do not apply where runoff into lakes, streams, ponds or other bodies of water is likely to occur. Do not apply where runoff into lakes, streams, ponds or other bodies of water is likely to occur.

MOSQUITOES: Apply DURSBAN 2E mixed in the water or oil required to give uniform coverage of mosquito infested non-crop areas. Use rates shown in the following table.

CONDITIONS OF AREA TO BE TREATED	CONDITIONS AND RATES TO USE FOR MOSQUITO CONTROL		
	AMOUNT TO USE PER ACRE	POUNDS ACTIVE DURSBAN	GALLONS PER ACRE
General Control - Area with medium vegetative cover	1.0	0.015	100
Area with heavy vegetative cover	1.5	0.023	150
Area with medium vegetative cover	1.0	0.015	100
Area with heavy vegetative cover	1.5	0.023	150

*The higher dosage will also give faster knockdown and longer residual control where there is little or no vegetative cover. Use the higher dosage should be used only where there are no fish or crustaceans or where the loss of fish, crustaceans or lower components of the aquatic life will not be significant.

FIRE ANTS: Mix at the rate of 1 fl. oz. per 2 gal. water, and apply 1 gal. of solution per mound. Thoroughly wet the mound and surrounding area. For best results, apply in cool weather (65-80°F), or in early morning or late evening hours. Treat new mounds as they appear. Apply as a gentle rain from a sprinkler can or using low pressure spray since pressurized sprays may disturb the ants causing reduced effectiveness.

Recommendations for use of this product are based upon tests believed to be reliable. The buyer must assume all responsibility for the results when not used in strict accordance with directions or established safe practice, or when used under abnormal conditions not intended by the seller.