

**AREA CONTROL OF TICKS:** Use DURSBAN 2E to control ticks infesting non-crop land areas such as meadows, footpaths and trails, picnic and camping sites, parks and other recreational areas where ticks are present. Do not use in residential or possible public health problems. Apply DURSBAN 2E at a rate of 1 pint per acre. For areas larger than 1/4 acre, use 2,700 sq. ft.) using a hydraulic sprayer, mist applicator, backpack sprayer or other suitable spray equipment. Treat low underbrush, grassy areas, woods and ground surface and debris using enough spray solution to provide 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 when weather conditions favor drift from treated areas. Do not apply where runoff into lakes, streams, ponds or other bodies of water is likely to occur. Fish and crustaceans may be killed if their waters are contaminated with this product.

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

| Amount of Water or Oil to be Added | Amount of DURSBAN 2E to be Added |
|------------------------------------|----------------------------------|
| 1 gallon                           | 1/2 ounce                        |
| 2 gallons                          | 1 ounce                          |
| 3 gallons                          | 1 1/2 ounces                     |
| 4 gallons                          | 2 ounces                         |
| 5 gallons                          | 2 1/2 ounces                     |
| 10 gallons                         | 5 ounces                         |
| 15 gallons                         | 7 1/2 ounces                     |
| 20 gallons                         | 10 ounces                        |
| 25 gallons                         | 12 1/2 ounces                    |
| 30 gallons                         | 15 ounces                        |
| 40 gallons                         | 20 ounces                        |
| 50 gallons                         | 25 ounces                        |
| 100 gallons                        | 50 ounces                        |

The higher dosage will also give faster knockdown and longer residual control where there is little or no vegetative cover. Under such conditions this dosage should be used only where there are no fish or crustaceans or where the loss of fish, crustaceans or lower components of the food chain would not be significant.

**WARNING:** DURSBAN 2E insecticide is toxic to shrimp, crabs and fish. Do not apply to water containing valuable crustaceans and fish. Consult your State Fish and Game Department before using this product for mosquito control.

**WARNING:** May be fatal if swallowed. Combustible liquid. May be absorbed through skin. May be injurious to the eyes and skin. Do not get in eyes or on skin. Wash thoroughly after handling. Wash contaminated clothing before re-use. Flush contaminated eyes with plenty of water and get medical attention. Avoid breathing spray mist or vapors.

**Note to Physician:** Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine is antidotal. Avoid spraying food crops. Keep away from food, feedstuffs and domestic water supplies. Keep container closed and away from heat and open flame. Handle concentrate in a ventilated area. Promptly crush empty container and bury with wastes in location away from domestic water supplies.

This product is toxic to fish, birds and other wildlife. Apply only as specified on this label. Do not contaminate water by cleaning of equipment or disposal of wastes. Keep out of lakes, streams, or ponds. Do not apply when weather conditions favor drift from areas treated.

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.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but 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, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk for any such use.

Packed by **BORIDE CHEMICAL CO., INC., UTICA, NEW YORK 13602**

# DURSBAN\* 2E INSECTICIDE (AREA CONTROL)

**AREA CONTROL OF MOSQUITOES AND TICKS, COCKROACHES,  
BROWN DOG TICKS, SILVERFISH, CRICKETS, FIREBRATS,  
ANTS AND SPIDERS**

EPA Reg. No. 4-212

**ACTIVE INGREDIENTS:**  
Chlorpyrifos (O,O-diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate) ..... 24.5%  
Xylene ..... 68.9%  
**INERT INGREDIENTS:** ..... 6.6%  
Contains 2 pounds of chlorpyrifos per gallon  
\*DURSBAN® — Trademark of The Dow Chemical Co., U.S. Patent No. 3,244,586

**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 PROGRAMS**

**WARNING: KEEP OUT OF REACH OF CHILDREN  
(See side panel cautions)**

**NET CONTENTS 1 QUART**

**PESTS Indoors:** Use DURSBAN 2E Insecticide as a spot treatment to control cockroaches, ants, crickets, firebrats, silverfish, spiders and brown dog ticks in and around residential, institutional and commercial buildings, including homes, apartment buildings, hospitals, stores and warehouses. Dilute DURSBAN 2E with water or with a suitable base 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 listed. Repeat the treatment as needed.

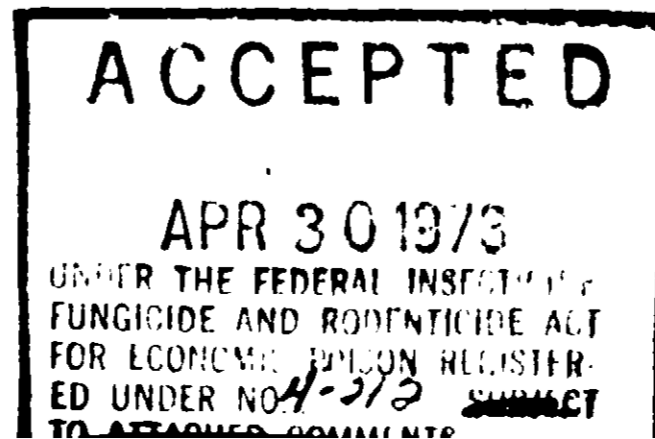
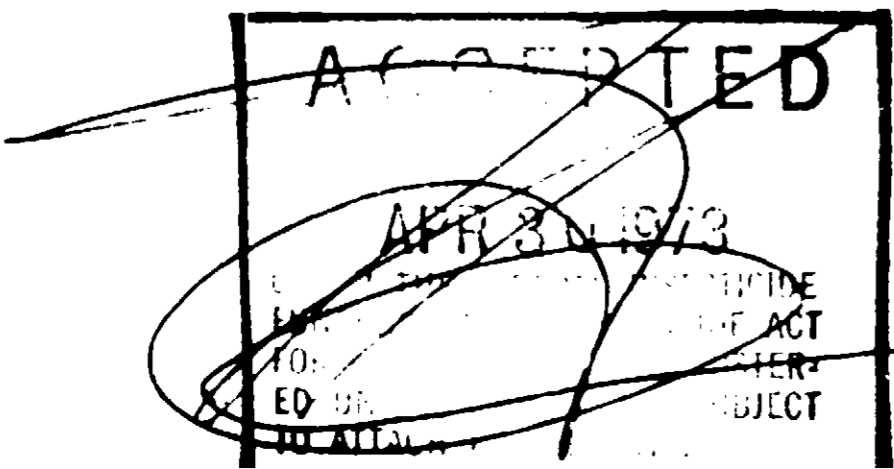
| SPRAY DILUTION CHART             |                                    |             |
|----------------------------------|------------------------------------|-------------|
| Gallons of Spray Mixture Desired | Fluid Ounces* of DURSBAN 2E to Use |             |
|                                  | 0.25% spray                        | 0.50% spray |
| Water-base Spray:                | 1                                  | 2 1/2       |
|                                  | 3                                  | 8           |
|                                  | 5                                  | 13 1/2      |
|                                  | 10                                 | 26 1/2      |
| Oil base spray:**                | 1                                  | 2           |
|                                  | 3                                  | 6           |
|                                  | 5                                  | 10          |
|                                  | 10                                 | 21          |

\*Note: 1 fluid ounce = 2 tablespoonfuls = 6 teaspoonfuls  
\*\*Calculated on basis of deodorized kerosene

**COCKROACHES** (including strains resistant to certain other insecticides), **ANTS**, **CRICKETS**, **FIREBRATS**, **SILVERFISH**, **SPIDERS:** 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 paint brush to localized areas where these pests 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. Note: A period of 4 to 7 days is normally required for maximum effect on cockroaches.

**BROWN DOG TICKS:** Thoroughly apply a 0.50% spray as a spot treatment to infested areas such as pet beds and nesting 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. Do not treat pets with this product.

**WARNING (PESTS Indoors):** For spot application only. Do not use in poultry houses, other 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 tanks before



**AREA CONTROL OF TICKS:** Use DURSBAN 2E to control ticks infesting non-crop land areas such as roadsides, footpaths and trails, picnic and camping sites, parks and other recreational areas where these pests are present and create a nuisance or possible public health problem. Apply DURSBAN 2E in water 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 other suitable hand or power spray equipment. Treat low underbrush, grassy areas, weeds and ground surface and debris using enough spray volume to obtain 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 when weather conditions favor drift from treated areas. Do not apply where runoff into lakes, streams, ponds or other bodies of water is likely to occur. Fish and crustaceans may be killed if their waters are contaminated with this product.

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

| CONDITION OF AREA TO BE TREATED              | CONDITIONS AND RATES TO USE FOR MOSQUITO CONTROL |  |   |
|--|--|--|---|
|  | FLUID OUNCES<br>PER 2,700 SQ. FT.                | POUNDS ACTUAL DURSBAN<br>PER 100 GALS. | NUMBER GALS. 1 GAL. DURSBAN 2E WILL TREAT |
| ADULT CONTROL - LIGHT TO MODERATE VEGETATION | 1/2 to 1   | 1/8 to 1/4                             | 10 to 20                                  |
| ADULT CONTROL - LIGHT TO MODERATE VEGETATION | 1 to 2   | 1/4 to 1/2                             | 5 to 10                                   |
| ADULT CONTROL - LIGHT TO MODERATE VEGETATION | 2 to 4   | 1/2 to 1                               | 2 to 5                                    |
| ADULT CONTROL - LIGHT TO MODERATE VEGETATION | 4 to 8   | 1 to 2                                 | 1 to 2                                    |

\*The higher dosage will also give faster knockdown and longer residual control where there is little or no vegetative cover. Under such conditions this dosage should be used only where there are no fish or crustaceans or where the loss of fish, crustaceans or lower components of the food chain would not be significant.

**WARNING:** DURSBAN 2E Insecticide is toxic to shrimp, crabs and fish. Do not apply to water containing valuable crustaceans and fish. Consult your State Fish and Game Department before using this product for mosquito control.

**WARNING:** May be fatal if swallowed. Combustible liquid. May be absorbed through skin. May be injurious to the eyes and skin. Do not get in eyes or on skin. Wash thoroughly after handling. Wash contaminated clothing before re-use. Flush contaminated eyes with plenty of water and get medical attention. Avoid breathing spray mist or vapors.

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

Avoid spraying food crops. Keep away from food, feedstuffs and domestic water supplies. Keep container closed and away from heat and open flame. Handle concentrate in a ventilated area. Promptly crush empty container and bury with wastes in location away from domestic water supplies.

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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.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but 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, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk for any such use.

Packed by **BONIDE CHEMICAL CO., INC., UTICA, NEW YORK 13502**

**PESTS INDOORS:** Use DURSBAN 2E Insecticide as a spot treatment to control cockroaches, ants, crickets, firebrats, silverfish, spiders and brown dog ticks in and around residential, institutional and commercial buildings, including homes, apartment buildings, hospitals, stores and warehouses. Dilute DURSBAN 2E with water or with a suitable base 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 listed. Repeat the treatment as needed.

| Gallons of Spray Mixture Desired | SPRAY DILUTION CHART               |             |
|----------------------------------|------------------------------------|-------------|
|                                  | Fluid Ounces* of DURSBAN 2E to Use |             |
| Water-base Spray:                | 0.25% spray                        | 0.50% spray |
| 1                                | 1 1/2                              | 2 1/2       |
| 3                                | 4                                  | 8           |
| 5                                | 6 1/2                              | 13 1/2      |
| 10                               | 13 1/2                             | 26 1/2      |
| Oil base spray:**                |                                    |             |
| 1                                | 1                                  | 2           |
| 3                                | 3                                  | 6           |
| 5                                | 5                                  | 10          |
| 10                               | 10                                 | 21          |

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

\*\*Calculated on basis of deodorized kerosene

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**BROWN DOG TICKS:** Thoroughly apply a 0.50% 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. Do not treat pets with this product.

**WARNING (PESTS INDOORS)** For spot application only. Do not use in poultry houses, other 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 (etc.) before

