

ACCEPTED

JUL 1 1977

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 464-360

**DOW** **DURSBAN\* 4E**  
**INSECTICIDE**

Controls Numerous Pests of Residential, Industrial,  
Institutional, and Commercial Buildings

To Be Applied Only By or Under the Supervision of Pest Control Operators, Public Health  
Organizations, and Other Trained Personnel Responsible for Insect Control Programs.

**ACTIVE INGREDIENTS:**

Chlorpyrifos (O,O-diethyl O-(3,5,6-trichloro-2-pyridyl)  
phosphorothioate) ..... 41.2%  
Aromatic petroleum derivative solvent ..... 29.5%

**INERT INGREDIENTS** ..... 29.3%

Contains 4 pounds of chlorpyrifos per gallon.

E.P.A. Registration No. 464-360

E.P.A. Est. 464-M1-1

**WARNING**

**KEEP OUT OF REACH OF CHILDREN  
MAY BE FATAL IF SWALLOWED • MAY BE ABSORBED  
THROUGH SKIN • MAY BE INJURIOUS TO EYES  
AND SKIN • COMBUSTIBLE**

Do not take internally • Do not get in eyes or on skin • Wash  
thoroughly after handling • Wash contaminated clothing before  
reuse • Flush contaminated eyes with plenty of water and get prompt  
medical attention • Avoid breathing vapors and spray mist • Avoid  
spraying food crops • Keep away from food, feedstuffs, and domestic  
water supplies • Keep container closed • DO NOT USE, POUR, SPILL,  
OR STORE NEAR HEAT OR OPEN FLAME • Handle concentrate in a  
ventilated area.

Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. Treat  
symptomatically. Atropine is an antidote.

473.2 ML / 16 OZ

**USE DIRECTIONS**  
Pests Indoors

**General Information:** Use DURSBAN 4E  
insecticide to control the pests indicated  
in the areas listed on the attached tag by  
application as a 0.25% or 0.5% chlor-  
pyrifos spray. Use the 0.25% spray to  
control light infestations and the 0.5%  
spray to quickly reduce heavy infesta-  
tions or as directed. To prepare the  
spray, dilute DURSBAN 4E with water or  
with a suitable base oil† as shown in the  
following **SPRAY DILUTION CHART**. Re-  
peat the treatment as needed.

† Use only deodorized kerosene for oil-based  
sprays to be applied in food handling  
establishments.

**SPRAY DILUTION CHART**

| Gallons of<br>Spray<br>Mixture<br>Desired | Amount of DURSBAN 4E to Use |    |             |     |
|-------------------------------------------|-----------------------------|----|-------------|-----|
|                                           | 0.25% spray                 |    | 0.50% spray |     |
| Water-base<br>spray:                      | fl oz                       | ml | fl oz       | ml  |
| 1                                         | 3/4                         | 20 | 1 1/2       | 40  |
| 2                                         | 1 1/2                       | 40 | 2 1/2       | 80  |
| 3                                         | 2                           | 60 | 4           | 120 |
| Oil-base<br>spray †                       |                             |    |             |     |
| 1                                         | 1/2                         | 15 | 1           | 30  |
| 2                                         | 1                           | 30 | 2           | 60  |
| 3                                         | 1 1/2                       | 45 | 3           | 90  |

† Calculated on basis of deodorized kerosene.

**Read Complete Use Directions on Tag**

**ENVIRONMENTAL AND USE PRECAUTIONS**

DURSBAN 4E is toxic to fish, birds, and  
other wildlife. Keep out of lakes,  
streams, ponds, tidal marshes and estu-  
aries. Do not contaminate water by  
cleaning of equipment, or disposal of  
wastes. Apply this product only as spec-  
ified on this label.

Do not rouse empty container. Destroy it  
by perforating or crushing. Bury or dis-  
card in a safe place away from water  
supplies.

**NOTICE:** Seller warrants that the product con-  
forms to its chemical description and is rea-  
sonably 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 MER-  
CHANTABILITY or FITNESS FOR A PARTICU-  
LAR PURPOSE, express or implied, extends to  
the use of this product contrary to label in-  
structions, or under abnormal conditions, or  
under conditions not reasonably foreseeable  
to seller, and buyer assumes the risk of any  
such use. U.S. Patent No. 3,244,586

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**LOT 08157-700**

**THE DOW CHEMICAL COMPANY**

AND SUBSIDIARIES  
MIDLAND, MICHIGAN 48666, USA Horgen, SWITZERLAND HONG KONG  
CORAL GABLES, FLORIDA 33134, USA BARNIA, ONTARIO, CANADA  
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**LABEL**

| LEGAL               | TRADEMARKS       |
|---------------------|------------------|
| E. R. H.<br>5/19/77 | S G A<br>5/16/77 |

**SEE COLOR TISSUE FOR COLOR BREAK**

**COLORS** PANTONE 294 BLUE

464-360

7/1/1977

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**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.  
**TRANSLATION: (TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.)



**DURSBAN® 4E** INSECTICIDE

**General Information:** Use DURSBAN 4E Insecticide to control the pests indicated in the 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 4E with water or with a suitable base oil as shown in the following SPRAY DILUTION CHART. Repeat the treatment as needed.

### SPRAY DILUTION CHART

| Gallons of<br>Spray Mixture<br>Desired | Amount of DURSABAN 4E to Use |    |             |     |
|----------------------------------------|------------------------------|----|-------------|-----|
|                                        | 0.25% spray                  |    | 0.50% spray |     |
| Water-base spray:                      | fl oz                        | ml | fl oz       | ml  |
| 1                                      | 3/4                          | 20 | 1 1/2       | 40  |
| 2                                      | 1 1/2                        | 40 | 2 1/2       | 80  |
| 3                                      | 2                            | 60 | 4           | 120 |
| Oil-base spray:                        |                              |    |             |     |
| 1                                      | 1/2                          | 15 | 1           | 30  |
| 2                                      | 1                            | 30 | 2           | 60  |
| 3                                      | 1 1/2                        | 45 | 3           | 90  |

**Note:** Where quick "knockdown" and/or "flushing action" is desired, dichlorvos (DDVP) or pyrethrin may be added to the spray mixture containing DURSABAN 4E insecticide. For best results use dichlorvos at a concentration of 0.25% in water, and oil-base sprays; use pyrethrins at 0.25% in water-base and 0.05% in oil-base sprays. Consult the labeling for the dichlorvos or pyrethrins product used to determine the amount needed to give the desired spray concentration. Also read and observe all use and handling precautions for these products. Do not use DURSABAN 4E in combination with dichlorvos (DDVP) or pyrethrins for treatment of food areas of food handling establishments.

**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, Canned and Grain Mills:** Use as a spot treatment to control cockroaches (including strains resistant to certain other insecticides), ants, crickets, *Grubers*, silverfish and spiders in and around both food and nonfood areas by application as a coarse, low pressure (20 psi or less) spray to localized areas where the above pests have been seen or are suspected of hiding or entering. Apply only enough spray to thoroughly cover the surfaces treated using special care to avoid unnecessary runoff. 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;

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**THE DOW CHEMICAL COMPANY**  
AND SUBSIDIARIES

[illegible]

**LABEL**

SEE COLOR TISSUE FOR COLOR BR

## LEGAL

## TRADEMARKS

E. R. A.  
5/19/77

SCA  
5/14/77

**COLORS** PANTONE 294 BLUE