

BEST DOCUMENT AVAILABLE

PRENTOX
DURSBAN-4E
INSECTICIDE

CONTAINS 4 POUNDS OF CHLORPYRIFOS PER GALLON

CONTROLS PESTS OF HOUSEHOLD (cockroaches, ants, carpet beetles, house
cleaner mites, silverfish, spiders), STORED PRODUCT INSECTS such as ear
beetles, saw-toothed grain beetles, Indian meal moths, rice weevils, Madagascan
moths and red flour beetles, TURF (ants, armyworms, chiggers, clover mite, E
bugs, sod webworms, ants, brown dog ticks, cutworms, earwigs, crickets, gr
white grubs, hyperodes weevil) AND ORNAMENTAL PLANTS (aphids,
minuscule webworm, red humped caterpillar, orange striped webworm, a
caterpillars, fall webworm, yellow necked caterpillar, grasshoppers, leafhoppers,
mealybugs, whiteflies, exposed thrips, mites, cutworms, ash borer, lace borer, a
crickets, crickets, firebrats). ALSO RECOMMENDED FOR AREA CONTROL
AND CHIGGERS, AND MOSQUITO CONTROL (LARVAL AND ADULTS).

To be applied only by or under the supervision of Pest Control Operators, P
Organizations, Mosquito Abatement Districts and other Trained Personnel in
Insect Control Programs.

ACTIVE INGREDIENTS:

- Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl)]
- Phosphorothioate
- Xylene

INERT INGREDIENTS

TOTAL:

DIRECTIONS FOR USE (Cont'd)

DOSEAGE AND DIRECTIONS FOR USE ON TURF

PEST	Doseage DURSBAN 4E per 1000 sq. ft.	REMARKS
Ants (armyworms, brown dog ticks, chig- gers, clover mite, silverfish, house cleaner mites, spiders, ticks, ticks, cutworms, earwigs, lice, grasshoppers, and mosquitoes)	1/2 to 1 qt.	Spray when pests first appear. Repeat when needed. For sod web- worms delay spraying or mowing the treated area for 12 to 24 hours after treatment.
Turfgrass (Hyperodes) weevil	1/2 to 1 qt.	Spray suspected problem areas in mid- April and again in mid- July as recommended by your local Agricultural Extension Service specialist for your area.
White grubs (European chaffer and Japanese beetle larvae only)	1 1/2 to 3 qt.	For white grubs spray when grubs are young and actively feeding near the soil surface. Usually during late July and August or as recom- mended by your local Agricultural Extension Service specialist for your area. Immediately after spraying, irrigate treated area with 1 to 1 inch of water to wash the insecticide into the underlying soil.

DIRECTIONS FOR USE (Cont'd)

thoroughly but do not spray to runoff. Care should be taken to apply the spray
right to the base of the pest. Applications can be made with either a back
pack mist blower or a hydraulic pressure sprayer from spring through to the
early fall. Prevention of Branch and Twig Feeding on High Value Elm Trees. To
reduce the twig and branch feeding on uninfected trees deemed to be high in
value apply a 0.5% chlorpyrifos ester spray to the tree crown. Application
should be made in the spring or early summer using a sprayer that will give
thorough coverage to the tree crown.

AREA CONTROL OF TURF: Use DURSBAN 4E to control ticks, mites and
other pests on turf areas such as lawns, fairways and tees. Apply DURSBAN
4E in water at the rate of 1 qt. per 1000 sq. ft. (equivalent to 1/2 qt. of
DURSBAN 4E) using a hydraulic sprayer, mist blower, backpack sprayer or other suitable
hand or power spray equipment. Treat low-cut grass, grassy areas, roads
and ground surface and apply through spray volume to obtain thorough
coverage. Usually 40 to 100 gal. per acre.

WATERED AREA CONTROL OF TURF: 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.

CAUTION: Use DURSBAN 4E to control mealybugs, aphids and other
water temporary pest, mealybugs, aphids, scale insects, spider mites and
other non-pest insects that cause soiling and damage to these plants according to
the directions and rates shown in the following table. Use DURSBAN 4E with
other water or oil such as Karosene or No. 7 fuel oil using a hand or power
spray volume to get uniform coverage of area treated. Apply the spray using
suitable application equipment such as hand and power ground sprayers, mist
blowers, and aerial spray equipment.

CONDITIONS AND RATES TO USE
FOR MOSQUITO CONTROL

Condition of Area to be Treated	Amount to Use Per Acre		Number Acres 1 Gallon of DURSBAN 4E Will Treat
	DURSBAN 4E (lb. ai)	Chlorpyrifos (grams)	
Larval Control			
None to medium vegetative cover	0.4 to 0.6	0.0125 to 0.025	300-100
Medium to heavy vegetative cover	0.6 to 1.0*	0.025 to 0.05*	100-50
Adult Control			
Light to medium vegetative cover	0.8	0.025	100
Medium to heavy vegetative cover	1.0*	0.05*	50

*The higher dosage will also give the faster knockdown and longer
residual control where there is little or no vegetative cover.

WARNING (MOSQUITO CONTROL): DURSBAN 4E is toxic to shrimp, crabs and
fish. Do not apply where fish, crustaceans and other aquatic life are
important resources. Do not apply to water used for irrigation, recreational
or domestic purposes. Consult your State Fish and Game Department before
using this product for mosquito control.

FOR USE TO PROTECT SOUTHERN PINE SEEDLINGS FROM DAMAGE BY
FALES AND PITCH-EATING BEETLES: DURSBAN 4E insecticide is recommended
for treatment of southern pine seedlings used in forest
regeneration projects to reduce mortality caused by damage from pests
and pitch-eating weevils. Treat the seedlings immediately after
planting by spraying DURSBAN 4E as a foliar spray containing 2%
chlorpyrifos. Prepare the spray by thoroughly mixing 5 1/3 fluid ounces of
DURSBAN 4E per gallon of water and apply using hand or power operated
spray equipment. Treat each seedling with enough spray to thoroughly
wet the foliage and stems to the point of runoff but do not use more than 5
gallons of spray per acre.

FOR USE TO AID IN THE PROTECTION OF PINES FROM DAMAGE BY
SOUTHERN PINE BEETLES: DURSBAN 4E insecticide is recommended
for treatment of pines to help reduce damage and possible mortality
caused by infestations of the southern pine beetle. Use DURSBAN 4E as a
1% chlorpyrifos spray by application to individual trees using suitable
hand or power operated ground spray equipment.

To prepare the spray thoroughly mix 2 2/3 fluid ounces of DURSBAN 4E
with water to make up a total of 1 gallon of mixture (equivalent to 2 1/2
gallons in 100 gallons of water) and spray to the point of runoff. Do not mix
with oil. For preventive treatment apply the spray to the main trunk of
pines in the early spring or when threat of attack exists from nearby
infested trees. Repeat treatment as needed for continued protection. For
remedial treatment apply the spray to the main trunk of infested trees (or
to infested logs) when damage occurs but before adult beetles begin to
emerge.

Warning: Wear suitable protective clothing when preparing and applying
this product. Containing DURSBAN 4E as needed to prevent contact with skin
and eyes. Read and carefully follow all other use and precautionary
information given on the labeling and on the label affixed to the product
container.

PESTS OF ORNAMENTALS: Use DURSBAN 4E to control aphids,
legumes, cutworms, grasshoppers, leafhoppers, mealybugs, mites,
spiderbugs, thrips (eggplant) and whiteflies on flowers, shrubs, vines, shade
and flowering plants and evergreens found to be infested with these pests.
Dilute DURSBAN 4E with water according to directions given in the following
table and apply using suitable hand or power spray equipment in a manner to
provide complete and uniform coverage of infested plants. Avoid over-
spraying to the point of excessive runoff. Treat when pests appear and repeat
at 7 to 10 day intervals, if needed. NOTE: Do not use on azaleas, camellias,
saxifrage, rose bushes, or variegated ivy because of possible injury to these
plants.

DOSEAGE AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

PESTS CONTROLLED	AMOUNTS OF DURSBAN 4E IN WATER TO MAKE		
	3 gallons	10 gallons	100 gallons
aphids bagworms, Eastern larv caterpillars, fall webworm grasshoppers, mites orange striped weevil, spiderbugs thrips, yellow necked caterpillar	2.5 fl. oz.	8 fl. oz.	0.5 pint*
cutworms, leafhoppers, mealy- bugs minuscule webworm, red humped caterpillar, thrips (eggplant)	0.5 fl. oz.	1.6 fl. oz.	1 pint**
ash borer, lace borer, scale caterpillars, oak leafminer and needle, tea spite moth	1 fl. oz.	2.8 fl. oz.	1 quart***

*Equivalent to 6 ounces of chlorpyrifos per 100 gallons
**Equivalent to 8 ounces of chlorpyrifos per 100 gallons
***Equivalent to 1 pound of chlorpyrifos per 100 gallons

NOTE: Mosquitoes coming to rest on areas treated for control of turf and
ornamental plant pests will be killed for varying periods of time after treatment,
depending on exposure of treated areas to weathering conditions.

WATERED LAWN AND ORNAMENTAL PLANT PESTS: Keep children and
pets off treated areas until spray has dried. Keep out of lawn and garden
sprays and other bodies of water. Fish may be killed if their waters are
contaminated with this product. Do not apply where runoff is likely to occur
to rest apply when weather conditions favor drift from areas treated.

ACTIVE BLUE BARK BEETLE: Prevention of Overwintering: To prevent the
adult beetle from overwintering in uninfested trees and to reduce beetle
populations in infested trees apply DURSBAN 4E insecticide as a 0.5%
mixture of chlorpyrifos in water to the bottom 6 feet of the trunk. Wet the trunk

ACCEPTED
with COMMENTS
by EPA Letter Dated:

SEP 19 1983

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended
Registration No. 655-499

KEEP OUT OF REACH OF CHILDREN
WARNING SPEC
STATEMENT OF PRACTICAL TREATMENT
IF SWALLOWED - Contains petroleum distillates. Do not induce vomiting. Get medical attention.
IF INHALED - Remove victim to fresh air. Apply respiration, if indicated.
IF ON SKIN - Wash area immediately with soap and warm water.
IF IN EYES - Flush with plenty of water and get prompt medical attention.
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

PRENTOX® - Registered Trademark of Prentiss Drug & Chemical Co., Inc. E.P.A. EST
DURSBAN® - Registered Trademark of The Dow Chemical Co.
E.P.A. Reg. No. 655-499

NET CONTENTS _____ LOT # _____
Manufactured by
prentiss Plant: Keith Road
Drug & Chemical Co., Inc. Sandersonville, Ga.
Office: 200 7th Avenue
New York, N.Y.

AVAILABLE

PRENTOX DURSBAN 4E INSECTICIDE

CONTAINS 4 POUNDS OF CHLORPYRIFOS PER GALLON

CONTROLS PESTS OF HOUSEHOLD (cockroaches, ants, carpet beetles, brown dog ticks, clover mites, silverfish, spiders), **STORED PRODUCT INSECTS** such as confused flour beetles, saw-toothed grain beetles, Indian meal moths, rice weevils, Mediterranean flour moths and red flour beetles, **TURF** (ants, armyworms, chiggers, clover mite, fleas, chinch bugs, and webworms, ants, brown dog ticks, cutworms, earwigs, crickets, grasshoppers, certain white grubs, hyperodes weevil) **AND ORNAMENTAL PLANTS** (aphids, bagworms, minuscule webworm, red humped caterpillar, orange striped webworms, eastern tent caterpillars, fall webworm, yellow necked caterpillar, grasshoppers, leafhoppers, spittlebugs, mealybugs, whiteflies, exposed thrips, mites, cutworms, ash borer, lilac borer, certain scale crawlers, crickets, firebrats). **ALSO RECOMMENDED FOR AREA CONTROL OF TICKS AND MOSQUITOES, AND MOSQUITO CONTROL (LARVAE AND ADULTS).**

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.

ACTIVE INGREDIENTS:

- Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) Phosphorothioate)
- Xylene

INERT INGREDIENTS

TOTAL:

100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

SPECIMIN

STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED** - Contains petroleum distillates. Do not induce vomiting. Get medical attention immediately.
- IF INHALED** - Remove victim to fresh air. Apply respiration, if indicated.
- IF ON SKIN** - Wash area immediately with soap and warm water.
- IF IN EYES** - Flush with plenty of water and get prompt medical attention.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

PRENTOX® - Registered Trademark of Prentiss Drug & Chemical Co., Inc.
DURSBAN® - Registered Trademark of The Dow Chemical Co.
E.P.A. Reg. No. 866-496

E.P.A. EST. NO. 866-QA-1

NET CONTENTS

LOT #



Manufactured by

prentiss

Drug & Chemical Co., Inc.

Plant: Kaelin Road
Sanderoville, GA. 31082

Office: 363 7th Avenue
New York, N.Y. 10001

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN. IF SWALLOWED GET IMMEDIATE MEDICAL ATTENTION. HARMFUL IF INHALED. DO NOT BREATHE VAPORS, FLAMES OR SPRAY MIST. CAUSES EYE DAMAGE. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. FOR EYE CONTACT FLUSH WITH PLENTY OF WATER AND GET MEDICAL ATTENTION. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING OR SMOKING. WASH CONTAMINATED CLOTHING BEFORE REUSE. DO NOT CONTAMINATE FEED OR FOODSTUFFS. REMOVE ALL PETS AND AQUARIUMS FROM AREA BEFORE SPRAYING.

ENVIRONMENTAL HAZARDS

This product is highly toxic to bees exposed to direct treatment or residue on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service. Dursban 4E is also toxic to fish, wildlife and birds. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning equipment or disposal of waste.

PHYSICAL & CHEMICAL HAZARDS

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME

NOTE TO PHYSICIAN: Active ingredients contain a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

STORAGE & DISPOSAL

- 1. **Preparation** - DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE, DISPOSAL OR CLEANING OF EQUIPMENT. OPEN BURNING IS PROHIBITED.
- 2. **Pesticide Storage** - PESTICIDE SPRAY MIXTURE OR RESIDUE THAT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO FEDERAL, STATE OR LOCAL PROCEDURES UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT.
- 3. **Container Disposal** - (A) RESEAL CONTAINER AND OFFER FOR RECONDITIONING OR (B) TRIPLE RINSE (OR EQUIVALENT) AND OFFER FOR RECYCLING OR RECONDITIONING OR DISPOSE OF IN A SANITARY LANDFILL OR BY OTHER APPROVED STATE AND LOCAL PROCEDURES.

INDOORS: General information: Use DURSBAN 4E 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, schools, hotels, hospitals, stores, manufacturing plants and warehouses. DURSBAN 4E may also be used as a CRACK AND CREVICE TREATMENT to control certain of the above pests in and around both food and non-food handling establishments (i.e. any area or place in which food is held, processed, stored and/or served or a restaurant, canteen, bottling plant, grocery store, bakery). Dilute DURSBAN 4E with water or with a suitable base oil to make a 0.25% or 0.5% chlorpyrifos spray as shown in the following SPRAY DILUTION CHART. Apply according to directions given for pests listed. Repeat treatment as needed. Prior to application de-energize electrical equipment. After application place one quart of oil to evaporate before starting motors or placing switches in the On position. APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS OTHER THAN CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

SPRAY DILUTION CHART

Gallons of Spray Mixture Desired	Fluid Ounces* of DURSBAN 4E to Use	
	0.25% Spray	0.50% Spray
Water-based Spray:		
1	2/3	1-1/3
3	2	4
5	3-1/3	6-2/3
10	6-2/3	13-1/3
Oil-based Spray**		
1	1/2	1
3	1-1/2	3
5	2-1/2	5
10	5	10

*1 fluid ounce = 2 tablespoons
*1 fluid ounce = 6 teaspoons
**Calculated on basis of deodorized kerosene

DIRECTIONS FOR USE (Cont'd)

NOTE: Where quick knockdown and/or flush action is desired, DURSBAN 4E insecticide may be used in a concentration of 0.25% in both water and oil. Repeat treatments may be necessary. For best results, use the diluted spray concentration. Also read and follow the directions for these products. Do not combine with other insecticides (DDVP or pyrethroids) or other pest control products.

Application in Food Handling Establishments: Use DURSBAN 4E 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, schools, hotels, hospitals, stores, manufacturing plants and warehouses. DURSBAN 4E may also be used as a CRACK AND CREVICE TREATMENT to control certain of the above pests in and around both food and non-food handling establishments (i.e. any area or place in which food is held, processed, stored and/or served or a restaurant, canteen, bottling plant, grocery store, bakery). Dilute DURSBAN 4E with water or with a suitable base oil to make a 0.25% or 0.5% chlorpyrifos spray as shown in the following SPRAY DILUTION CHART. Apply according to directions given for pests listed. Repeat treatment as needed. Prior to application de-energize electrical equipment. After application place one quart of oil to evaporate before starting motors or placing switches in the On position. APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS OTHER THAN CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

Application of this product in food handling establishments: Use DURSBAN 4E 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, schools, hotels, hospitals, stores, manufacturing plants and warehouses. DURSBAN 4E may also be used as a CRACK AND CREVICE TREATMENT to control certain of the above pests in and around both food and non-food handling establishments (i.e. any area or place in which food is held, processed, stored and/or served or a restaurant, canteen, bottling plant, grocery store, bakery). Dilute DURSBAN 4E with water or with a suitable base oil to make a 0.25% or 0.5% chlorpyrifos spray as shown in the following SPRAY DILUTION CHART. Apply according to directions given for pests listed. Repeat treatment as needed. Prior to application de-energize electrical equipment. After application place one quart of oil to evaporate before starting motors or placing switches in the On position. APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS OTHER THAN CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

GREEN BOB TICKS: Thoroughly apply a 0.5% spray mixture such as that listed in the following SPRAY DILUTION CHART to the grass areas of lawns and other ornamental plants. Old bedding of grass should be removed and new bedding after treatment. DO NOT TREAT PETS WITH THIS PRODUCT.

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: Do not allow child treated surfaces until spray has dried. Remove pet (name) before spraying. Do not allow spray to get on and water supply. Thoroughly wash dishes, cutlery and surfaces with soap and water if they have been sprayed. DO NOT USE DURSBAN 4E IN FOOD HANDLING ESTABLISHMENTS OTHER THAN CRACK AND CREVICE TREATMENT. Do not use in areas where food is commercially prepared and processed. Do not use in areas where food is held, processed, stored and/or served.

PESTS OUT-OF-DOORS: GENERAL INFORMATION: Use DURSBAN 4E for control of ticks and chiggers and for mosquito control. Following directions for dosage and application are listed.

PESTS ON OUTSIDE SURFACES OF BUILDINGS: Use the rate of 1-1/3 fluid ounces per one gallon of water (plus 1/2 gallon) to control ants, clover mites, cockroaches, fleas, firebrats, mosquitoes, sawbugs, and other pests on outside surfaces of buildings, including porches, screens, window frames, refuse dumps and other areas where they have been seen. Do not treat or allow the spray to come in contact with plants, shrubs, trees, lawns, etc. Repeat treatment as needed to maintain effectiveness.

NOTE: To help prevent infestation of buildings by mosquitoes and sawbugs (gulleys) treat a band of ground and adjacent to the buildings with the bur height of 2 to 3 feet where pests are active and use 1/2 ounce of DURSBAN 4E per 100 gallons of water spray at the rate of about 10 gallons spray mixture thoroughly and uniformly over the band area.

PESTS OF LAWNS AND OTHER ORNAMENTAL PLANTS: USE DURSBAN 4E INSECTICIDE TO CONTROL BROWN DOG TICKS, CHINCH BUGS, CRICKETS, CUTWORMS AND RED WEBWORMS (PAIN MITE). Use DURSBAN 4E as a spot treatment to control certain of the above pests in and around both food and non-food handling establishments (i.e. any area or place in which food is held, processed, stored and/or served or a restaurant, canteen, bottling plant, grocery store, bakery). Dilute DURSBAN 4E with water or with a suitable base oil to make a 0.25% or 0.5% chlorpyrifos spray as shown in the following SPRAY DILUTION CHART. Apply according to directions given for pests listed. Repeat treatment as needed. Prior to application de-energize electrical equipment. After application place one quart of oil to evaporate before starting motors or placing switches in the On position. APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS OTHER THAN CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

BEST DOCUMENT AVAILABLE

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4E

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PER GALLON

carpet beetles, brown dog ticks, insects such as confused flour beetle weevils, Mediterranean flour miller, clover mite, fleas, chinch bugs, crickets, grasshoppers, AL PLANTS (aphids, bagworms, striped webworms, eastern tent caterpillars, leafhoppers, spittlebugs, ch borer, Mac borer, certain scale R AREA CONTROL OF TICKS AND ADULTS).

Control Operators, Public Health Trained Personnel responsible for

44.8%
48.3%
8.9%
TOTAL: 100.0%

CHILDREN
SPECIMIN
Get medical attention immediately

PRECAUTIONARY STATEMENTS

Inc E.P.A. EST. NO. 685-QA-1

Plant: Koolin Road
Sanderaville, GA. 31082
Office: 363 7th Avenue
New York, N.Y. 10001

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

WARNING
MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN. IF SWALLOWED GET IMMEDIATE MEDICAL ATTENTION. HARMFUL IF INHALED. DO NOT BREATHE VAPORS, FUMES, OR SPRAY OR ON CLOTHING FOR EYE CONTACT. FLUSH WITH PLENTY OF WATER AND GET MEDICAL ATTENTION. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING OR SMOKING. WASH CONTAMINATED CLOTHING BEFORE REUSE. DO NOT CONTAMINATE FEED OR FOODSTUFFS. REMOVE ALL PETS AND AQUARIUMS FROM AREA BEFORE SPRAYING.

ENVIRONMENTAL HAZARDS
This product is highly toxic to bees exposed to direct treatment or residue on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service. Dursban 4E is also toxic to fish, snails, and birds. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning equipment or disposal of wastes.

PHYSICAL & CHEMICAL HAZARDS
DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME

NOTE TO PHYSICIAN: Active ingredients contain a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

DIRECTIONS FOR USE
IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

STORAGE & DISPOSAL

1. **Prohibition** - DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE, DISPOSAL OR CLEANING OF EQUIPMENT. OPEN BURNING IS PROHIBITED.
2. **Pesticide Disposal** - PESTICIDE SPRAY MIXTURE OR RESIDUE THAT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO FEDERAL, STATE OR LOCAL PROCEDURES UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT.
3. **Container Disposal** - (A) RESEAL CONTAINER AND OFFER FOR RECONDITIONING OR (B) TRIPLE RINSE (OR EQUIVALENT) AND OFFER FOR RECYCLING OR RECONDITIONING OR DISPOSE OF IN A SANITARY LANDFILL OR BY OTHER APPROVED STATE AND LOCAL PROCEDURES.

INDOORS: General Information: Use DURSBAN 4E insecticide as a spot treatment to control cockroaches, ants, crickets, firebrats, brown spiders and brown dog ticks in and around residential, institutional and commercial buildings including homes, hotels, motels, hospitals, stores, manufacturing plants and warehouses. DURSBAN 4E may also be used as a CRACK AND CREVICE TREATMENT to control certain of the above pests in and around both food and nonfood areas of food handling establishments (i.e. any area or place in which food is held, processed, prepared and/or served, e.g. restaurants, canneries, bottling plants, grocery stores, bakeries). Dilute DURSBAN 4E with water or with a suitable base oil to make a 0.25% or 0.5% chlorpyrifos spray as shown in the following SPRAY DILUTION CHART. Apply according to directions given for pests listed. Repeat treatment as needed. Prior to application de-energize electrical equipment. After application allow time for oil to evaporate before starting motors or placing switches in the On position. APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS OTHER THAN CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

SPRAY DILUTION CHART

Gallons of Spray Mixture Desired	Fluid Ounces* of DURSBAN 4E to Use	
	0.25% Spray	0.50% Spray
Water-base Spray		
1	2-3	1-1/2
3	2	4
5	3-3	6-2-3
10	6-2-3	13-1-3
Oil-base Spray**		
1	1-2	1
3	1-1/2	3
5	2-1/2	5
10	5	10

* 1 fluid ounce = 2 tablespoons
* 2 fluid ounces = 4 tablespoons
** Calculated on basis of deodorized kerosene

DIRECTIONS FOR USE (Cont'd)

NOTE: Where a 0.5% chlorpyrifos emulsion is desired, 0.5% DURSBAN 4E insecticide may be added to the spray mixture containing 0.25% DURSBAN 4E insecticide. For best results, use chlorpyrifos at a concentration of 0.25% in both water and oil base sprays. Consult labeling for the chlorpyrifos or pyrethrin 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 DURSBAN 4E in combination with deltamethrin (DDVP) or pyrethrin for treatment of food areas of food handling establishments.

Application Within Food Handling Establishments (Areas Other Than Private Residences in Which Food is Held, Processed, Prepared or Served) including, but not limited to, Restaurants, Grocery Stores, Canteens, Canning 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 other insecticides), ants, crickets, firebrats, silverfish and stored product insects such as confused flour beetles, granary weevils, 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 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, 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 encompass cracks and crevice treatment by applying small amounts of material directly into openings leading to voids and hidden spaces in walls, equipment legs and bases or which occur at points between different elements of construction or between equipment and floors. Equipment capable of delivering a gush of insecticide should be used. Repeat treatment as needed but not more 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 4E may be applied after 2 days from last treatment but emergency use should be limited to once per month.

Applications of this product in food handling establishments other than as a spot and/or crack and crevice treatment are not permitted.

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

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 scattered 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

WARNING (PESTS INDOORS): Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish bowls (aerators) before spraying. Do not allow spray to contact food, feedstuffs and water supplies. Thoroughly wash dishes and food handling utensils and surfaces with soap and water if they become contaminated by application of this product. DO NOT USE DURSBAN 4E FOR SPOT TREATMENT in poultry houses, other animal buildings or in other product areas of food processing plants, restaurants or other areas where food is commercially prepared and processed. Do not use in serving areas while food is exposed.

PESTS OUT-OF-DOORS: GENERAL INFORMATION: Use DURSBAN 4E for control of certain pests on outside surfaces of buildings and on lawns and ornamental plants for area control of ticks and chiggers and for mosquito control. Consult the following directions for dosage and application details to control the pests listed.

PESTS ON OUTSIDE SURFACES OF BUILDINGS: Use DURSBAN 4E at the rate of 1-1/3 fluid ounces per one gallon of water (0.5% chlorpyrifos emulsion) to control ants, clover mites, cockroaches, crickets, earwigs, fleas, flies, millipedes, mosquitoes, sawbugs, spiders and ticks by application as a residual spray or with a paint brush to outside surfaces of buildings including porches, screens, window frames, leaves, petting gardens, refuse dumps and other areas where these pests congregate or have been seen. Do not treat or allow the spray to contact plants (flora), flowering plants, shrubs, trees, evergreens, etc.) because of possible injury. Repeat treatment as needed to maintain effectiveness.

NOTE: To help prevent infestation of buildings by ants, crickets, earwigs, millipedes and sawbugs (gillbugs), treat a band of soil 6 to 10 feet wide around and adjacent to the buildings, also the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. Use 6 ounces of DURSBAN 4E per 100 gallons of water and apply as a coarse spray at the rate of about 10 gallons spray mixture per 1,000 sq. ft. Thoroughly and uniformly wet the band area.

PESTS OF LAWNS AND OTHER ORNAMENTAL AND RECREATIONAL TURF GRASS AREAS: Use DURSBAN 4E insecticide to control ants, brown dog ticks, chinch bugs, crickets, cutworms, earwigs, grasshoppers and sod webworms (brown moths). Mix DURSBAN 4E with water according to directions given in the following table and apply as a coarse, low pressure spray using suitable application equipment. For best results, the lawn should be mowed at time of treatment and care should be taken to obtain complete and uniform coverage of pest-infested areas. Spray when pests first appear, repeat when needed.

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STORAGE AND DISPOSAL STATEMENTS

Do not contaminate water, food, or feed by storage or disposal.
Open dumping prohibited.

STORAGE: If container is damaged: STOP any leaks by repositioning the container or by patching or otherwise repairing the leaks. Take care to avoid contact with pesticide and wear protective gear. On cleanup of spilled liquids, wear protective equipment as required to prevent contact with the product or its vapors. Cover the spilled areas with generous amounts of absorbent material, such as clay, diatomaceous earth, sand, or sawdust. Sweep the contaminated absorbent on to a shovel and put the sweepings into a salvage drum. Dispose of wastes as below. Place any leaking container into a similar drum or glass container. Do not store, use pour or spill near heat or open flame.

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 offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.
DO NOT STORE IN CAR TRUNK WHERE TEMPERATURES MAY EXCEED 120°F.

NOTE TO APPLICATOR

DURSBAN 4E INSECTICIDE
EPA Reg. 655-499

DDVP HAS BEEN SHOWN TO CAUSE DISCOLORATION OF SOME CARPET. THEREFORE WHEN DURSBAN 4E IS COMBINED WITH DDVP DO NOT ALLOW SPRAY, SPRAY MIST, DRIFT OR RUNOFF TO CONTACT CARPETING AS STAINING MAY OCCUR.

REST DOCUMENT AVAILABLE

Mr. Nick Sanchez
Prentiss Drug & Chemical Co., Inc.
21 Vernon Street
Floral Park, NY 11001

Dear Mr. Sanchez:

Subject: ~~Revise Storage and Disposal Directions~~
~~Prentox Dursban 4E Insecticide~~
~~EPA Registration No. 655-499~~
Application Dated August 18, 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.

On the front panel of your label change "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," to read "Only for Sale to, Use, and Storage by Servicepersons."

Sincerely yours,

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

Enclosure

RD:Ellenberger:DCR-28419:WANG-0459C:hje:Raven:479-2013:9/19/83

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
▶							