

NOT REVIEWED  
 In accordance with PR Notice 82-2.  
 Based on draft labelling dated 2-5-86  
 2/28/89.

Reg no: 5481-216

PM-15

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ALCO

**NOTE TO PHYSICIAN - POISONING SYMPTOMS**

Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps. TREATMENT - Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation Atropine Sulfate should be injected at 10 minute intervals, in doses of 1 to 2 milligrams until complete atropinization has occurred. Morphine is contraindicated, 2-PAM is also antidotal and may be administered in conjunction with Atropine. Clear chest by postural drainage. Repeated exposure to cholinesterase inhibitors may without warning cause prolonged susceptibility to very small amounts of cholinesterase inhibitors. Allow no further exposure until time for cholinesterase regeneration has been allowed as determined by a blood test. This product contains an aromatic petroleum solvent. Vomiting may cause aspiration pneumonia.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds, and other wildlife. Keep out of any body of water. Do not apply when weather conditions favor drift. Do not contaminate water when disposing of equipment washwaters. Use only as specified on this label.

**PHYSICAL AND CHEMICAL HAZARDS**

Do not use, pour, spill or store near heat or open flame.

**DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal. STORAGE: Store product in its original container in a cool, dry, locked place out of reach of children. PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or residue is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your nearest 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 incinerate 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.

NOTE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller, and buyer assumes the risk of any such use.

**PESTS OUT-OF-DOORS**

General information - Use this product for control of certain pests on outside surfaces of buildings and on lawns and ornamental plants, and for area control of Chiggers. Consult the following directions for dosage and application details to control the pests listed.

**PESTS ON OUTSIDE SURFACES OF BUILDINGS:** Use this product at the rate of 2 3/4 ounces per gallon of water to control Ants, Cover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Mosquitoes, Sawbugs, Spiders, and Ticks by application as a residual spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps, and other areas where these pests congregates or have been seen. Do not treat or allow the spray to contact plants (lawns, flowering plants, shrubs, trees, evergreens, etc.) because of possible injury. Repeat treatment as needed to maintain effectiveness.

**NOTE:** To help prevent infestations of buildings by Ants, Crickets, Earwigs, Millipedes, and Sawbugs (Pillbugs) treat a band of soil 8 to 10 feet wide around and adjacent to buildings, also to rising foundations to a height of 2 to 3 feet, where pests are active and may find entrance. Use 16 ounces (1 Pint) in 100 gallons of water and spray as a coarse spray at the rate of about 10 gallons of spray mixture per 1,000 sq. ft. to thoroughly and uniformly wet the basal area.

**PESTS OF LAWNS, OTHER ORNAMENTAL AND RECREATIONAL TURF AREAS AND PERENNIAL TURF GRASSES GROWN FOR SEED.**

Use this product to control the following pests as listed by application at the recommended dosage and in accordance with the direction given below. Dilute in enough water to obtain complete and uniform coverage of pest infested areas and apply as a coarse, low pressure spray using suitable spray equipment. Thoroughly water after treatment to wash the insecticide into the turf, except as noted. For best results, the lawn should be moist at the time of treatment.

**PEST OF ORNAMENTALS**

Use this product to treat flowers, shrubs, vines, shade trees and flowering trees and evergreens found to be infested with the following pests as listed. Dilute with water according to directions given in the table and apply using suitable hand or power spray equipment in a manner to provide complete coverage. For best results, apply a misting spray to both upper and lower leaf surfaces and infested limb and trunk area. Attempt to penetrate dense foliage but avoid overspraying. Treat when pests appear and repeat at 7 to 10 day intervals, if needed. CAUTION: Do not use on Azaleas, Camellias, Palmettos, Rose Bushes, or Variegated Ivy because of possible injury to foliage.

**DOSAGES AND DIRECTIONS FOR USE ON ORNAMENTAL PLANTS**

For control of Aphids, Mites, Bagworms, Orange-striped Oakworm, Eastern Tent Caterpillar, Spotted-bark Webworm, Whiteflies, Grasshoppers, Yellow-necked Caterpillar, use 0.5 FL OZ/3 gals. - 1 FL OZ/10 gals. - 1 P/100 gals.

For control of Cutworms, Leafhoppers, Mosquitoes, Mites, Webworms, Red Humped Caterpillar, Tobacco Hornworm, use 1.8 FL OZ/3 gals. - 2.2 FL OZ/10 gals. - 1 QUART/100 gals.

For control of Ash Borer, Elm Sawfly, Emerald Borer, Maple Cankerworm, Oak Leafminer, Pine Needle Tip, and White Peachy, use 2.8 FL OZ/3 gals. - 3.4 FL OZ/10 gals. - 2 QUARTS/100 gals.

For control of Peach Tree Borer, use 3.75 FL OZ/3 gals. - 19.2 FL OZ/10 gals. - 1.5 GALLON/100 gals.

**DURSBAN DDVP 2.50**

**INDOOR / OUTDOOR PEST CONTROL FOR COMMERCIAL / INDUSTRIAL USE**

Controls Ants, Chinch Bugs, Sod Webworms, White Grub Larvae, Chiggers, Fleas, Mosquitoes, Spiders, Ticks, Millipedes, Sawbugs, Aphids, Bagworms, Whiteflies, Leafhoppers, Mites, and Borers as Listed

**FOR INSECT CONTROL IN FOOD AND NON-FOOD AREAS**  
 For Cockroaches-Ants-Crickets-Silverfish-Fleas-Brown Dog Ticks

**ACTIVE INGREDIENTS:**

CHLORPYRIFOS [0,0-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate]	24.00%
2,2-Dichlorovinyl dimethyl phosphite	0.04%
Released Compounds	0.46%

<b>INERT INGREDIENTS:</b>	95.50%
<b>TOTAL</b>	<b>100.00%</b>

Contains 2 lb. Chlorpyrifos & 0.50 lbs of Dichlorvos(DDVP) per Gallon \*Contains an Aromatic Petroleum Distillate. DURSBAN Registered Trademark Dow Chemical Company U.S.A.

**KEEP OUT OF REACH OF CHILDREN DANGER - POISON**

**STATEMENTS OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. If possible vomiting should be induced under medical supervision. Have victim drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

**IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated. Call a physician and get medical attention immediately.

**IF IN EYES:** Flush eyes with plenty of water. Get medical attention immediately.

**IF ON SKIN:** Remove contaminated clothing and wash affected area with soap and water. Get medical attention immediately.

**NOTE TO PHYSICIAN:** If signs of cholinesterase inhibition (weakness, headache, chest tightness, blurred vision, salivation, sweating, nausea, vomiting or abdominal cramps) occur, atropine by injection is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine. Solvent presents an aspiration hazard. Gastric lavage is indicated if material was taken internally.

**SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA REG. NO. 5481-216

EPA EST. NO. 5481-CA-1

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Poisonous if swallowed, inhaled or absorbed through the skin or eyes. Do not get in eyes or on skin. Do not breathe fumes. Rapidly absorbed through the skin. Wear natural rubber gloves, water-proof protective clothing and goggles when handling, mixing or spraying. Wear a pesticide respirator jointly approved by the Mining Safety and Health Administration and by the National Institute of Occupational Safety and Health under the provision of 30 CFR Part 11 for protection against chlorpyrifos and dichlorvos(DDVP).

(Precautionary Statements follow on Side Panel of the label)

**NET CONTENTS 5 GALLON**

**AMVAC CHEMICAL CORPORATION**

4100 EAST WASHINGTON BLVD  
 LOS ANGELES, CALIFORNIA 90023

\*Dogwood Borer: Mix 1/2 gallon in 100 gallons water (1 Quart in 50 gals.) & spray trunks and lower limbs of trees when adults begin to emerge. Consult your local Ag. Ext. Service for the proper timing.  
 \*\*Peach Tree Borer: Dilute 3 3/4 fl. oz's. in 3 gallons of water. Apply to flowering trees and shrubs of the Genus Prunus. Thoroughly spray the trunk at ground level up to the first limb. Apply as a coarse wet spray 3 times May 1st, June 1st, and July 1st. Do not treat the fruit or upper portions of the tree. This treatment is for ornamental peach trees only.

**DOSAGES AND DIRECTIONS FOR USE ON TURF.**

For control of Ants, Armyworms, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers, Ticks, and Sod Webworms, Use 1.5 FL OZ/1,000 Sq. Ft. of Turf. Use in a minimum of 3 to 10 gals. of water/1,000 sq. ft. Spray when pests first appear, retreat when needed. For Sod Webworm delay watering or mowing for 12 to 24 hours after treatment.

For control of Turfgrass Hypericides Use 3 FL OZ/1,000 Sq. Ft. of Turf. Spray problem areas in Mid Apr. and again in Mid-May or as recommended by Local Agricultural Extension Service Specialists.

For control of White Grubs of European Chaffer and Japanese Beetle (Only) Use 3 to 8 FL OZ's/1,000 SQ. Ft. of turf. Spray when grubs are actively feeding near the soil surface in late July & August or as recommended by local Ag. Ext. Serv. Specialist. Water area after treatment with 1/2 to 1 inch water to wash insecticide into soil. For Bluegrass Billbug use 3 to 8 FL OZ's/1,000 Sq. Ft. of Turf. Spray early in the season when adults first appear. Repeat as needed.

**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. Area Control Of Ticks and Chiggers: Use for non-crop areas such as roadides, 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 1 pint per acre in sufficient water to mist all areas including low underbrush, grassy areas, weeds, and ground surfaces and debris using enough spray volume to obtain thorough coverage, usually 40 to 100 gallons of water per acre. ATTENTION: Do not allow public use of treated areas during application or until spray has dried.

**INDOOR PEST CONTROL**

**DIRECTIONS FOR APPLICATION IN NON-FOOD AREAS**

Non-food areas include: Garbage Rooms, Lavatories, Floor Drains (to sewer entries and vestibules) Offices, Locker Rooms, Machine Rooms, Boiler Rooms, Garages, Mop Closets and storage (after canning or bottling) Use the Maintenance Spray Rate: See Dilution Chart below as a Spot Treatment by applying as a coarse spray or with a paint brush to areas where Cockroaches are normally found. Apply to baseboard areas, around water pipes, surfaces behind and beneath sinks, Lockers, Tables, Pallets, and similar areas where insects hide or through which they may enter. Do not let spray or mist contact food, feedstuffs and water supplies. Dishes and furniture should be thoroughly washed with soap and water if they have become contaminated with this product. Repeat treatment as needed for control. Do not use in serving areas while food is exposed.

**USE CHART IN NON-FOOD AREAS**

Use this product as a spot treatment for the control of Cockroaches, Ants, Crickets, Firebrats, Silverfish, Spiders, Fleas, and Brown Dog Ticks in and around residential, institutional and commercial buildings, including homes, apartment buildings, hotels (not to be used in the patient-occupied areas of hospitals), stores, and warehouses. It may be used with water or a deodorized base oil for a "Maintenance Spray" or Maximum Strength Spray. Follow directions for control of pests listed and repeat as needed for control.

**DILUTION CHART**

To Make this amount of Spray	Use this Amount of DURSBAN DDVP 2.50	
(1 Star or 2 Stars Off)	For a Maintenance Spray	For a Standard Strength Spray
1 Gallon	1 1/3 Fluid Ounces	2 2/3 Fluid Ounces
3 Gallons	4 "	8 "
5 Gallons	2 2/3 "	13 1/3 "

The lower strength should be used as a maintenance spray while the maximum rate should be used to reduce heavy infestations of Cockroaches, Ants, Crickets, Firebrats, Silverfish and Spiders.

**HOW TO APPLY:** Apply as a coarse spray or with a paint brush to local areas where the above mentioned pests are found or normally occur, including dark corners of rooms, and closets, cracks and crevices in walls, along and behind sinks, stoves, refrigerators, and cabinets; around plumbing and other utility installations. For ANTS apply to ant trails, and around doors and windows, where these pests may find entry.

**FOR BROWN DOG TICKS: DO NOT TREAT PETS WITH THIS PRODUCT:** Apply as a spot treatment to infested areas such as pet's bedding and resting quarters, nearby cracks and crevices, along and behind baseboards, windows, and door frames and other localized areas where pests may hide. Old pet bedding should be removed and replaced with fresh clean bedding after treatment.

**WARNING:** Use as a SPOT TREATMENT ONLY FOR INDOOR PESTS. Do not use in gallery houses or other animal building. Do not allow children or pets to contact treated surfaces until spray has dried. Remove or cover fish bowls before spraying. Test for damage to carpets & asphalt tile first before applying to these surfaces.

**FOR APPLICATION WITHIN FOOD AREAS.**

**FOOD AREAS APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY**

Includes areas for mixing, storage, packing (canning, bottling, wrapping, boxing), edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups.) Serving areas (when food is exposed and facility is in operation) also would be considered a food area.

USE Standard Strength Spray and apply in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide directly into cracks and crevices, in joints between different elements of construction, between equipment legs and bases where cockroaches hide. DO NOT use this product on conduits, meter housings and electrical switch boxes. Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces.

**APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS OTHER THAN AS A CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.**

FL OZ = Fluid Ounces

BEST AVAILABLE COPY