

9782-19 PM 15  
178 DRP

DEC 21 1984

Mr. H. R. McLane  
Woodbury Chemical Company  
P.O. Box 4319  
Princeton, FL 33032

Dear Mr. McLane:

Subject: Amendment - Add sites and Pests  
D-Pona 2:1 E  
EPA Registration No. 9782-19  
Your submission dated August 18, 1984

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable, provided the following revisions are made prior to release for shipment under the amended labeling:

1. In the ingredient statement, add the name Dichlorvos in front of the formula name [enclosed in brackets] for that ingredient, similar to the chlorpyrifos declaration.
2. Beneath the ingredients statement (in the "Contains" listing) add "Contains xylene range aromatic solvent"
2. In the "If swallowed" advice add "or convulsing" between "unconscious" and "person".
3. Revise the Note to Physician to read:

Product contains a high percentage of xylene range aromatic solvent which presents an aspiration hazard. Gastric lavage is indicated if material was taken internally. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

4. You might wish to reword the mosquito claim that mosquitoes "will be killed for varying periods of time". Dead mosquitoes tend to remain in that condition. It is the length of the effective control period that varies depending upon weathering of treated surfaces.
5. Delete "Do not use this product in edible product areas of food processing plants, restaurants, or other areas where food is commercially prepared or processed." from beneath the heading INDOOR PEST CONTROL (Non-Food Areas).

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6. Relocate the section DIRECTIONS FOR APPLICATION IN NON-FOOD AREAS, including the paragraph about use of the maintenance rate, up to directly under "USE IN NON-FOOD AREAS AS DIRECTED BELOW as a spot OR Crack & Crevice Treatment".
7. Regarding the maintenance use paragraph referred to above, delete "Do not let spray or mist contact food, feedstuffs and/or water supplies. Dishes and food handling equipment should be thoroughly washed with soap and water if they have become contaminated with this product." since this label does not permit spot application in food handling or preparation areas.
8. In the "As a SPOT TREATMENT" paragraph add "(non-food and non-patient areas only)" after "hospitals". The Agency does not advocate use of cholinesterase inhibitors in hospital patient rooms or any rooms in which sick children, the elderly, or the infirmed may be confined for extended periods of time.
9. In what will be the last paragraph of the Directions for Use (that beginning "IMPORTANT -"), add "in non-food areas" at the end of the first sentence.

Submit Five (5) copies of the revised amended label prior to release for shipment of product bearing the amended labeling. A stamped copy of the label is enclosed for your records.

Sincerely yours,

George T. Lurocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

WOODSBURY CHEMICAL COMPANY

For Information Only  
Liquid Form  
NA 2962



5 GALLONS NET  
ACCEPTED  
with COMMENTS  
EPA Letter Denial

# D-PONA 2:1E INSECTICIDE

INDOOR - OUTDOOR INSECT CONTROL

DEC 21 1984

Only For Sale To, Use and Storage  
By Pest Control Operators  
OR  
Other Service Persons

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
9782-19

### ACTIVE INGREDIENTS:

Chlorpyrifos [0,0-diethyl O (3,3,6-trichloro-2-pyridyl) phosphorothioate] .....	15.60%
2,2-dichlorovinyl dimethyl phosphate* .....	7.35%
Related Compounds* .....	0.55%

### INERT INGREDIENTS:

.....	76.50%
Total	100.00%

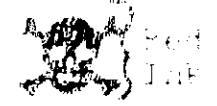
\*Equivalent to 7.9% Vapona

Contains 1.25 lbs. Chlorpyrifos Insecticide and 0.55 lbs. of Vapona Insecticide per gallon. U.S. Patent No. 3,244,586 for Chlorpyrifos  
\*Vapona Reg. T.M. Shell Chemical Co.

KEEP OUT OF REACH OF CHILDREN



**DANGER - POISON**



See Side Panel For Additional Precautionary Statements

E.P.A. Reg. No. 9782-19

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### STATEMENT 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 one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If Inhaled - Remove victim to fresh air. Apply artificial respiration if indicated.

If On Skin - Remove contaminated clothing and wash affected areas with soap and water.

If In Eyes - Flush eyes with plenty of water. Call a physician immediately.

NOTE TO PHYSICIAN - Contains a cholinesterase inhibitor. If signs of cholinesterase inhibition develop, atropine sulfate by injection is antidotal. 2-PAM is also a ligand, and may be administered in conjunction with atropine sulfate.

**WOODSBURY CHEMICAL COMPANY**  
PRINCETON, FLORIDA 32080

It is a violation of Federal Law to sell this product in a manner inconsistent with the labeling.

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 OF ORNAMENTALS:** Use this product to treat flowers, shrubs, vines, shade and flowering trees, and evergreens found to be infested with the pests listed in the following table. 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 wetting spray to both upper and lower leaf surfaces and infested limb and trunk areas. Attempt to penetrate dense foliage but avoid over-spraying. Treat when pests appear and repeat at 7 to 10 day intervals, if needed. NOTE - do not use on Azaleas, Camellias, Elmstettian, cone bushes, Variegated Ivy or Hibiscus due to possible injury to foliage.

**DOSES AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS**

Pests	Amount of Concentrate to use in water to Make		
	3 Gals.	10 Gals.	100 Gals.
Aphids, Mites, Barkworms, Orangestriped Oakworm, Eastern Tent Caterpillar, Spittlebug, Fall Webworm, Whiteflies, Grasshoppers, Yellownecked Caterpillar	4 teaspoonfuls	2 1/2 Fl. Oz.	27 3/4 Fl. Oz.
Cabbageworm, Leafhoppers, Armyworms, Minors Webworms, Redtailed Caterpillar, Mosquito (Exposed stages)	1 2/3 Fl. Oz.	5 1/2 Fl. Oz.	3 Pints + 7 1/4 Fl. Oz.
White Borer, Lilac Borer, Dogwood Borer, Scale Crawlers, (Oak Lecanium, Pine Needles, Elm, and White Peach Borer)	3 1/4 Fl. Oz.	10 3/4 Fl. Oz.	3 Quarts + 14 1/4 Fl. Oz.
Peach Tree Borer ***	9 1/4 Fl. Oz.	30 1/3 Fl. Oz.	2 1/3 Gallons

**PEACH TREE BORER -** Dilute 9 1/4 Fluid Ounces 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 upper portions of the tree. This treatment is for ornamentals only. Do not apply to trees with edible fruits.

**NOTE - MOSQUITOES** common to lawn areas treated for control of Turf and Ornamental plant pests will be killed for a few periods of time after treatment, depending on exposure of treated areas to weathering conditions.

**PESTS ON OUTSIDE SURFACES OF BUILDINGS:**

Use this product at the rate of 4 Fl. ounces per gallon of water to control Ants, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Mosquitoes, Sowbugs, 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 congregate 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, Millepedes, and Sowbugs (Pillbugs) treat a band of soil 6 to 10 feet wide around and adjacent to buildings, also buildings foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use 25 1/2 Fl. ounces in 100 gallons of water and apply as a coarse spray at the rate of about 10 gallons spray mixture per 1,000 sq. ft. to thoroughly and uniformly wet the band area.

**PESTS OF LAWNS, OTHER ORNAMENTAL AND RECREATIONAL TURF AREAS AND PERENNIAL TURF GRASSES GROWN FOR SEED:** Use this product to control pests listed in the following table by application at the recommended dosages and in accordance with the directions 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 time of treatment.

**DOSAGES AND DIRECTIONS FOR USE ON TURF**

PEST	DOSAGE per 1,000 sq. ft.	REMARKS
<b>Ants, Armyworms, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers, Ticks, Sod Webworms.</b>	2 1/2 Fl. Ounces  **Use in a minimum of 2 1/2 to 3 Gallons water per 1,000 sq. ft.	Spray when pests first appear, retreat when needed. For Sod Webworms delay watering or mowing the treated area for 12 to 24 hours after treatment.
<b>Turfgrass (Hyperodes) Weevil</b>	1 Fl. Ounce  See Foot Note **	Spray suspected problem areas in Mid-April and in Mid-May or as recommended by Local Agricultural Extension Service Specialist.
<b>White Grubs of European Chafer and Japanese Beetle, larvae only.</b>	4 1/4 to 8 1/2 Fl. Ounces  See Foot Note **	Spray when Grubs are actively feeding near the soil surface in late July and August or as recommended by Extension Specialist. Water treated area after treatment with 1/2 to 1 inch of water to wash insecticide into soil.

DIRECTIONS FOR USE (Cont.)  
 DOSAGES AND DIRECTIONS FOR USE ON TURF (Continued)

(CHART CONTINUED)

Bluegrass Billbug	4 1/4 to 8 1/2 Fluid Ounces See Foot Note**	Spray early in the season when adults first appear. Retreat when needed.
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3 fluid ounces/1,000 Sq.Ft. = 1 Gallon per acre.

\*\*Amount of water varies per 1,000 Sq.Ft. with program (3 gal. up to 30 gal.)  
 Note that the use of 5 to 10 gallons of water per 1,000 Sq.Ft. will give better control.

**AREA CONTROL OF TICKS AND CHIGGERS** Use for noncrop 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 25 1/2 Fl.Oz/Acre in sufficient water to mist all areas including low underbrush, grassy areas, weeds, and ground surface 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

CRACK & CREVICE TREATMENT  
 FOOD HANDLING ESTABLISHMENTS

Places other than private residences in which exposed food is held, processed or served.

**FOOD AREAS** - Application limited to crack and crevice treatment only. Includes areas for receiving, storage, packing, (canning, wrapping, boxing,) preparing, 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 food areas).  
 Using the 0.5% spray apply in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases where cockroaches, ants, and silverfish hide. Do not use this product in conduits, motor 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.  
**Serving Areas** - Facilities where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held. Using the 0.5% spray apply as a spot treatment to selective surfaces such as baseboards, under elements of construction into cracks and crevices. Avoid treating surfaces likely to be contacted by food. (Do not apply when facility is in operation or foods are exposed).

DIRECTIONS FOR USE (Cont.)

INDOOR PEST CONTROL (Non-Food Areas)

Do not use this product in edible product 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. USE IN NON-FOOD AREAS AS DIRECTED BELOW as a Spot OR Crack & Crevice Treatment.

As a SPOT TREATMENT use this product 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, apartments, hospitals, stores, and warehouses. It may be used with water or deodorized base oil for a Maintenance Spray or Extra Strength Spray. Follow directions for control of pests listed and repeat as needed for control.

DILUTION CHART

Am't. Of Spray	Maintenance Spray (.25% Dursban + .125% DDVP)	Extra Strength Spray (.50% Dursban + .25% DDVP)
[Water]		
1 Gallon	2 1/8 Fluid Oz.	4 1/4 Fluid Oz.
3 "	6 1/3 " "	13 " "
5 "	10 2/3 " "	21 1/3 " "
[Deo-Base Oil]		
1 Gallon	1 3/4 " "	3 1/2 " "
3 "	5 1/4 " "	10 1/2 " "
5 "	9 3/4 " "	17 1/2 " "

1 Ounce = 2 tablespoons    6 teaspoonfuls. Deo Base Oil - Deodorized base Kerosine.

The lower strength should be used as a maintenance spray while the stronger could be used to quickly 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 localized 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 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 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, near 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. DO NOT TREAT THE SURFACES OF CARPETS OR RUGS WITH THIS PRODUCT.

**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 areas (after canning or bottling).

Use the Maintenance Rate (See Dilution Chart) 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 may hide or through which they may enter. Do not let spray or mist contact food, feedstuffs and/or water supplies. Dishes and food handling equipment should be thoroughly washed with soap and water if they have become contaminated with this product. Repeat treatment as needed for control.

**IMPORTANT** - Use only as a spot or crack and crevice treatment for indoor pests. Do not use in Poultry Houses or other animal buildings. Do not allow children or pets to contact treated surfaces until spray has dried. Remove or cover fish bowls before spraying.

#### PRECAUTIONARY STATEMENTS

##### Hazards To Humans and Domestic Animals

**DANGER**- May be fatal if swallowed, inhaled or absorbed through the skin. Do not breathe spray mist. Causes skin irritation. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water before eating or smoking. Wash all contaminated clothing with soap and water before reuse. Continued exposure to this product will increase susceptibility to it and other cholinesterase inhibitors. Wear rubber gloves, protective clothing and goggles when working with this material.

##### ENVIRONMENTAL HAZARDS

This product is toxic to fish, wildlife and birds. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply where runoff is likely to occur.

##### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

##### STORAGE AND DISPOSAL 12 pt. type

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

**STORAGE** - Store product in 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 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 dispose of in a sanitary landfill or by other approved State and local procedures.

**NOTICE** - Buyer assumes all risk and liability of use, storage and/or handling of this material not in accordance with the terms of this label.