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5481-217

9/30/86

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	EPA REGISTRATION 5481-217	DATE OF ISSUANCE SEP 30 1986
	TERM OF ISSUANCE Until Reregistered	
	NAME OF PESTICIDE PRODUCT Dursban-DDVP 1.25 Indoor/Outdoor Spray Concentrate	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>Amvac Chemical Corporation 4100 East Washington Boulevard Los Angeles, CA 90023</p> </div> <div style="width: 35%; text-align: right;"> <p>161 / 171178 171 1</p> </div> </div>		
<p>NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data. 2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> a. Add the phrase "EPA Registration No. 5481-217." b. Correct spelling of Webworms. c. Add an asterisk to INERT INGREDIENTS. d. Change "Mining" Safety etc." at "Mine Safety etc." e. Change "label" to "labeling" at the end of the misuse statement. 		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL 		DATE 9/30/86

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

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

Enclosures

379

COMFILE B:54DRDVP1.LAB #11
EPA FILE SYM: 5481-ERT



PAGE 1 OF 7
RECEIVED
EPA COMMENTS
EPA Letter Dated:

DURSBAN® - DDVP 1.25

SEP 3 0 1986

INDOOR / OUTDOOR SPRAY CONCENTRATE

FOR TURF AND ORNAMENTALS

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

5481-217

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

INDOOR PEST CONTROL

For Use in Food and Non-Food Areas For Control Of
Cockroaches, Fleas, Ants, Crickets, Sivlerfish, Spiders, Brown Dog Ticks.
FOR COMMERCIAL / INDUSTRIAL USE

ACTIVE INGREDIENTS:

CHLORPYRIFOS [O,O-Diethyl O-(3,5,6-trichloro- 2-pyridyl) phosphorothioate].	12.70%
2,2-Dichlorovinyl dimethyl phosphate.	3.19%
Related Compounds	0.24%
INERT INGREDIENTS:	83.87%
TOTAL	100.00%

Contains 1 lb. Chlorpyrifos & 0.25 lbs of Dichlorvos(DDVP) per Gallon
*Contains an Aromatic Petroleum Distillate.
©DURSBAN Reg. Trademark Dow Chemical Company U.S.A.

KEEP OUT OF REACH OF CHILDREN

SKULL
X (red ink)
CROSSBONES

D A N G E R - P O I S O N

SKULL
X (red ink)
CROSSBONES

-----STATEMENTS OF PRACTICAL TREATMENT-----

IF SWALLOWED: Call a physician or Poison Control Center immediately. If possible vomiting should be induced under medical supervision. 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.

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-ERT

EPA EST. NO. 5481-CA-1

NET CONTENTS _____ GALLON

AMVAC CHEMICAL CORPORATION
4100 EAST WASHINGTON BLVD
LOS ANGELES CA 90023

4/9

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).

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 by cleaning of equipment or disposal of wastes. 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 rinsate 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:** (Metal) 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. (Plastic) Triple rinse (or equivalent). Then offer for recycling or reconditioning, or 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.

DIRECTIONS FOR USE (Cont.)

PESTS OUT-OF-DOORS

General information - Use this product for control certain pests on outside surfaces of buildings and on lawns and ornamentals 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 5½ 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, evergreen, 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 Sowbugs, (Pillbugs) treat a band of soil 6 to 10 feet wide around and adjacent to buildings, also building foundations to a height of 2 to 3 feet, where pests are active and may find entrance. Use 32 ounces (1 Quart) in 100 gallons of water and apply 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 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 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 flower, shrubs, vines, shade trees 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 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, Poinsettias, Rose Bushes, or Variegated Ivy because of possible injury to foliage.

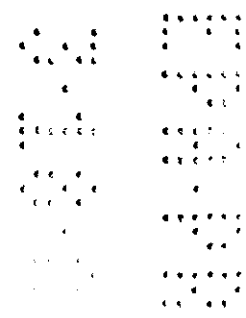
689

PESTS OUT-OF-DOORS (Cont.)

DOSAGES AND DIRECTIONS FOR USE ON ORNAMENTAL PLANTS			
PESTS	FLUID OUNCES OF CONC. TO USE IN WATER TO MAKE		
	3 GALLONS	10 GALLONS	100 GALLONS
Aphids, Mites, Bagworms, Orangestriped Oakworm, Eastern Tent caterpillar, Spittlebug, Fall Webworm, Whiteflies, Grasshoppers, Yellownecked Caterpillar.	1.0 Fl.Oz.	2.2 Fl.Oz.	1 Quart
Cutworms, Leafhoppers, Mealybugs, Mimosa Webworms, Red Humped Caterpillar, Thrips(Exposed Stage.).	2.0 Fl.Oz.	6.4 Fl.Oz.	2 Quarts
Ash Borer, Lilac Borer, *Dogwood Borer, Scale Crawlers, Oak Lecanium, Pine Needle; Tea; White Peach;- Scale Insects.	4.0 Fl.Oz.	12.0 FL.OZ.	1 Gallon
**Peach Tree Borer	11.50 Fl.Oz.	38.5 Fl.Oz.	3 Gallons

*Dogwood Borer: Mix 1 gallon in 100 gallons water (1 Quart in 25 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 11.5 fl. oz. 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 limbs. Apply as a coarse wet spray 3 times May 1st; June 1 st.; and July 1st. Do not treat the fruit or upper portions of the tree. THIS TREATMENT IS FOR ORNAMENTAL "FLOWERING" PEACH TREES ONLY.



789

PESTS OUT-OF-DOORS (Cont.)

DOSAGES & DIRECTIONS FOR USE ON TURF

PEST	DOSAGE/1,000 SQ.FT.	REMARKS
Ants, Armyworms, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers Ticks, Sod Webworms,	*3.0 Fl.Oz. Use in a minimum of 5 to 10 gals. of water /1,000 sq.ft.	Spray when pests first appear, retreat when needed. For Sod Webworm delay watering or mow- ing for 12 to 24 hours after treatment.
Turfgrass Hyperodes	6 Fl.Oz.	Spray problem areas in Mid April and again in Mid-May or as recommend- ed by Local Ag. Ext. Service Specialists.
White Grubs of European Chafer and Japanese Beetle (Only)	6 to 12 Fl. Oz.	Spray when grubs are actively feeding near the soil surface in late July & August or as recommended by local Ag.Ext.Serv. Specialist Water treated area after treatment with ½ to 1 inch water to wash insecticide into soil
Bluegrass Billbug	6 to 12 Fl. Oz.	Spray early in the season when adults first appear. Retreat as needed.

*3.0 Fluid Ounces per 1,000 SQ.FT. = 1 Gallon per acre.

NOTE: Mosquitoes, coming to rest on areas treated for control of Turf and Ornamental plant pest 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 road-sides, 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 Quart per acre in sufficient water to mist all areas including low underbrush, grassy areas, weeds, and around 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.

8/9

DIRECTIONS FOR USE (Cont.)

INDOOR PEST CONTROL

DIRECTIONS FOR APPLICATION IN NON-FOOD AREA

Non-food areas includes, 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 baseboards 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 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. Do not use in serving areas while food is exposed.

USE ONLY 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, Hospitals (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.

INDOOR PEST CONTROL DILUTION CHART

Amount of Spray (Water or Oil)	Amount of Concentrate To Use	
	Maintenance Spray	Standard Strength Spray
1 Gallon	2 2/3 Fl.Oz.	5 1/3 Fl.Oz.
3 Gallons	8 Fl.Oz.	16 Fl.Oz.
5 Gallons	13 1/3 Fl.Oz.	26 Fl.Oz.

The lower strength should be used as a Maintenance Spray while the Standard Strength Spray should 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 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, also around doors and windows, where these pests may find entry.

9/9

DIRECTIONS FOR USE (Cont.)

INDOOR PEST CONTROL (cont.)

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.

IMPORTANT: Use as a SPOT TREATMENT ONLY FOR INDOOR PESTS. Do not use in poultry 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.

FOR APPLICATION WITHIN FOOD AREAS.

FOOD AREAS APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY

Includes areas for receiving, 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. Refer to DILUTION CHART FOR HOW TO MIX.

Use STANDARD RATE 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 points between different elements of construction, between equipment legs and bases where cockroaches 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.

NOTICE: 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.