

769-940

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MAR 23 2000

Ms. Stacy Hartis
SureCo, Inc.
7501 Harps Mill Rd.
Raleigh, NC 27615-5422

Dear Ms. Hartis:

Subject: Revised Labeling
SMCP Dursban Plus Dichlorvos Insecticide
EPA Reg. No. 769-940
Your Submission Dated October 22, 1999

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your products under FIFRA section 3(c)(5) or 4(a) 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 bearing the amended labeling:
 - a. Revise *each* retreatment statement to specify a maximum frequency of application, such as: "... but not more than ___ times per ___."
3. Your Child-Resistant Packaging (CRP) certification has been received and is acceptable regarding compliance with the standards of 40 CFR 157.32 including the revised effectiveness standards in 16 CFR 1700.15(b) and the revised testing procedures in 16 CFR 1700.20 as published in 60 FR 37710 (July 21, 1995). You are advised however, that any future CRP certifications are to be sent in as *amendments to the pesticide registration*, not as notifications.

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 bearing the amended labeling constitutes acceptance of these conditions. A stamped label is enclosed for your records.

Sincerely,

A handwritten signature in cursive script, appearing to read "George T. LaRocca".

George T. LaRocca
Product Manager 13
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

DURSBAN* PLUS DICHLORVOS INSECTICIDE

For Sale To, Use and Storage by Licensed Pest Control Operators Only

Do not treat more than 5 applications sites per day and do not make DDVP application more than once per week.

Indoor/Outdoor Pest Control

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

FOR INSECT CONTROL IN NON-FOOD AREAS For Cockroaches, Ants, Crickets, Silverfish, Fleas, and Brown Dog Ticks.

Active Ingredients:

**Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate]	24.00%
***Dichlorvos (2,2-Dichlorovinyl dimethyl phosphate).....	6.04%
Related Compounds	0.46%
Other:	<u>69.50%</u>
Total:	100.00%

*Dursban is a trademark of DowAgroSciences LLC **Contains 2 lb. chlorpyrifos and 0.5 lbs. ***Dichlorvos (DDVP) per gallon
Contains Aromatic Petroleum Solvent

KEEP OUT OF REACH OF CHILDREN



Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID

If Swallowed: Call a doctor or Poison Control Center immediately. Induce vomiting, if possible under medical supervision. Induce vomiting by drinking 1 or 2 glasses of water and touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not give anything by mouth and do not induce vomiting.

If On Skin: Wash with plenty of soap and water. Get medical attention.

If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

ACCEPTED
RECORDS
in EPA Letter Dated

MAR 23 2000

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

769-940

If In Eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

Note To Physician: Chlorpyrifos and dichlorvos are cholinesterase inhibitors. Signs and symptoms of cholinesterase inhibition include: weakness, headache, chest tightness, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps. If signs ^{or symptoms} of cholinesterase inhibition are present, atropine sulfate is antidotal. 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. 2-PAM is also antidotal and may be administered in conjunction with atropine. Morphine is contraindicated. Susceptibility to very small amounts of cholinesterase inhibitors exists. Allow no further exposure to cholinesterase inhibitors until time for cholinesterase regeneration has been allowed as determined by a blood test.

This product contains an aromatic petroleum solvent. Solvent presents aspiration hazard. Vomiting may cause aspiration pneumonia. Gastric lavage is indicated if material was taken internally.

PRECAUTIONARY STATEMENTS
Hazards To Humans and Domestic Animals
DANGER

Fatal (poisonous) if swallowed, inhaled or absorbed through the skin. Corrosive. Causes irreversible eye damage. Do not get in eyes, on skin, or clothing. Do not breathe vapor or spray mist. Rapidly absorbed through the skin. Wash thoroughly with soap and water after handling and before eating, drinking, or using the tobacco. Remove contaminated clothing and wash before reuse.

Do not apply this product in patient rooms or in any rooms while occupied by the elderly or infirm. Do not apply to classrooms when in use.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly and change into clean clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options follow the instructions of category "G" on an EPA chemical resistance category selection chart in the Worker Protection Standard.

Applicators and Other Handlers Must Wear:

- Coveralls over long-sleeved shirt and long pants

- Chemical-resistant gloves such as Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Polyvinyl Chloride or Viton
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron required for mixing/loading and cleaning equipment
- Respirator with either an organic vapor removing O/V cartridge with a prefilter approved for pesticides (MSHA/NOISH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number TC-14G)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this products concentrate. ~~Do~~ not reuse them. Follow manufacture's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish, and aquatic invertebrates. Birds feeding in treated areas may be killed. Clean up spilled product to reduce exposure to wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops and weeds. Do not apply this product, or allow it to drift, to blooming crops or weeds if bees are visiting the treatment area.

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 labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply through any type of irrigation system.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls over long sleeved shirt and long pants, Chemical-resistant gloves, such as Barrier Laminate or Viton, Chemical-resistant footwear plus socks, Protective eyewear, Chemical-resistant headgear for overhead exposure.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries, or greenhouses. Do not allow public use of treated areas during application or until sprays have dried.

PHYSICAL AND CHEMICAL HAZARDS

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

Important: Read these entire Direction and Conditions of Sale before using this product.

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. Do not apply by air. Do not apply to rangelands.

Pests On Outside Surfaces and Around Buildings: Use this product at the rate of 2 ¼ 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 wetting spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps, where these pests

congregate or have been seen. Do not apply to runoff or allow product to puddle. Do not treat or allow the spray to contact plants (lawns, flowering plants, shrubs, trees, evergreen, etc.) because of possible injury. Repeat treatment as infestations reappear and build-up. (but no more than?)

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 16 ounces (1 pint) 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 the following pests as listed 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.

DOSAGES AND DIRECTIONS FOR USE ON TURF

PEST	Amount of Dursban Plus Insecticide	SPECIFIC DIRECTIONS
Ants, Armyworms, Brown Dog Ticks, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers, Ticks, and Sod Webworms (lawn moths)	1.5 fl. oz. (equivalent for ½ gallon of concentrate per acre)	Apply in a minimum of 5 ^{cc} - 10 gallons per 1,000 sq. ft.
Turfgrass hyperodes	3 fl. oz.	Spray problem areas in mid April and again in mid May or as recommended by Local Agricultural Extension Service Specialist.
White Grubs European Chafer Japanese Beetle	3 to 6 fl. oz.	1) Spray when grubs are actively feeding near the soil surface in late July and August or as recommended by local Agricultural Extension Service

		<p>Specialist.</p> <p>2) Following application irrigate treated area with ½ inch water to wash insecticide into soil.</p>
Bluegrass Billbug	3 to 6 fl. oz.	<p>1) Spray early in the season when adults first appear. Repeat in 4 to 6 weeks or when infestations reappear and build-up.</p> <p>2) Following application irrigate treated area with ½ inch of water to wash insecticide into soil.</p>

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.

PEST	Amount of Dursban Plus Insecticide per 1,000 sq. ft.	SPECIFIC DIRECTIONS
Area control of Ticks and Chiggers	1 Pint per acre	<p>Use for non-crop 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.</p> <p>40 to 100 gallons of spray solution per acre is recommended. Apply in sufficient water to obtain thorough coverage of all areas including low underbrush, grassy areas, weeds, ground surfaces and debris.</p> <p>ATTENTION: Do not allow</p>

		public use of treated areas during application or until spray has dried. See ENVIRONMENTAL HAZARDS section.
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PESTS 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 a 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. Do not use on Azaleas, Camellias, Poinsettias, Rose Bushes, or Variegated Ivy because of possible injury to foliage.

PESTS	DILUTION/WATER	SPECIFIC DIRECTIONS
Aphids, Mites, Bagworms, Orangestriped Oakworm, Eastern Tent caterpillar, Spittlebug, Fall webworm, Whiteflies, Grasshoppers, Yellownecked caterpillar	0.5 fl. oz./3 gallons	
Cutworms, Leafhoppers, Mealybugs, Mimosa webworms, Red-humped caterpillar, Thrips (exposed)	1.0 fl. oz./3 gallons 3.2 fl. oz./10 gallons 1 quart/100 gallons	
Ash borer, Lilac borer, *Dogwood borer, (scale crawlers, oak lecanium, pine needle, tea and white peach), scale insects	2.0 fl. oz./3 gallons 6.4 fl. oz./10 gallons 2 quarts/100 gallons	*Dogwood borer: Mix ½ gallons in 100 gallons water (1 quart in 50 gallons) and spray trunks and lower limbs of trees when adults begin to emerge. Consult you local Ag. Extension Service for the proper timing.
Peach Tree borer	5 ¾ fl. oz. in 3 gallons	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 1 st , June 1 st , and July 1 st . Do not treat the fruit or upper portions of the tree. This

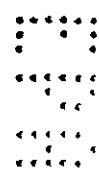
		treatment is for ornamental peach trees only.
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**INDOOR PEST CONTROL
DIRECTIONS FOR APPLICATION IN NON-FOOD AREAS**

For indoor use, only crack and crevice treatments are permitted. Space spray and broadcast treatments are prohibited. Do not use in food/feed areas of food/feed handling establishments, restaurants, or areas where food is prepared for processed. Do not use in serving areas while food is exposed or facility is in operation. Do not use to treat nonperishable bagged and/or bulk stored raw or processed agricultural commodities. 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 food handling equipment should be thoroughly washed with soap and water if they have become contaminated with this product. Repeat treatment as infestations reappear and build-up. Do not use in serving areas while food is exposed.

Do not use in hospitals or clinical rooms, such as patient rooms, wards, nurseries, operating or emergency areas. Do not use in any room where infants or sick or aged are, or will be present for any extended period of time.

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), non-food areas of stores and warehouses. It may be used with water or a deodorized base oil for a "Maintenance Spray". Follow directions for control of pests listed and repeat as infestations reappear and build-up.



DILUTION CHART

To Make this Amount of Spray (Water or Deobase Oil)	Use this Amount of Dursban DDVP 2.50	
	<u>For Maintenance Spray</u>	<u>For Standard Strength Spray</u>
1 Gallon	1 1/3 fl. oz.	2 2/3 fl. oz.
3 Gallons	4 fl. oz.	8 fl. oz.
5 Gallons	6 2/3 fl. oz.	13 1/3 fl. oz.

The lower strength should be used as a maintenance spray while the maximum rate 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,

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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.

For Brown Dog Ticks (Do not treat Pets with this product) Apply as a spot treatment in 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.

NOTE: Use as spot treatment only for indoor pests. Do not apply as a space spray or broadcast treatment. 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. Test for damage to carpets and asphaltic tiles first before applying to these surfaces.

STORAGE AND DISPOSAL

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

Storage: Store product in its original container in a cool, dry locked place out of reach of children. Keep pesticides separate during storage to avoid cross-contamination of other pesticides, fertilizer, food and feed. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

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: 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.

IMPORTANT: Read these entire Directions and Conditions of Sale before using this product. **DISCLAIMER:** SureCo warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in the Directions For Use, subject to the inherent risks referred to above. SureCo makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty. In no case shall SureCo be liable for consequential, special, or indirect damages resulting from the use, handling or application of this product.

NOTICE: Buyer assumes all risks of use, storage, or handling of this material not in strict accordance with directions given herewith.

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EPA Reg. No. 769-940
EPA Est. No. 769-GA-1

Manufactured by:
SureCo, Inc. an indirect subsidiary of Verdant Brands, Inc.
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per EPA letter 1/28/99

