



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number: 829-280	Date of Issuance: DEC 4 2007
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NOTICE OF PESTICIDE:
 Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance: Unconditional
Name of Pesticide Product: SA-50 Dursban 4-E Insecticide

Name and Address of Registrant (include ZIP Code):

 Southern Agricultural Insecticides, Inc.
 P.O. Box 218
 Palmetto, FL 34220

Note: Changes in labeling 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 EPA registration number.

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. Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

Based on your response to the Reregistration Eligibility Decision, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable with the following comments:

Please see page 2 for label comments

You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this Notice or the next printing of the label whichever occurs first, must bear the new revised label. A stamped copy of the label is enclosed for your records. Should you have any questions, please contact Julie Chao at 703-308-8735 or chao.julie@epa.gov.

Signature of Approving Official:
 Meredith F. Laws, Chief *Meredith F. Laws*
 Insecticide-Rodenticide Branch
 Registration Division (7505P)

Date:

DEC 4 2007

Label Comments:

- On page 1, add the entire company address, including phone number.
- On page 1, under the product name, delete the word "many" from the sentence, "Controls many listed insects."
- On page 2, under Hazards to Humans and Domestic Animals, change the statement to read, "May be fatal if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing."
- On page 2, under the PPE section, add the word "with" and delete the "N" filter from the list of approved filters. The sentence must read, "A NIOSH approved dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any R, P or HE filter."
- On page 2, under First Aid, correct the typo in the Note to Physician so it reads, "Contains an organophosphate that inhibits..." (Text currently reads "organophosphate")
- There is no page 3.
- On page 4, under the Physical or Chemical Hazard heading, remove the current text and replace it with the following statement: "Combustible. Do not store or use near heat or open flame."
- On page 4, under Storage and Disposal, delete the phrase "Pesticide wastes are toxic."
- On page 4, change the heading "General Precautions and Restrictions" to "Use Precautions and Restrictions."
- On page 4, under the Use Directions, revise the sentence so it reads, "Pests of turf on..." (Currently reads "Pest of turf on...")
- On page 4, under the Use Directions - Pests Outdoors heading, add the following text so the statement reads, "(including sod farms (for commercial sod only), golf courses (turf only)..."
- On page 4, under the first paragraph of the Use Directions, revise the sentence that reads, "Dilute DURS BAN 4-E in enough water to obtain..." and specify the same amount of water as listed in the following paragraph (i.e., 3-6 gallons of water per 1000 sq. ft.).

- On page 4, under the Outdoor Pests section, **delete the brown dog tick and chigger control claim, and exclude fire, carpenter, harvester, and pharaoh ants from the ant control claim** (i.e., Controls...ants (except for fire, carpenter, harvester, and pharaoh ants).” A control claim for these pests requires additional efficacy data, per PR Notice 2002-1. Also delete ticks and chiggers and add the disclaimer for the four, above-named ant species, wherever they appear on the label.

- On page 5, add the following bolded text so the warranty statement reads, “Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. **To the extent consistent with applicable law, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied extends to the use of this product...**”

Precautionary Statements

5 8 7

Hazards to Humans and Domestic Animals

WARNING: May be fatal if swallowed or absorbed through skin. Causes skin irritation and eye irritation. Do not get in eyes, on skin, or on clothing. Harmful if inhaled. Avoid breathing vapors or spray mist. Do not spray vegetable gardens or other plants used for food purposes.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

All mixers, loaders, other applicators and other handlers must wear:

Coveralls over long-sleeved shirt and long pants;

Chemical-resistant gloves;

Chemical resistant apron when mixing or loading or exposed to the concentrate;

chemical-resistant footwear plus socks;

Chemical-resistant headgear for overhead exposures;

A NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH approved respirator any N,R,P, or HE filter.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, small mammals and birds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water or rinsate.

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

ENGINEERING CONTROLS

When handlers use closed systems or closed cab motorized ground application equipment in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240)(d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using tobacco or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should 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.

FIRST AID

Organophosphate

IF SWALLOWED: Call poison control center or doctor immediately for treatment advice. Contains petroleum distillate. Do not induce vomiting. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration pneumonia. Contains an organophosphate that inhibits cholinesterase. Treat symptomatically. Atropine only by injection is an antidote.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this product (including health concerns, medical emergencies, or pesticide incidents) call the National Pesticide Information Center at 1-800-858-7378.

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 and restricted-entry intervals. 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:

1. Coveralls over short-sleeved shirt and short pants;
2. Chemical-resistant gloves made out of any waterproof material;
3. Chemical-resistant footwear plus socks;
4. Chemical-resistant headgear for over head exposures.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

NON-AGRICULTURAL USE REQUIREMENTS:

Applicators and other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) - in general, only agricultural-plant uses are covered.

Do not enter or allow others to enter until sprays have dried.

Keep container closed. KEEP AWAY FROM OPEN FLAME. Handle concentrate in a ventilated area.

STORAGE AND DISPOSAL

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

Storage: Store in original container in secured dry storage area. Prevent cross contamination with other pesticides and fertilizers. Do not store above 100° F for extended periods of time. 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 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: PLASTIC Triple rinse (or equivalent). Then 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 GENERAL PRECAUTIONS AND RESTRICTIONS

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

Do not apply this product through any type of irrigation system.

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.

SPRAY DRIFT RESTRICTIONS

Do not allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, nontarget crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals.

For ground boom applications, do not apply within 25 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. Apply with nozzle height no more than 4 feet above the ground or crop canopy and when wind speed is 10 mph or less at the application site as measured by an anemometer. Use medium or coarser spray according to ASAE 572 definition for standard nozzles or VMD for spinning atomizer nozzles.

For aerial applications, do not apply within 150 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. The boom width must not exceed 75% of the wingspan or 90% of the rotary blade. Use upwind swath displacement and apply only when wind speed is 3--10 mph as measured by an anemometer. Use medium or coarser spray according to ASAE 572 definition for standard nozzles or VMD for spinning atomizer nozzles. If application includes a no-spray zone, do not release spray at a height greater than 10 feet above the ground or the crop canopy.

For overhead chemigation, do not apply within 25 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. Apply only when wind speed is 10 mph or less.

The applicator also must use all other measures necessary to control drift.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

USE DIRECTIONS - PESTS OUTDOORS

PEST OF TURF ON SOD FARMS, GOLF COURSES (turf), ROAD MEDIANS, AND INDUSTRIAL PLANT SITES. (Not for residential use.)

Use DURSBAN 4-E to control the pests listed below by application at the recommended dosages and in accordance with the directions given below. Dilute DURSBAN 4-E in enough water to obtain complete and uniform coverage of pest infested areas and apply as a coarse, low-pressure spray using suitable application equipment. Thoroughly water immediately after treatment to wash the insecticide into the turf, except as noted. For best results, the turf should be moist at time of treatment.

The maximum application rate per application is 1 lb. ai/A.

INSECTS CONTROLLED - Ants, Armyworms, Brown dog tick, Chiggers, Chinch bugs, Clover mite, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers, Sod Webworms. Use 3/4 fl. oz. per 1,000 sq. ft (1 Qt per acre). Spray when pests first appear; re-treat when needed. For sod webworms delay watering or mowing the treated area for 12 to 24 hours after treatment. Use 3-6 gals. water per 1,000 sq. ft.

Area Control of Ticks and Chiggers: Use DURSBAN 4-E to control ticks and chiggers infesting non-cropland areas where these pests are present and create a nuisance or possible public health problem. Apply DURSBAN 4-E in water at the rate of 1/2 pint per acre (equivalent to 1/2 fl. oz. per 2,700 sq. ft.) using hydraulic sprayer, mist applicator, knapsack sprayer, or other suitable hand or power spray equipment. Treat low underbrush, grassy areas, weeds and ground surface and debris using enough spray volume to obtain thorough coverage usually 40 to 100 gallons per acre. **ATTENTION:** Do not allow public use of treated areas during application or until spray has dried.

TO HELP PREVENT INFESTATIONS OF BUILDINGS (Industrial plant sites only)

For Ants, Crickets, Earwigs, and Sowbugs (pillbugs), treat a band of soil 6 to 10 feet wide around and adjacent to the building, also the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use the same dosage and dilution recommended for control of these pests on turf as shown under **PESTS OF TURF**. Apply as a coarse spray to thoroughly and uniformly wet the band area.

ORNAMENTALS IN COMMERCIAL NURSERIES AND AROUND INDUSTRIAL PLANT SITES:

Use DURSBAN 4-E Insecticide to control aphids, bagworms, cutworms, grasshoppers, leafhoppers, mealybugs, mites, spittlebugs, thrips (exposed), and whiteflies on flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested with these pests. Dilute DURSBAN 4-E Insecticide with water according to following directions and apply using a suitable hand or power spray equipment in a manner to provide complete and uniform coverage of infested plants. Avoid overspraying 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, poinsettias, rose bushes or variegated ivy because of possible injury to these plants.

PESTS CONTROLLED	RATE PER		
	3 GALLONS	10 GALLONS	100 GALLONS
Aphids, Bagworms, Eastern Tent caterpillar, Fall webworm, Grasshoppers, Mites, Orangestriped oakworm, Spittlebugs, White Flies, Yellow necked Caterpillar.	0.5 fl. oz	0.8 fl. oz	1/2 pint
Cutworms, Leafhoppers Mealybugs, Mimose webworms, Redhumped caterpillar, Thrips (exposed)	0.5 fl. oz	1.6 fl. oz	1 pint
Ash borer, Lilac borer, Scale crawlers, (Oak lecanium, Pine needle, Tea, White peach)	1.0 fl. oz	3.2 fl. oz	1 quart

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of **MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE**, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.