


352-770

9/23/2008

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA, as amended)</p>	<p>EPA Reg. Number: 352-770</p>	<p>Date of Issuance: SEP 23 2008</p>
	<p>Term of Issuance: Conditional</p>	
	<p>Name of Pesticide Product: DuPont™ Aperion® ST Insecticide</p>	

Name and Address of Registrant (include ZIP Code):  
 DuPont Crop Protection  
 Stine-Haskell Research Center  
 P.O. Box 30  
 Newark, DE 19714-0030

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 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.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Continued on page 2

<p>Signature of Approving Official:            John Hebert, Product Manager          Insecticide-Rodenticide Branch, Registration Division (7505P)</p>	<p>Date: SEP 23 2008</p>
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3. Make the following label changes before you release the product for shipment:
    - a. Revise the EPA Reg. No. so it reads, "EPA Reg. No. 352-770."
    - b. On page 2, under Localized Spot Treatments, delete the word "or" in the second sentence.
    - c. On page 3, under the Application Precautions, delete the first two paragraphs in their entirety. References to leaks are not appropriate for this product's use pattern.
    - d. On page 3, under the Application Precautions, add the following statement: "Do not allow people or pets to contact treated areas until sprays have dried."
  4. For future submissions, make the following changes to your Confidential Statement of Formulation (EPA Form 8570-4):
    - a. Box 4: Revise the EPA Reg. No. so it reads, "EPA Reg. No. 352-770."

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. If you have any questions, please contact Julie Chao at 703-308-8735 or [chao.julie@epa.gov](mailto:chao.julie@epa.gov).

John Hebert, Product Manager  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure

ACCEPTED  
With COMMENTS  
In EPA Letter Dated:  
SEP 23 2008

Under the Federal Insecticide, Fungicide  
and Rodenticide Act, As amended, this  
pesticide Registered under EPA Reg.

352-770

# DuPont™ Aperion® ST INSECTICIDE

## Professional Products

**INTENDED FOR USE BY COMMERCIAL APPLICATORS OR PEST MANAGEMENT PROFESSIONALS ONLY**

*This product [treatment] will kill workers and/or winged reproductive forms of termites present at the time of application only. Application of this product will not provide structural protection nor substitute for mechanical alteration, soil or foundation treatment with termiticide. This product is not to be used as sole protection against termites, as it is not intended for use for elimination of termite infestations nor for protection against future infestations. A professional inspection is recommended.*

Active Ingredient	By Weight
Indoxacarb*	
(S)-methyl 7-chloro-2,5-dihydro-2-[[methoxy-carbonyl][4(trifluoromethoxy)phenyl]amino]-carbonyl]indeno[1,2-e][1,3,4]oxadiazine-4a-(3H)-carboxylate	14.5%
<b>Inert ingredients</b>	<b>85.5%</b>
<b>TOTAL</b>	<b>100.0%</b>

Contains 150 grams of active ingredient per liter or 1.25 pounds of active ingredient per gallon

\*Indoxacarb belongs to the oxadiazine chemical class.

EPA Reg. No. 352-xxx

EPA Est. No. \_\_\_\_\_

Net Contents: \_\_\_\_\_

E. I. du Pont de Nemours and Company  
1007 Market Street  
Wilmington, Delaware 19898

### KEEP OUT OF REACH OF CHILDREN CAUTION

Refer to back/side panels for additional precautionary statements.

#### FIRST AID

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or a doctor. Do not give anything by mouth to an unconscious person.

**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 ON SKIN OR CLOTHING:** Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-441-3637 for emergency medical treatment information.

For information on the use of this product call DuPont Professional Products at 1-888-6-DUPONT (1-888-638-7668).



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## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**Caution:** Harmful if swallowed. Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Harmful if inhaled. Avoid breathing (vapor or spray mist). Remove contaminated clothing and wash clothing before reuse.

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### PERSONAL PROTECTIVE EQUIPMENT

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

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical Resistant Gloves Category A (such as butyl rubber, natural rubber, neoprene rubber or nitrile rubber), all > 14 mls.
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

### 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.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment rinse water. Do not apply where/when conditions could favor runoff. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label before using this product.

Application of this product will not provide structural protection nor substitute for mechanical alteration, soil or foundation treatment with termiticide. This product is not to be used as sole protection against termites, as it is not designed to offer structural protection and will not prevent future infestations.

## PRODUCT INFORMATION

DuPont™ APERION® ST contains the non-repellent insecticide active ingredient indoxacarb which is effective at killing subterranean termites including *Reticulitermes* sp., *Heterotermes* sp, and *Coptotermes* sp. This product will kill workers and/or winged reproductive forms of termites that are present at the time of application. This product may be applied in and around residential and commercial structures with termite infestations and also non-structural wood infested by termites.

Spot treatments with APERION® ST insecticide to kill termites can be made before the scheduled date of a treatment of the structure with a conventional soil applied termiticide and/or foundation treatment.

APERION® ST is formulated as a suspension concentrate.

## APPLICATION AND MIXING INSTRUCTIONS

Application tanks must be cleaned prior to mixing APERION® ST Insecticide. APERION® ST must be applied as a dilute finished application using directions contained in the table below.

**Table 1- Mixing Table for APERION® ST**

Gals. of finished suspension desired	Amount of APERION® ST to obtain 0.09% indoxacarb concentration
1	0.8 fl. oz (23.5mls.)
5	4.0 fl. oz (117.5 mls.)
25	20.0 fl. oz (587.5 mls.)
50	40.0 fl. oz (1175 mls)

### Mixing Instructions

Application equipment must be clean and free of visual pesticide deposits before mixing APERION® ST. Mix APERION® ST in the following manner:

- 1) Use clean, well maintained application equipment.
- 2) Fill sprayer tank 1/4 to 1/2 full with water.
- 3) Start pump to begin by-pass agitation and place end of treating tool in tank to allow circulation through hose.
- 4) Shake the container of APERION® ST well before pouring into tank.
- 5) Add required amount of APERION® ST according to Table 1 above.
- 6) Add the remaining amount of water.
- 7) Let pump run and allow re-circulation through the hose for 2 minutes.

**NOTE:** It is recommended that the spray mixture not be stored in the spray tank or a mix tank overnight.

### Localized Spot Treatments

Direct applications to wood-in-place will kill exposed termites on areas such as sill plates, floor boards, wall studs, or other localized areas. Only use a low pressure, coarse spray or to treat surfaces directly.

This product may be used to treat:

- Exposed wooden elements in crawlspaces, basements, or attics
- Exterior wooden elements in decks, fencing, or siding
- Exposed channels in damaged wood
- Spaces between wooden elements of a building/structure
- Junctions between wood and foundations

### **Treatment of posts, poles, firewood piles, stumps, trees**

Use direct applications to these areas to kill exposed termites. Most spot applications can be conducted using 1-2 gals. Only treat non-bearing/non-edible fruit and nut trees with DuPont™ APERION® ST to kill termites.

### **APPLICATION PRECAUTIONS**

Prior to treatment, the applicator must check the area to be treated and the areas immediately adjacent to the structure for visible and accessible cracks and holes to prevent leaks or significant exposures to persons occupying the structure.

After application, the applicator is required to check for leaks. All leaks resulting in the deposition of insecticide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. Do not allow people or pets to contact areas where leak occurred until the clean up is completed.

#### **Restrictions:**

- Do not apply where electrical shock hazards exist.
- Keep people and pets out of area being treated during application.
- Do not contaminate public and/or private water supplies
- Retreat as necessary, make no more than four applications per year.

### **STORAGE AND DISPOSAL**

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

**STORAGE:** Do not subject to temperatures below 32 degrees F. Store product in original container only in a location inaccessible to children and pets. Do not contaminate water, other pesticides, fertilizer, food or feed in storage.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or 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:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**NOTICE TO BUYER--**Purchase of this material does not confer any rights under patents of countries outside of the United States.

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