

82996-1

10/10/2008

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division (7511C)  
1200 Pennsylvania Avenue NW  
Washington, DC 20460

EPA Reg. Number:  
82996-1

Date of Issuance:  
OCT 10 2008

NOTICE OF PESTICIDE:

Registration      Re-registration  
(under FIFRA, as amended)

Term of Issuance:     **Unconditional**

Name of Pesticide Product:  
**TreeAzin Systemic Insecticide**

Name and Address of Registrant (include ZIP Code):

**Olav Messerschmidt of OMC Ag Consulting**  
**82 Tanglewood Ln.**  
**East Lansing, MI 48823** (Designated United States representative acting on behalf of client)  
  
BioForest Technologies  
105 Bruce Street  
Sault Te. Marie, ON Canada  
P6A 2X6

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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.

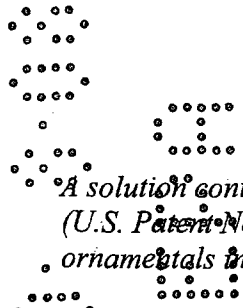
This product is **unconditionally** registered in accordance with FIFRA Sec. 3(c) (5) provided you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. A term of this registration will be for you to submit with one year from the date of this registration notice the following guideline studies: A one year Storage Stability Study on the end use product and Viscosity data.
3. Make the following label change before you release the product for shipment: Revise the EPA Registration Number to read, "EPA Reg. No. 82996-1.
4. Submit three (3) copies of the revised 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 sec. 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.

Signature of Approving Official:  
*W. Michael McDavit*  
Michael McDavit, Associate Director  
Biopesticides and Pollution  
Prevention Division

Date:  
*10/10/08*



# TreeAzin™ Systemic Insecticide For Professional Use

A solution containing azadirachtin for tree injections for use with the EcoJect® System (U.S. Patent No. 7114829) to manage specific insect pests of forests, trees and landscape ornamentals in woodlot, urban and residential environments.

**ACTIVE INGREDIENT:**

- Azadirachtin A+ Azadirachtin B\* ..... 5%
- OTHER INGREDIENTS ..... 95%
- TOTAL ..... 100%

\* Contains 0.42 lbs. of azadirachtin A + B per gallon (50 gms. per liter).

## KEEP OUT OF REACH OF CHILDREN WARNING

FIRST AID	
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by a poison control center or doctor.</li> <li>• Do not give anything to an unconscious person.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Call your poison control center at 1-800-222-1222. For information on product, usage, etc., call 1-888-236-7378, Monday through Friday, 9 a.m. to 5 p.m. (Eastern time).</p>	

Net Contents: 1 liter (1.06 quart)

EPA Reg. No. 82996 - R

EPA Est. XXXX-Y

Manufactured by:  
BioForest Technologies Inc.  
105 Bruce Street  
Sault Ste. Marie, ON Canada  
P6A 2X6

# ACCEPTED

**OCT 10 2008**  
Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for  
the pesticide registered under  
EPA Reg. No. 82996-1

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
WARNING**

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear such as goggles, face shield, or safety glasses. Harmful if swallowed or absorbed through skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**Personal Protective Equipment (PPE):** Applicators and other handlers must wear:

- Long sleeved shirt and pants
- Shoes plus socks
- Protective eyewear
- Chemical resistant gloves

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

**User Safety Recommendations**

User should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if product gets inside. Then wash thoroughly and put on clean clothing.

**PHYSICAL AND CHEMICAL HAZARDS**

**Extremely flammable.** Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

**ENVIRONMENTAL HAZARDS**

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 disposing of equipment washwater or rinsate.

**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, forests, nurseries, or greenhouses

Keep children and pets out of the treated area until sprays have dried.

### 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. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

**IMPORTANT:** Please read the entire label carefully before using the EcoJect® System and TreeAzin. Failure to follow label directions may lead to unnecessary exposure to the applicator, bystanders and the environment.

**This formulation is to be used only with the EcoJect® System for tree injections.**

Apply TreeAzin (undiluted) using the EcoJect System. TreeAzin is a systemic insecticide. Therefore, to ensure optimum efficacy, it is necessary to inject TreeAzin into the active sapwood.

Injection times will vary by tree species, time of year and time of day, but injection times are improved when trees are maintained and watered.

TreeAzin is not to be applied to trees that will produce food.

### EcoJect® System: Instructions for Use

- ✓ Using a diameter tape or calipers, determine the diameter of the tree in inches at breast height (dbh) = 4.3 ft. above ground);
- ✓ Multiply the tree diameter (in.) by 5 to calculate the total dose of TreeAzin for the tree;
- ✓ Divide the total dose required by 8 to determine the number of injection sites/canisters needed.

#### For example

1. The tree diameter (dbh) is 16 inches;
2. Multiply  $16 \times 5 = 80$  ml of TreeAzin required;
3. Divide  $80 \div 8 = 10$  canisters

#### The Injection Hole

- ✓ Using the power drill and appropriate drill bit (e.g. 5/32" or 13/64"), drill a hole at about a 20 to 45 degree downward angle into the tree approximately 6in.-12in. above the ground;
- ✓ The hole should extend through the bark and be approximately 1/2 inch to 1 inch deep into the cambium/sapwood of the tree.

#### The Injection

- ✓ Insert the narrow end of the EcoJect nozzle into the pre-drilled hole and push by hand or tap it gently into place with a hammer;
- ✓ Place the EcoJect canister gently over the nozzle and push until mated;
- ✓ The canister will begin to discharge into the injection hole;
- ✓ Immediately check the area around the nozzle for signs of leakage:
  - If leakage is observed, carefully hold the nozzle in place and remove the canister,
  - Gently tap the nozzle with the hammer and replace the canister to continue the injection,

- Repeat if leakage is still observed.
- ✓ Repeat the procedure for the rest of the injection sites;
- ✓ The injection is completed when the plunger "O" ring can be seen at the end of the "C" on the EcoJect Logo on the canister.
- ✓ **When the injection is completed, wait for 1-2 minutes before removing the canister and nozzle. This allows the injection site to de-pressurize and avoids pesticide spillage.**
- ✓ Remove the empty injection canister separately from the nozzle and store for re-filling;
- ✓ Remove the injection nozzle from the tree and place in a container with 99% alcohol. This cleans and disinfects the nozzles for re-use;

Carefully read the EcoJect® System "Directions for Use" for further information about the System.

**Application Rates in Trees and Ornamentals**

Pests Controlled	Dosage
Emerald Ash Borer	5 ml per inch as a prophylactic treatment and 12.5 ml per inch (dbh) for attacked trees or trees >12in dbh.
Gypsy Moth Tent Caterpillars Leaf miners Spruce Budworm Jack Pine Budworm Sawflies	5 – 12.5 ml per inch (dbh).

Note: "dbh" is the diameter of the tree in inches at breast height

**STORAGE AND DISPOSAL**

**Do not** contaminate water, food or feed by storage or disposal.  
**Pesticide Storage:** store in a cool, dry place and in such a manner to prevent cross contamination with other pesticides, fertilizers, food and feed. Store in original container and out of the reach of children, preferably in a locked storage area. Check any plastics for compatibility. Keep container tightly sealed when not in use. Do not store below 40 degrees Fahrenheit or above 100 degrees Fahrenheit. Shake well before using.

**Pesticide Disposal:** wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:**

- **Metal Containers:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.
- **Plastic Containers:** 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.

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### **Conditions of Sale and Warranty**

The directions for use of this product are believed to be adequate and must be followed carefully, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result due to such factors as weather conditions, presence or absence of other materials, or the manner of use or application, all of which are beyond the control of TreeAzin, the manufacturer, or the seller.

To the extent consistent with applicable law, BioForest Technologies Inc. makes no warranty of fitness of this product for any other purpose, beyond its uses under normal conditions in keeping with the statements made on this label.