

Classified for  
"RESTRICTED USE"  
in New York State  
under 6NYCRR Part 326

# TREEAZIN<sup>®</sup> SYSTEMIC INSECTICIDE™

## TREEAZIN SYSTEMIC INSECTICIDE For Professional Use

A solution containing azadirachtin for tree injections for use with tree injection devices to manage specific insect pests of forests, trees and landscape ornamentals in woodlot, urban and residential environments.

ACCEPTED  
FOR REGISTRATION

JUL 30, 2010

New York State Department  
of Environmental Conservation  
Division of Solid & Hazardous Materials  
Pesticide Product Registration

DOC ID: 523518



**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)  
EPA Reg. No. 82996 - 1 EPA Est. 50837-CN-001

### 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.</li> <li>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>
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).	



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

Net Contents:  
1 liter  
(1.06 quart)

#### 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 TreeAzin and instructions for tree injection devices. Failure to follow label directions and instructions may lead to unnecessary exposure to the applicator, bystanders and the environment.

**This formulation is designed for use with the EcoJect<sup>®</sup> System for tree injections** or with other manufacturer's tree injection devices that meet the label and dosage requirements. Follow the manufacturer's directions for use.

Apply TreeAzin undiluted. TreeAzin is a systemic insecticide. Therefore, to ensure optimum efficacy, it is necessary to inject TreeAzin into the active sapwood. Measure the diameter of the tree at breast height (dbh = 54"). Refer to the application rates below to determine the appropriate dose rate.

Injection times will vary by tree species, weather conditions, 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<sup>®</sup> 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:

- The tree diameter (dbh) is 16 inches
- Multiply 16 x 5 = 80 ml of TreeAzin required
- Divide 80 ÷ 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 (Brad point bits are recommended).
- The hole should extend through the bark and be approximately ½ inch to 1 inch deep into the 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.
- 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 refilling.
- Remove the injection nozzle from the tree and place in a container with 99% alcohol. This cleans and disinfects the nozzles for reuse.

**Carefully read the EcoJect<sup>®</sup> System "Directions for Use" for further information about the System.**

Application Rates in Trees and Ornamentals	
Pests Controlled	Dosage
Emerald Ash Borer	<b>Preventative Treatment:</b> 5 ml per inch dbh
	<b>Symptomatic Tree Treatment:</b> 5 ml per inch dbh for trees < 8 inches dbh 8 ml per inch dbh for trees 8 inches dbh to 16 inches dbh 10 ml per inch for trees > 16 inches dbh
Gypsy Moth Tent Caterpillars Leaf miners Spruce Budworm Jack Pine Budworm	<b>Attacked Tree Treatment:</b> 12.5 ml per inch dbh
	8 ml per inch dbh
Sawflies	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:

- Plastic Containers:** Nonrefillable container. Do not reuse or refill this container. 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.

#### 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.

LP# 505665 01 03/10



Process Color Black

PMS 5605 Green

PMS 4485 Brown

Label Size: 7 3/8 X 9 3/4"  
Corner Radius: 0.125"