# Systemic Insecticide

**TreeAzin®**

For Commercial Use

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

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**Active Ingredient:**

Azadirachtin A + Azadirachtin B* ........................................... 5%

**Other Ingredients:** .......................................................... 95%

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

EPA Reg. No. 82996 – 1

EPA Est. 50837-CAN-001

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**First Aid**

- **If in eyes:**
  - Hold eye open and rinse slowly and gently with water for 15-30 minutes.
  - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.

- **If on skin or clothing:**
  - Take off contaminated clothing.
  - Rinse skin immediately with plenty of water for 15-30 minutes.

- **If swallowed:**
  - Call a poison control center or doctor for treatment advice.
  - Do not give anything to an unconscious person.

**If you believe 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 1-800-223-1232. For information on product usage, etc., call 1-844-236-7378, Monday through Friday, 9 a.m. to 5 p.m. (Eastern time).**

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**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, or using tobacco or the tablet. Remove and wash contaminated clothing before reuse.

**Personal Protective Equipment (PEE)**

- Long-sleeved shirt and pants
- Shoe coverings
- Chemical-resistant gloves

**Follow manufacturer's instructions for cleaning and maintaining PPE.**

**Deer Safety Recommendations**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the tablet.
- 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 100 degrees Fahrenheit 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 debris.

**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.

**Environmental HAZARDS**

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 contaminate water or other sources. Only protected handlers may be in the area during application. If any requirements specific to your State or Tribe, contact the Agency responsible for pesticide regulation. Important: Before using TreeAzin, read the label carefully, as well as the instructions for the tree injection device used to inject TreeAzin. Failure to follow label directions and instructions may lead to unnecessary exposure for the applicator bystanders and the environment.

This formulation is designed for use with the Eastek® for tree injectors or with manufacturers' tree injection devices that meet the label and dosage requirements. Follow the manufacturer's directions for use. Apply TreeAzin untreated. TreeAzin is a systemic insecticide. Therefore, to ensure uniformity and efficiency, it is necessary to inject TreeAzin into the active summit.

**Injection Times**

Injection times will vary by species, weather conditions, time of year and day, but injection times are improved when trees are maintained and watered. TreeAzin is not to be applied to trees that will produce fruit.

**Determining Dose**

- Using a diameter tape or caliper, determine the tree’s diameter in inches at breast height (dbh) (4.5 ft. above ground).
- Multiply the tree’s diameter in inches at breast height (dbh) by appropriate dosage (see Application Rates in Trees and Ornamentals chart to calculate total dose for each tree).

**Example: Preventive Treatment for Emerald Ash Borer**

1. The tree’s diameter is 18 in.
2. Multiply: 18 in. × 5 lbs. = 90 lbs. of TreeAzin required

**The Injection Note**

- Using a power drill and a 1/4 in. drill bit, drill for the Eastek® System (for other injection devices, refer to user instructions for drill bit size). Drill a hole of 3/8 to 45 degree downward angle into the tree approximately 6 to 12 in. above ground (high risk drill sites are recommended).
- The hole should extend through the bark and be approximately 3/4 in. deep into the sapwood of the tree.
- Subsequent injection holes should spiral slightly upward around the tree every 4-6 in. to the final hole no more than 11 in. above the ground.

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**Application Rates in Trees and Ornamentals**

**PEST CONTROLED:** Emerald Ash Borer

**Dosage:**

<table>
<thead>
<tr>
<th>Dose</th>
<th>lbs. of TreeAzin per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>20%</td>
<td>2-4 lbs.</td>
</tr>
<tr>
<td>10%</td>
<td>4-6 lbs.</td>
</tr>
</tbody>
</table>

**Treatment not recommended:**

- 8 lbs. per acre
- 12.5 lbs. per acre
- 16 lbs. per acre

**If heavily infested:**

- Apply full rate

**If in a tree where EAB has been detected and greater than 10 in. from a known EAB infestation:**

- 8 lbs. per acre

**If in a tree where EAB has been detected and less than 10 in. from a known EAB infestation:**

- 12.5 lbs. per acre

**If in a tree where EAB has not been detected:**

- 16 lbs. per acre

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**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 and food. Store in original containers 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. Store at temperatures less than 132 degrees Fahrenheit. Common in vehicles, especially when refrigeration is used. Do not expose to high temperatures for more than short periods of time. These actions may result in some degradation to the product. Keep bottles of TreeAzin out of direct sunlight.

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

**Container Handling:**

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

**Conditions of Sale and Warranty**

These 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. Tree injury, ineffectiveness, or other unintended consequences may result due to such factors as weather conditions, presence of other vegetation, absence of other materials, or the manner of use or application of, or all of which are beyond the control of the manufacturer or the user.

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.

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**Net Contents:** 1 liter (1.06 quart)

**Manufactured by:**

BioForest Technologies Inc.

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Sault Ste. Marie, ON Canada P6B 8P3

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