

82996-1

3/19/2014

1/16



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 19, 2014

BIOFOREST TECHNOLOGIES, INC.

C/o OMC Ag Consulting

828 Tanglewood Lane

East Lansing, MI 48823

Attn: Olav Messerschmidt

Subject: Notification – to add new pest and minor changes in phrasing, consistent with the provisions of PR Notice 98-10.

Product Brand Name: **TreeAzin™ Systemic Insecticide.**

EPA Registration Number: **82996-1.**

Your Submission dated February 4, 2014.

Dear Mr. Messerschmidt:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration Notice (PRN) 98-10 dated above. A screen of this request has been conducted for its applicability under PRN 98-10, and it has been determined that the actions requested fall within the scope of this Notice. Our records have been duly noted, and the label submitted with this application has been stamped "Notification Accepted" and will be placed accordingly in our records.

Three (3) copies of final printed labeling must be submitted to the Agency before your product as modified, may be sold or distributed [PR Notice 82-2 and 40 CFR 156.10(a) (6)].

If you have any questions regarding this action, you may contact Mr. Sylvester George at (703) 603-0688 or via e-mail at george.sylvester@epa.gov.

Sincerely,

Linda A. Hollis

Linda A. Hollis, Chief
Biochemical Pesticide Branch
Biopesticides and Pollution
Prevention Division (7511P)



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

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United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number BioForest Technologies Inc./ 82996 - 1	2. EPA Product Manager Linda Hollis	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) TreeAzin Systemic Insecticide	PM# 91	
5. Name and Address of Applicant (Include ZIP Code) 105 Bruce Street Sault Ste. Marie, ON Canada P6A 2X6 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification per PR Notice 98-10: Revising the language for the drilling the holes into the tree.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 20 ml, 1, 2 Liter		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product		<input checked="" type="checkbox"/> Lithograph Paper glued Stenciled		<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Olav Messerschmidt	Title Registration Agent	Telephone No. (Include Area Code) 517-881-0106
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Registration Agent	
4. Typed Name Olav Messerschmidt	5. Date February 4, 2014	

OMC Ag Consulting

3/16

February 4, 2014

Ms. Linda Hollis
Biochemical Pesticides Branch Chief (PM #91)
Document Processing Desk (DPD) (NOTIF)
Biopesticides & Pollution Prevention Division (BPPD) – 7504P
U. S. Environmental Protection Agency
One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202

Subject: TreeAzin™ Systemic Insecticide (EPA Reg. No. 82996 – 1)
Notification: addition of new pest and minor changes in phrasing

Dear Ms. Hollis:

We request to add the following statement to the subject label on pages 5 and 12 by Notification per PR Notice 98-10:

- *Subsequent injection holes should spiral slightly upward around the tree every 5-6 in. so the final hole is no more than 11 in. above the ground.*

In support of this request, attached are the following documents:

- Application for Pesticide Registration (EPA Form 8570-1)
- One copy of the label with all proposed changes highlighted
- 5 copies of the draft label

PR Notice 98-10, Section II(M)(3) allows addition of **similar application methods**. In this proposed change, the application method remains the same (drilling the holes and using an injection system.) In this case, additional information is added on how to space the drilling holes on subsequent applications.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

To facilitate state registrations, a copy of the stamped approved label is requested. If you have any questions, please don't hesitate to contact me directly at 517-881-0106 or by email at omesserschmidt@comcast.net

Sincerely,



Olav Messerschmidt,
Registration Agent for BioForest Technologies, Inc.

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TreeAzin™ Systemic Insecticide (EPA Reg. No. 82996 – 1)

MASTER LABEL

Sublabel A is for Commercial Use

Sublabel B is for Residential Use

Notification Accepted

Date: 3/19/2014

Reviewer: Sylvester George

TreeAzin™ Systemic Insecticide

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.

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

If in eyes:	<ul style="list-style-type: none"> • 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. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> • 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 by a poison control center or doctor. • Do not give anything to an unconscious person.

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).

Net Contents: 20 ml, 1 liter (1.06 quart), or 2 liter (2.12 quarts)

EPA Reg. No. 82996 – 1

EPA Est. XXXX-Y

[Batch Number]

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

TreeAzin™ Systemic Insecticide (EPA Reg. No. 82996 – 1)
Sublabel A: Commercial Use

TreeAzin™ Systemic Insecticide
For Commercial 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.

 **FOR ORGANIC PRODUCTION**

[add OMRI logo]

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	
If in eyes:	<ul style="list-style-type: none"> • 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. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> • 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 by a poison control center or doctor. • Do not give anything to an unconscious person.
<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: 20 ml, 1 liter (1.06 quart), or 2 liter (2.12 quarts)

EPA Reg. No. 82996 – 1
EPA Est. XXXX-Y

[Batch Number]

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

[Optional marketing claims, may be used on any panel]

- *Pictures illustrating how to determine a tree's circumference at breast height and performing the injection (i.e. drilling the hole at the proper angle, depth of drill hole and nozzle and canister placement in the tree etc.) may be added.*
- *Provides two (2) years protection against emerald ash borer.*
- *Injected directly into the tree for minimal personal, animal and environmental exposure.*
- *Rapid uptake and translocation of TreeAzin Systemic Insecticide after being injected into trees.*
- *Effective control of insect pests that consume tree leaves (e.g. gypsy moth, tent caterpillars, leaf miners), needles (budworms, sawflies), cambial tissue (e.g. Emerald ash borer) and sucking and piercing insects (e.g. Hemlock woolly adelgid).*
- *Trees saving trees*

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 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 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: Before using TreeAzin, read this 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 to the applicator, bystanders and the environment.

This formulation is designed for use with the EcoJect® System for tree injections or with other manufacturers' 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.

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.

Determining Dose

- Using a diameter tape or calipers, 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 the total dose of TreeAzin for the tree.

Example: Preventative Treatment for Emerald Ash Borer

1. The tree diameter (dbh) is 16 in.
2. Multiply: 16 in. x 5 ml/in. = 80 ml of TreeAzin required

The Injection Hole

- Using a power drill and a 15/64 in. drill bit for the EcoJect® System (for other injection devices, refer to user instructions for drill bit size), drill a hole at a 20 to 45 degree downward angle into the tree approximately 6-12 in. above ground (Brad point bits are recommended). The hole should extend through the bark and be approximately ½ -1 in. deep into the sapwood of the tree.

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Application Rates in Trees and Ornamentals

Pests Controlled	Dosage																												
<p>Emerald Ash Borer</p>	<table border="1"> <tr> <td data-bbox="641 348 803 611" rowspan="2"> <p>Within a quarantined county, a state quarantine generally-infested area or less than 15 mi. from a known EAB infestation</p> </td> <td data-bbox="803 348 917 485"> <p>EAB infested</p> </td> <td data-bbox="917 348 1096 411"> <p>≥ 30% canopy thinning and/or dieback</p> </td> <td data-bbox="1096 348 1209 411"> <p>Treatment not recommended</p> </td> </tr> <tr> <td data-bbox="803 411 917 485"></td> <td data-bbox="917 411 1096 485"> <p>< 30% canopy thinning and/or dieback</p> </td> <td data-bbox="1096 411 1209 485"> <p>12.5 ml/in. dbh</p> </td> </tr> <tr> <td data-bbox="641 485 803 611" rowspan="2"></td> <td data-bbox="803 485 917 611"> <p>Suspicious EAB symptoms or No EAB symptoms</p> </td> <td data-bbox="917 485 1096 548"> <p>≥ 30% canopy thinning and/or dieback</p> </td> <td data-bbox="1096 485 1209 548"> <p>12.5 ml/in. dbh *</p> </td> </tr> <tr> <td data-bbox="803 548 917 611"></td> <td data-bbox="917 548 1096 611"> <p>< 30% canopy thinning and/or dieback</p> </td> <td data-bbox="1096 548 1209 611"> <p>12.5 ml/in. dbh</p> </td> </tr> <tr> <td data-bbox="641 621 803 947" rowspan="4"> <p>In a county where EAB has not been detected and greater than 15 mi. from a known EAB infestation</p> </td> <td data-bbox="803 621 917 747"> <p>Suspicious EAB symptoms</p> </td> <td data-bbox="917 621 1096 684"> <p>≥ 30% canopy thinning and/or dieback</p> </td> <td data-bbox="1096 621 1209 684"> <p>12.5 ml/in. dbh *</p> </td> </tr> <tr> <td data-bbox="803 747 917 831"></td> <td data-bbox="917 747 1096 831"> <p>< 30% canopy thinning and/or dieback</p> </td> <td data-bbox="1096 747 1209 831"> <p>12.5 ml/in. dbh</p> </td> </tr> <tr> <td data-bbox="803 831 917 947" rowspan="3"> <p>No EAB symptoms</p> </td> <td data-bbox="917 831 1096 894"> <p>> 16 in. dbh</p> </td> <td data-bbox="1096 831 1209 894"> <p>10 ml/in. dbh</p> </td> </tr> <tr> <td data-bbox="917 894 1096 947"> <p>8 - 16 in. dbh</p> </td> <td data-bbox="1096 894 1209 947"> <p>8 ml/in. dbh</p> </td> </tr> <tr> <td data-bbox="917 947 1096 947"> <p>< 8 in. dbh</p> </td> <td data-bbox="1096 947 1209 947"> <p>5 ml/in. dbh</p> </td> </tr> </table> <p>○ * Tree condition may compromise treatment effectiveness</p>	<p>Within a quarantined county, a state quarantine generally-infested area or less than 15 mi. from a known EAB infestation</p>	<p>EAB infested</p>	<p>≥ 30% canopy thinning and/or dieback</p>	<p>Treatment not recommended</p>		<p>< 30% canopy thinning and/or dieback</p>	<p>12.5 ml/in. dbh</p>		<p>Suspicious EAB symptoms or No EAB symptoms</p>	<p>≥ 30% canopy thinning and/or dieback</p>	<p>12.5 ml/in. dbh *</p>		<p>< 30% canopy thinning and/or dieback</p>	<p>12.5 ml/in. dbh</p>	<p>In a county where EAB has not been detected and greater than 15 mi. from a known EAB infestation</p>	<p>Suspicious EAB symptoms</p>	<p>≥ 30% canopy thinning and/or dieback</p>	<p>12.5 ml/in. dbh *</p>		<p>< 30% canopy thinning and/or dieback</p>	<p>12.5 ml/in. dbh</p>	<p>No EAB symptoms</p>	<p>> 16 in. dbh</p>	<p>10 ml/in. dbh</p>	<p>8 - 16 in. dbh</p>	<p>8 ml/in. dbh</p>	<p>< 8 in. dbh</p>	<p>5 ml/in. dbh</p>
<p>Within a quarantined county, a state quarantine generally-infested area or less than 15 mi. from a known EAB infestation</p>	<p>EAB infested</p>		<p>≥ 30% canopy thinning and/or dieback</p>	<p>Treatment not recommended</p>																									
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<p>< 8 in. dbh</p>		<p>5 ml/in. dbh</p>																											
<p>Gypsy Moth Tent Caterpillars Leaf miners Spruce Budworm Jack Pine Budworm Hemlock Woolly Adelgid Elm Leaf Beetle</p>	<p>8 ml per in. dbh</p>																												
<p>Sawflies</p>	<p>5 ml per in. dbh</p>																												

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

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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, 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 75 degrees Fahrenheit. On a hot day, temperatures exceeding 100 degrees Fahrenheit are common in vehicles, especially when windows are closed. Do not expose to high temperatures for more than short periods of time. These actions may result in some degradation of the product. Keep bottles of TreeAzin out of direct sunlight.

Pesticide Disposal: Wastes resulting from the use of this product 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. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill.

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. Tree 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.

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TreeAzin™ Systemic Insecticide (EPA Reg. No. 82996 – 1)
Sublabel B: Residential Use

TreeAzin™ Systemic Insecticide

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.



For Organic Gardening

[add OMRI logo]

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	
If in eyes:	<ul style="list-style-type: none"> • 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. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> • 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 by a poison control center or doctor. • Do not give anything to an unconscious person.
<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: 20 ml, 1 liter (1.06 quart), or 2 liter (2.12 quarts)

EPA Reg. No. 82996 – 1
EPA Est. XXXX-Y

[Batch Number]

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

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[Optional marketing claims, may be used on any panel]

- *Pictures illustrating how to determine a tree's circumference at breast height and performing the injection (i.e. drilling the hole at the proper angle, depth of drill hole and nozzle and canister placement in the tree etc.) may be added.*
- *Provides two (2) years protection against emerald ash borer.*
- *Injected directly into the tree for minimal personal, animal and environmental exposure..*
- *Rapid uptake and translocation of TreeAzin Systemic Insecticide after being injected into trees.*
- *Effective control of insect pests that consume tree leaves (e.g. gypsy moth, tent caterpillars, leaf miners), needles (budworms, sawflies), cambial tissue (e.g. Emerald ash borer) and sucking and piercing insects (e.g. Hemlock woolly adelgid).*
- *Trees saving trees*

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.

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 degrees Fahrenheit may cause bursting.

ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters.

DIRECTIONS FOR USE

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

IMPORTANT: Please read the entire label and instructions for the TreeAzin Tree Protection System carefully before performing tree injections. Failure to follow label directions and instructions may lead to unnecessary exposure to the applicator, bystanders and the environment.

TreeAzin Tree Protection System: Instructions for Use

TreeAzin is a systemic insecticide. Therefore, to ensure optimum efficacy, it is necessary to inject TreeAzin into the active sapwood.

- Use a tape measure to determine the tree's circumference to the nearest inch at breast height (4½ feet above ground).
- Refer to the Application Rates in Trees and Ornamentals chart for the appropriate dosage
- Each TreeAzin Tree Protection System canister holds 20 ml of TreeAzin. The correct number of canisters is based on the pest to be treated and the circumference of the tree at 4½ feet above ground.

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.

Application Rates in Trees and Ornamentals

Tree circumference in inches	Emerald Ash Borer Preventative Treatment	*Emerald Ash Borer Symptomatic or Attacked Tree Treatment	Gypsy moth, Tent caterpillars, Leaf miners, Hemlock woolly adelgid, Spruce Budworm, Jack Pine Budworm	Sawflies
Number of canisters (20ml/canister) to be used in Trees and Ornamentals				
9	2	2	2	2
13	2	3	2	2
16	2	3	2	2
19	2	4	2	2

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22	2	4	3	2
25	2	5	3	2
28	2	6	4	2
31	3	6	4	3
35	3	7	4	3
38	3	8	5	3
41	3	8	5	3
44	4	9	6	4
47	4	9	6	4
50	4	10	6	4
53	4	11	7	4
57	5	11	7	5
60	5	12	8	5
63	5	13	8	5
66	5	13	8	5
69	6	14	9	6
72	6	14	9	6
75	6	15	10	6
79	6	16	10	6
82	7	16	10	7
85	7	17	11	7
88	7	18	11	7
91	7	18	12	7
94	8	19	12	8
97	8	19	12	8
100	8	20	13	8
104	8	21	13	8
107	9	21	14	9
110	9	22	14	9
113	9	23	14	9
116	9	23	15	9
119	10	24	15	10
122	10	24	16	10
126	10	25	16	10
157	13	31	20	13
188	15	38	24	15

*Emerald Ash Borer - Signs and Symptoms of Symptomatic or Attacked trees – A sign is physical damage to a tree, such as a gallery, a “D” shaped hole, or a feeding notch in the leaf, resulting from attack. A symptom is a tree’s response to attack and includes premature yellowing of foliage, dead branches, thinning crowns, or bark cracks.

The effectiveness of TreeAzin in controlling Emerald ash borer may be reduced when an ash tree has greater than 30% dead braches or thinning crown.

The Injection Hole

- Using a power drill and a 3/16 in. drill bit, drill a hole at a 20 to 45 degree downward angle into the tree approximately 6-12 inches above ground. To facilitate the effective distribution of TreeAzin Systemic Insecticide into the vascular tissue of the tree, use a new, sharp drill bit.
- The hole should extend through the bark and be approximately ½ -1 inches deep into the sapwood of the tree.

The Injection

- Insert the narrow end of the TreeAzin Tree Protection System canister nozzle into the pre-drilled hole and gently tap into place using a rubber mallet. .
- Place the canister gently on the nozzle and screw the canister on the nozzle in a clockwise direction until the nozzle and canister are firmly mated.
- Gently tap the mated nozzle and canister into the drilled hole to ensure the canister is seated properly in the drilled hole.
- Grip the canister firmly and then turn the top cap clockwise ¼ turn.
- 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 canister and tap the canister further into the pre-drilled hole.
 - 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.**

Carefully read the TreeAzin Tree Protection System “*Use Directions*” for further information about the System.

STORAGE and DISPOSAL

Pesticide Storage:

Store in a cool dry place out of reach of children and pets and away from direct sunlight, windows, flames and other sources of heat or ignitions.

Pesticide Disposal, and Container Handling:

Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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. Tree 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.