

82996-1

5/6/2009

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

May 6, 2009

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Olav Messerschmidt
Registration Agent for
BioForest Technologies, Inc.
OMC Ag Consulting
828 Tanglewood Lane
East Lansing, Michigan 48823

RE: Product Name: Treeazin Systemic Insecticide
EPA Reg. No: 82996-1
Application for Label Notification Dated February 11, 2009 for Clarification of
Application Rates

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 preliminary screen of this request has been conducted for its applicability under PRN 98-10 and it has been determined that the action(s) requested falls within the scope of PRN 98-10. Our records have been duly noted, and the label submitted with this application has been stamped "Notification, received and reviewed" and will be placed accordingly in our records.

Questions concerning this action should be directed to Ms. Diana Hudson at (703) 308-8713 or email at HUDSON.DIANA@EPA.GOV.

Sincerely,

Linda Hollis

Linda Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution Prevention
Division (7511P)



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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) BioForest Technologies Inc./ 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 _____ | NOTIFICATION Date Reviewed: <u>5-6-09</u> Reviewed By: <u>D. Hudson</u> |
| <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: use specific rates rather than a rate range. The specific rates are within the registered range.

Also, removed a statement in the application directions that is no longer applicable.

Section - III

| | | | | | |
|---|--|---|--|---|--|
| 1. Material This Product Will Be Packaged In: | | | | 2. Type of Container | |
| Child-Resistant Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Water Soluble Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If "Yes" Unit Packaging wgt. No. per container | | <input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____ |
| * Certification must be submitted | | If "Yes" Package wgt. No. per container | | | |
| 3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container | | 4. Size(s) Retail Container 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) _____ |
| 2. Signature | | 6. Date Application Received (Stamped) |
| 3. Title Registration Agent | | |
| 4. Typed Name Olav Messerschmidt | | |
| 5. Date February 11, 2009 | | |

OMC Ag Consulting

February 11, 2009

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
401 M Street S.W.
Washington, D.C. 20460-0001

Subject: TreeAzin™ Systemic Insecticide
EPA Reg. No. 82996 – 1
Notification: clarification of application rates

Dear Ms. Hollis:

We request to make the following changes to the subject label by Notification under PR Notice 98-10:

1. Change the label language so that greater specificity on rates is given. The currently registered label gives a range on the treatment rates. In lieu of the rate ranges, a specific rate is given depending on the insect or situation. All rates are within the currently allowed rate ranges.
2. The following statement has been removed from the label. Bio-Forest will not stamp the Ecoject logo on the application canister. Thus, this statement if left on the label would only cause confusion:

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.

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

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.

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NOTIFICATION

TreeAzin™ Systemic Insecticide Date Reviewed: 5-6-09
For Professional Use Reviewed By: D. Hudson

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**

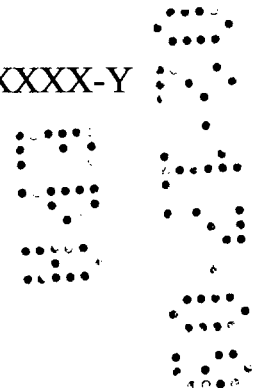
| FIRST AID | |
|--|---|
| If in Eyes: | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice. |
| 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. |
| <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 – 1

EPA Est. XXXX-Y

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



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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, 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® 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® 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 (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 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 | Preventative Treatment: 5 ml per inch dbh |
| | Symptomatic Tree Treatment: 5 ml per inch dbh for trees < 8 inches dbh, 8 ml per inch dbh for trees 8 inches dbh to 16 inches dbh and 10 ml per inch for trees > 16 inches dbh |
| | Attacked Tree Treatment: 12.5 ml per inch dbh |
| Gypsy Moth Tent Caterpillars Leaf miners Spruce Budworm Jack Pine Budworm | 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:** 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.