

59823-1

9/26/2012

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Dustin Darnall
Fiberweb Inc.
70 Old Hickory Blvd.
Old Hickory, TN 37138

SEP 26 2012

Subject: Label Amendment/Revised Basic Confidential Statement of Formula
Biobarrier Root Control System/Biobarrier Pot 'N Pot
EPA Reg. No. 59823-1
Application Dated: November 16, 2011

Dear Mr. Darnall,


The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

A stamped copy of your label is enclosed for your records. This label supersedes all previously accepted labels. You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after eighteen (18) months from the date of this letter or the next printing of the label, whichever occurs first, must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA §6(e). Your release for shipment of the product constitutes acceptance of these conditions.

In addition, the Agency has reviewed your submission for a revised Confidential Statement of Formula, and the following comment applies:

The Confidential Statement of Formula dated August 15, 2012 for the basic formulation agrees with the label claim in compliance with PR Notice 91-2 and is acceptable. It has been added to your file as part of the record.

If you have any questions, please contact Emily Hartman of my staff at (703) 347-0189 or hartman.emily@epa.gov.

Sincerely,

Kathryn Montague, Product Manager 23
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Master Label Includes:

Sublabel A: Biobarrier Root Control System

Sublabel B: Biobarrier Pot 'N Pot

Biobarrier

[Alternate Brand Names: Biobarrier Root Control System, and Biobarrier Pot 'N Pot]

EPA Reg. No.: 59823-1

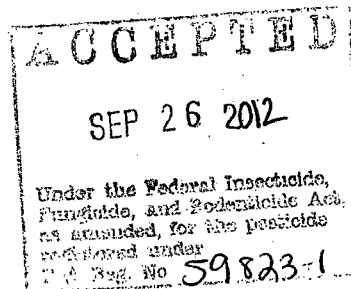
EPA Est No.: 59823-TN-1

Manufactured by:

Fiberweb

70 Old Hickory Blvd.

Old Hickory, TN 37138



SUB LABEL A: Biobarrier Root Control System

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this pesticide is registered for use as a root control system.

PESTICIDE STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in original container only. Store in a dry place out of direct sunlight.

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

Container Disposal: Completely empty container. Then dispose of wrap and/or box in a sanitary landfill or by incineration, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke. Non-refillable container. Do not reuse or refill this container.

Directions:

Biobarrier is a multi-year root control system which is strategically positioned in the soil to protect structures from plant root encroachment (see applications). Biobarrier controls roots by establishing an in-soil barrier plane of trifluralin, which prevents root tip cell division. Roots are either stopped or redirected away from structures. Trifluralin is not systemic but can limit root mass. The multi-year feature of Biobarrier is provided by a time-release mechanism which continues to meter trifluralin into the soil as the exposed trifluralin biologically and chemically degrades. Structure protection is provided by placing the Biobarrier fabric between the root source and the structure. Since the fabric is flexible and permeable, installation may be custom contoured to obtain the most desirable root system redirection for the application and/or to accommodate obstacles.

Installation Directions:

Biobarrier® is ready for in-soil installation as received. The fabric should be in soil as soon as practical after removal from the sealed shipping container, minimizing exposure to direct sunlight and elevated temperatures. Prolonged exposure can reduce the effective life of the product. Biobarrier® should not be installed in water. Store any unused portions of the product tightly resealed in the original container in a dry place.

Biobarrier can be installed in the soil vertically, horizontally, or as a surround. Vertical applications typically require standard ditch/trench digging equipment (follow all applicable codes when digging below surface). Vertical fabric position can be maintained by suspending it at the top with pegs. Horizontal applications may require seaming or hold down pegs. Surround applications may involve a variety of holding devices to assure fabric position. In all applications, nodules must be no further than one and one-half inches apart in order to assure a continuous root control plane. Fabric should extend a minimum of 18" beyond structure area to be protected as roots can grow around edges of fabric. For vertical applications, the top edge must be even with the soil surface. A minimum of 2" soil overlay should also be maintained for horizontal applications.

Biobarrier, used in retrofit applications where roots are already present, requires roots be interrupted with a root pruner or equivalent device and removed. Root control will not be effective if roots penetrate fabric at time of installation.

(SEE ADDITIONAL DIRECTIONS ENCLOSED)

Disclaimer of Warranties

To the extent consistent with applicable law, the Seller makes no warranties concerning this product or its use which extend beyond the standard specifications for the products. To the extent consistent with applicable law, the Seller makes no warranties of merchantability or fitness for a particular purpose, or any other express or implied warranty.

Buyer assumes all risk and liability resulting from use of the products delivered hereunder, whether used singularly or in combination with other products. All statements concerning this product apply only when used as directed.

Limitation of Damages

No claim of any kind, whether as to products delivered or for nondelivery of products, and whether or not based on negligence, shall be greater in amount than the purchase price of the products in respect to which damages are claimed. No charge or expense incident to any claims will be allowed unless approved by an authorized representative of Seller. Products shall not be returned to seller without Seller's prior permission, and then only in a manner prescribed by Seller. To the extent consistent with applicable law, the remedy hereby provided shall be the exclusive and sole remedy of Buyer, and in no event shall either party be liable for special, indirect or consequential damages, whether or not caused by or resulting from the negligence of such party.

**Precautionary Statements
Hazards to Humans and
Domestic Animals**

CAUTION

Harmful if swallowed. Harmful if inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, on skin or on clothing. Prolonged or frequently repeated skin contact with the active ingredient, Trifluralin, may cause allergic reaction in some individuals.

For additional information in case of emergency call toll free 1-800-424-9300.

First Aid

If swallowed:

- 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 do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.
- Call poison control center or doctor for treatment advice.

If on skin or clothing:

- 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 inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for treatment advice.

Have the product container label with you when calling a poison control center or doctor, or going for treatment.

Personal Protective Equipment (PPE)

Applicators and all other Handlers must wear:

- Long Sleeved shirt and long pants,
- Shoes and socks, and
- Chemical resistant gloves such as or made of any waterproof material.

User Safety Requirements:

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

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards:

This pesticide is extremely toxic to freshwater, marine, estuarine fish, and aquatic invertebrates including shrimp and oyster. 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 washwaters.

Physical Hazards:

Do not store near heat or open flame.

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. The Worker Protection Standard applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

**Biobarrier
Root Control System**

Biobarrier is a multi-year root control system consisting of time-release nodules impregnated with a herbicide. The nodules are attached permanently to a flexible and permeable geotextile fabric which can be contour applied to a wide variety of applications and which will inhibit plant root development in the applications set forth below.

Active Ingredient:

Nominal

Trifluralin (α,α,α-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine).....	17.5%
Inert Ingredients.....	82.5%
TOTAL.....	100.0%

**KEEP OUT OF REACH
OF CHILDREN**

CAUTION

**See side panel for additional
Precautionary Statements.**

Manufactured by:

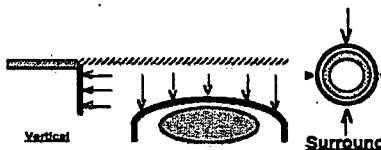
fiberweb

70 Old Hickory Blvd.
Old Hickory, TN 37138
1-800-257-6687

EPA Registration No. 59823-1
Establishment No. 59823-TN-1

Biobarrier Applications

- | | |
|-----------------------------|--------------------------------|
| Bicycle Paths | Roads |
| Building Foundations | Roof Gardens |
| Burial Vaults/Tombstones | Septic Tanks/Fields |
| Curbs | Sidewalks |
| Earthdams | Swimming Pools |
| Golf Greens/Tees/Cart paths | Tennis Courts |
| Landfills | Underground Pipes/
& Cables |
| Medians | Utility Substations |
| Planting Beds/Containers | Weed Control |
| Retaining Walls | |



Non-Food/Ornamentals

SEP 26 2017

SUB LABEL B: Biobarrier Pot 'N Pot

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended by the FIFRA Act

PESTICIDE STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in original container only. Store in a dry place out of direct sunlight.

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

Container Disposal: Completely empty container. Then dispose of wrap and/or box in a sanitary landfill or by incineration, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke. Nonrefillable container. Do not reuse or refill this container.

Precautionary Statements Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed. Harmful if inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, on skin or on clothing. Prolonged or frequently repeated skin contact with the active ingredient, Trifluralin, may cause allergic reaction in some individuals.

For additional information in case of emergency call toll free 1-800-424-9300.

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If swallowed:

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- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.
- Call poison control center or doctor for treatment advice.

If on skin or clothing:

- 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 inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
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Have the product container label with you when calling a poison control center or doctor, or going for treatment.

Personal Protective Equipment (PPE)

Applicators and all other Handlers must wear:

- Long Sleeved shirt and long pants,
- Shoes and socks, and
- Chemical resistant gloves such as or made of any waterproof material.

User Safety Requirements:

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

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards:

This pesticide is extremely toxic to freshwater, marine, estuarine fish, and aquatic invertebrates including shrimp and oyster. 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 washwaters.

Physical Hazards:

Do not store near heat or open flame.

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. The Worker Protection Standard applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Biobarrier Pot 'N Pot

Root Control System for Container Grown
Ornamentals

Biobarrier, is a multi-year root control system consisting of time-release nodules impregnated with a herbicide. The nodules are attached permanently to a flexible and permeable geotextile fabric.

Active Ingredient:

Nominal

Trifluralin (α, α, α-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine).....	17.5%
Inert Ingredients.....	82.5%
TOTAL.....	100.0%

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CAUTION

See side panel for additional
Precautionary Statements.

Manufactured by:

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70 Old Hickory Blvd.
Old Hickory, TN 37138
1-800-257-6687

EPA Registration No. 59823-1
Establishment No. 59823-TN-1

Directions:

Biobarrier® Pot 'N Pot is for use in the production of ornamental plants grown in pots in nurseries, greenhouses, and shadehouses. For the Pot 'N Pot system of production, install Biobarrier on the inside bottom of the larger pot and then insert the smaller pot containing the plants. Biobarrier prevents roots from growing through the pot drain holes. With the use of Biobarrier less labor is required for harvesting and less damage is caused to roots as plants are removed.

AGRICULTURAL USE REQUIREMENTS:

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: if the product is soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter treated area if there will be no contact with anything that has been treated. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as soil is:

- coveralls
- chemical resistant gloves
- shoes plus socks

Disclaimer of Warranties

To the extent consistent with applicable law, the Seller makes no warranties concerning this product or its use which extend beyond the standard specifications for the products. To the extent consistent with applicable law, the Seller makes no warranties of merchantability or fitness for a particular purpose, or any other express or implied warranty.

Buyer assumes all risk and liability resulting from use of the products delivered hereunder, whether used singularly or in combination with other products. All statements concerning this product apply only when used as directed.

Limitation of Damages

No claim of any kind, whether as to products delivered or for nondelivery of products, and whether or not based on negligence, shall be greater in amount than the purchase price of the products in respect to which damages are claimed. No charge or expense incident to any claims will be allowed unless approved by an authorized representative of Seller. Products shall not be returned to seller without Seller's prior permission, and then only in a manner prescribed by Seller. To the extent consistent with applicable law, the remedy hereby provided shall be the exclusive and sole remedy of Buyer, and in no event shall either party be liable for special, indirect or consequential damages, whether or not caused by or resulting from the negligence of such party.

