

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

**CAUTION**

May cause moderate eye irritation. Harmful if inhaled, or absorbed through the skin. Do not get in eyes, on skin or on clothing. The active ingredient, trifluralin, may cause skin sensitization reactions in certain individuals.

Use protective clothing such as long pants, long-sleeved shirt, and chemical resistant gloves when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**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.

**First Aid**

If swallowed:

- Call a poison control center or doctor immediately for treatment.
- 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 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 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.

**Environmental Hazards:**

This pesticide is extremely toxic to freshwater, marine, and 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.

**STORAGE AND DISPOSAL**

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

**Pesticide Disposal:** Do not contaminate water, food, or feed by storage or 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.

**General 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.

**Bio**barrier**  
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:

	<u>Nominal</u>
Trifluralin ( $\alpha, \alpha, \alpha$ -trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine).....	17.5%
Inert Ingredients:.....	82.5%
<b>TOTAL</b> .....	<b>100.0%</b>

**KEEP OUT OF REACH  
OF CHILDREN**

**CAUTION**

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

Mfg. By:



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Old Hickory, TN 37138  
1-800-257-6687

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

**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**

The Seller makes no warranties concerning this product or its use which extend beyond the standard specifications for the products. **The Seller makes no warranties of merchantability or fitness for a particular purpose, or any other express or implied warranty.**

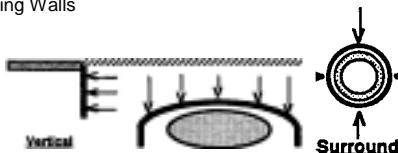
Buyer assumes all risk and liability resulting from use of the products delivered hereunder, whether used singularly or in combination with other products. All statements concerning this product apply only when used as directed.

**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. **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.**

**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/<br>& Cables |
| Medians                     | Utility Substations            |
| Planting Beds/Containers    |                                |
| Retaining Walls             |                                |



horizontal

Non-Food/Ornamentals