


ROEBIC

FOAMING ROOT KILLER

KILLS ROOTS IN SANITARY SEWERS
INHIBITS NEW ROOT GROWTH

Does Not
Contain
Copper



KEEP OUT OF REACH OF CHILDREN. CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

ACTIVE INGREDIENT:
Dichlobenil.....0.55%
OTHER INGREDIENTS.....99.45%
TOTAL.....100.00%

NET WEIGHT 4 LBS

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation. Avoid contact with eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

FIRST AID

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

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency assistance, please call toll free 1-800-858-7378.

ROEBIC FOAMING ROOT KILLER contains Dichlobenil which kills the roots and prevents new growth. ROEBIC FOAMING ROOT KILLER can be used in toilets with septic systems.

Dichlobenil is readily absorbed on organic and inorganic colloids of sludge and clay in pipe joints providing residual control of root regrowth by inhibiting the development of actively dividing meristem cells in root tips. New root growths formed outside the pipe joints are retarded or inhibited in growth when they come in contact with Dichlobenil inside the pipe. ROEBIC FOAMING ROOT KILLER self-foams on contact with water. The foam acts as a carrying agent, putting the active ingredient in contact with the tree roots above the flow.

Roebic Foaming Root Killer is in 2 parts inside each container. Part A and Part B which contains the active ingredient Dichlobenil must both be mixed together as instructed under directions for use.

PEEL HERE FOR DIRECTIONS

EPA Reg. No. 7792-7

EPA Est. No. 48520-CT-002

Roebic Laboratories
25 Connair Road, P.O. Box 927
Orange, CT 06477



Storm Line Application

Roebic Foaming Root Killer may also be applied in storm lines by the Direct Application Method described above.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a dry place. Do not store near food or feed.

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

Container Handling: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

NOTICE: EXCEPT AS SPECIFICALLY SET FORTH ON THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER SHALL NOT BE LIABLE FOR ANY LOSS, INJURY OR DAMAGES TO PERSONS OR PROPERTY RESULTING FROM ANY USE OF THIS PRODUCT NOT IN COMPLIANCE WITH THE DIRECTIONS ON THIS LABEL, NOR SHALL MANUFACTURER BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR PUNITIVE DAMAGES OF ANY KIND SUSTAINED BY THE PURCHASER OR USER OF THIS PRODUCT. THERE ARE NO IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR THE PARTICULAR PURPOSE.

MANUFACTURER'S OBLIGATION ON ANY CLAIM IS LIMITED TO THE REPLACEMENT OF ANY DEFECTIVE PACKAGE OF ROEBIC FOAMING ROOT KILLER. PURCHASERS AND/OR USERS OF THIS PRODUCT HEREBY WAIVE ANY STRICT LIABILITY OR PRODUCT LIABILITY CLAIMS THEY MAY HAVE OR WHICH MAY ARISE AGAINST THE MANUFACTURER AND/OR SELLER.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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HOT LINE NUMBER

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Environmental Hazards: For terrestrial uses, do not use near a well or where drinking water is stored. Do not apply directly to water or to areas where surface water is present or to inter tidal areas below the mean-high water mark. Do not contaminate water when disposing of equipment, wash water or rinsate. This chemical has properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow may result in groundwater contamination.

Roebic Laboratories
25 Connair Road, P.O. Box 927
Orange, CT 06477
Telephone: 203-795-1283

EPA Reg. No. 7792-7
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Visit www.roebic.com to register for free reminder email

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FOAMING ROOT KILLER

KILLS ROOTS IN SANITARY AND STORM SEWERS

**SELF FOAMS ON CONTACT WITH WATER
INHIBITS NEW ROOT GROWTH**

Does Not Contain Copper



**KEEP OUT OF REACH OF CHILDREN.
CAUTION**

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

ACTIVE INGREDIENT
Dichlobenil _____ 33%
OTHER INGREDIENTS _____ 67%
TOTAL _____ 100.00%

NET WEIGHT 40 LBS

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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Roebic Foaming Root Killer is in 2 parts inside each container. Part A and Part B which contains the active ingredient Dichlobenil must both be mixed together as instructed under directions for use.

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Personal Protective Equipment (PPE)

Applicators and other handlers, including mixers and loaders, must wear long-sleeved shirt, long pants, shoes plus socks, and chemical-resistant gloves. Mixers and loaders must also wear a chemical-resistant apron.

Follow manufacturer's instructions for cleaning/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

Users should:

- Remove clothing/PPE 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.

Physical and Chemical Hazards

Do not use with or store near oxidizing agents.

Environmental Hazards

For terrestrial uses, do not use near a well or where drinking water is stored. Do not apply directly to water or to areas where surface water is present or to inter tidal areas below the mean high water mark. Do not contaminate water when disposing of equipment, wash water or rinsate. This chemical has properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow may result in groundwater contamination.

Directions For Use

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read the following directions for use thoroughly before application.

When used in inhabited buildings (residences, offices, hospitals, etc.), windows must be open or an exhaust fan must be operating during application.

Do not use in potable water systems. Do not use in storm, field, or other drains unless effluent is treated in a sanitary sewer system.

NOT FOR USE IN SEPTIC SYSTEMS IN THE STATE OF FLORIDA

Directions for FDU 100 Method

1. Preparing for Application. After determining the correct Orifice size for the FDU take the FDU 100 along with the Roebic Foaming Root Killer to the upstream manhole, where the Roebic Foaming Root Killer application will begin. Place the cleaner hose with cleaner nozzle to the upstream manhole, as in normal operation, and send the hose with nozzle to the upstream manhole where the Roebic Foaming Root Killer application will begin. Once the cleaner hose has reached the upstream manhole, pull the hose out of the manhole and lay it on top of the ground.

You should now have your cleaner hose, Roebic Foaming Root Killer bags, FDU 100 with Foam Dispersal Nozzle, Plastic Locking Pin, Transfer Tube and Rubber O-Rings at the upstream manhole where the Roebic Foaming Root Killer application will begin.

Suggestions: To prevent having to enter a manhole to retrieve the cleaner hose, it is recommended that a Single Wire Hydraulic hose, 15-20 feet in length, 3/4" or 1" in diameter, be used as a leader hose which can then be attached to the cleaner hose. Attach the cleaner nozzle to the leader hose and send it to the upstream manhole, then use a long pole with a hook on the end to pull the leader hose out of the manhole. This makes retrieval of the cleaner hose much easier and does not require that someone enter the manhole to retrieve the hose.

Another suggestion is that the cleaner operator introduces slack in the cleaner hose, which will make it easier to retrieve at the upstream manhole.

2. Mixing the Roebic Foaming Root Killer. Open the Roebic Foaming Root Killer box which contains a 40lbs bag of Roebic Foaming Root Killer. The FDU 100 is designed to hold the 40lbs bag of Roebic Foaming Root Killer which is sufficient to treat up to 400 ft. of 6-18" pipe. Take the Roebic Foaming Root Killer bag and remove the plastic tie in the middle of the bag which separates the two dry components, marked as chemical A and the chemical B. Be careful not to puncture or tear the bags during this process. After you have removed the plastic tie, grab each end of the bag and begin to mix the chemicals by shaking the bag vigorously from the side to side. A proper mixture has been achieved when both chemicals A and B form a tan mixture of the chemicals. This process should take approximately two minutes.

Directions For Use (continued)

WARNING: A carbon dioxide (CO₂) buildup will occur during the mixing process. In the event that the bag should become so full of CO₂ gas that it may break, you should open a small hole in the end of the bag to release the gas, then continue the mixing process until you achieve a proper mixture.

3. Attaching the Transfer Tube. After a proper mixture has been achieved, open the end of the narrow part of the bag with either scissors or a knife. Open just the end where the bag has been sealed. Take the Transfer Tube which has a single groove at one end and two grooves at the other end, and insert it into the opening you have created, single groove end first. Then place the rubber O-rings over the bag and into the grooves which the bag material is covering, leaving one groove exposed and uncovered on the outside of the bag. The exposed groove will be used in locking the Transfer Tube into the FDU 100.

4. Putting Roebic Foaming Root Killer into the FDU 100. You should now have a bag with the Roebic Foaming Root Killer mixed to form a tan color and a Transfer Tube attached to the narrow end of the chemical bag. Take the Transfer Tube and slip it into the FDU 100 where the Foam Dispersal Nozzle fits. Take the plastic locking pin and insert it into the locking hole. Push the Plastic Locking Pin in as far as it will go. Lift the bag slowly, letting the Roebic Foaming Root Killer flow through the Transfer Tube into the FDU 100. Tap both the Roebic Foaming Root Killer bag and the FDU 100 occasionally to make sure you have proper flow and that the product is settling into the FDU 100. After completion of the transfer of Roebic Foaming Root Killer to the FDU 100, pull out the Plastic Locking Pin and remove the Transfer Tube from the FDU 100. Then insert the Foam Dispersal Nozzle into the FDU 100 and lock it into place with the Plastic locking pin. Remove the rubber O-rings from the Transfer Tube out of the narrow end of the bag. Be sure to save your Transfer Tube and rubber O-rings for future applications.

5. Application. The FDU 100 should now be filled with 40 pounds of Roebic Foaming Root Killer. Attach the cleaner hose to the Inlet End Cap of the FDU 100. Slowly reel in the cleaner hose while lowering the FDU 100 into the manhole. Suggestion: Attaching a string to the Foam Dispersal Nozzle end of the FDU 100 will enable the worker at the upstream manhole to lower the FDU 100 into the hole, while the cleaner operator is pulling the cleaner hose back slowly, without entry, while the operator is slowly retrieving the cleaner hose. The string should be attached in such a manner that it will not hang up in the pipe during the foam spray application. Once the FDU 100 is placed in the hole, the cleaner operator should be signaled to start the water, and only run the cleaner at an engine idle speed. The worker at the upstream manhole should verify that foam is emitting from the nozzle. Once the foam dispersal has been verified, the FDU 100 should be pulled through the pipe at a speed no greater than 20 feet per minute. The nozzle of the FDU 100 should always be out of the water during the application of Roebic Foaming Root Killer. This will insure that the product is properly dispersed onto the roots. In situations where a high flow is present, it is suggested that the flow be bypassed to keep the nozzle from being submerged or to place the FDU 100 on a skid which will lift the nozzle above the flow level. (The skid would be similar to what is used for a camera or cleaning nozzle).

6. Finished Application. The Roebic Foaming Root Killer application is finished when the FDU 100 reaches the downstream manhole. The cleaner is now turned off and the FDU 100 is retrieved from the downstream manhole. Smaller size pipe requires gently shaking and pulling by the operator at ground level, in order to retrieve the applicator. After the FDU 100 is removed, unhook the cleaner hose and detach the Foam Dispersal Nozzle. Then wash out any excess Roebic Foaming Root Killer with a hose, making sure that the wash water goes directly into the sewer through the open manhole. You are now ready for another application.

Direct Application Method

Roebic Foaming Root Killer is a very flexible product, not only can it be applied in conjunction with a Jetter Truck, but it can also be applied by pouring the Roebic Foaming Root Killer directly into the sewer or storm line.

1. A 40lbs Roebic Foaming Root Killer box contains one bag of 2 parts separated by a tie in the middle of pre-packaged chemical. Each 40lbs bag contains the two components which make up Roebic Foaming Root Killer. These two components are separated by a center tie.
2. Roebic Foaming Root Killer is a two component chemical. Both components should be mixed so that proper foaming action is created. This can be done by releasing the center tie which separates the two components and shaking the bag back and forth until the brown and white components are thoroughly mixed.
3. To effectively treat 300 ft. of 8-10 inch line, you must pour 40 pounds of the Roebic Foaming Root Killer directly into the manhole. Then follow with 25-30 gallons of water to create the foaming action. The foam will move down the line with the flow, leaving a residue throughout the pipe and coating the roots with the root killing chemical.

PEEL HERE FOR DIRECTIONS

Application Method for Root Control Along Sidewalks and Driveways:

Follow mixing directions immediately above. To inhibit the entry of roots beneath pavement structures and the resulting damage caused by root growth, cut a 3" or deeper edging along the structure and pour 2 oz. per foot of Roebic Foaming Root Killer into it in a thin strip. Then cover the edged area with soil. Immediately following application, thoroughly water-in Roebic Foaming Root Killer. Repeat annually to prevent root growth near the surface, along sidewalks and driveways. Do not enter or allow workers to enter the treated area until Roebic Foaming Root Killer is thoroughly watered-in and the treated soil has dried.

Application Method for Root Control in Between Tree Roots and Sewer Lines-Root Proofing:

Follow mixing directions immediately above. To prevent long term root growth from the tree into sewer lines, use a video camera to locate roots in the sewer line and mark the location above ground. Bore a series of small holes into the ground directly down to the exterior of the sewer line or outside the sewer joints using water or mechanical boring equipment. Add 4 oz. of Roebic Foaming Root Killer per hole and fill with soil. Install a 2" tube in the hole so that it can be retreated as needed to prevent root regrowth. Immediately following application, thoroughly water in Roebic Foaming Root Killer. Repeat annually to prevent root growth in between tree roots and sewer lines. Do not enter or allow workers to enter the treated area until Roebic Foaming Root Killer is thoroughly watered-in and the treated soil has dried.

Root Proofing dose per hole

4 oz per 4" line x 50-100'
8 oz per 8" line
12 oz per 12" x 300'
1 lb per 16" x 300'
1.25 lbs per 20" x 300'
1.5 lbs per 24" line
2 lbs per 36" line
Add 50% for 450' lines or longer

Storm Line Application

Roebic Foaming Root Killer may also be applied in storm lines by the Direct Application Method described above.

Roebic Foaming Root Killer may be applied in a storm line by utilizing the FDU 100 method described above. In pipes with sizes larger than 18" or in high flow situations the FDU 100 should be placed on a skid similar to what is used for a camera or cleaning nozzle. This will ensure that a sufficient amount of chemical is getting on the roots.

Utilize the following rates for pipe sizes larger than 10":

4-40 lbs Boxes per 12" x 300'
6-40 lbs Boxes per 16" x 300'
8-40 lbs Boxes per 20" x 300'
10-40 lbs Boxes per 24" x 300'
12-40 lbs Boxes per 36" x 300'
Add 50% for 450' lines or longer

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a dry place. Do not store near food or feed.

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

Container Handling: Completely empty bag into application equipment. Do not re-use or refill this container, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration.

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FIRST AID

- | | |
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