

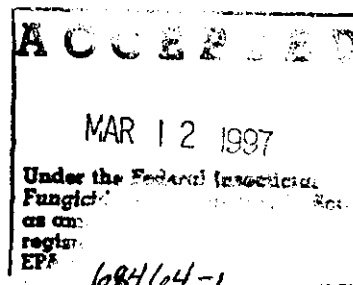


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Systems Integration Group, Inc.

PRINCIPAL PANEL

ROOTX*Kills Roots in Sanitary and Storm Sewers***Active Ingredient:**

Dichlobenil (2,6 dichlorobenzonitrile) 0.55%

Inert Ingredients: 99.45%

Total 100.00%

WARNING**Keep Out of Reach of Children****Statement of Practical Treatment:**

If in eyes: Call Physician. Hold eyelids open and flush with a gentle steady stream of water for 15 minutes. *If swallowed:* Call Physician or poison control center. Drink promptly a large quantity of milk, egg white or gelatin mixture, or if these are not available a large quantity of water. Avoid alcohol. Do not induce vomiting or give anything by mouth to an unconscious person. *If on skin:* Wash with plenty of soap and water. Get medical attention. *If inhaled:* Remove victim to fresh air. If not breathing, and only if an individual is properly trained and has personal protection equipment available, the individual should consider CPR, after first contacting emergency personnel. Get medical attention. *Note to Physician:* Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

See Side Panel For Additional Precautionary Statements

EPA Reg. #68464-1 EPA EST. #62820-NB-001

Mfg. for: General Chemical Co.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes substantial but temporary eye injury. Harmful if swallowed, absorbed through the skin or inhaled. Do not get in eyes, on skin or clothing. Wear goggles, face shield or safety glasses. Avoid breathing dust, vapor or spray mist. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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.

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.

Recommended Method for Sewer Lines that have Root Problems: Residential 4" sewerlines: Add entire contents of a 1 lb. bottle to toilet bowl. Flush immediately to avoid foam overflowing bowl. Restrict water usage from four to six hours. Do not apply through sink or tub.

DO NOT USE THESE METHODS IN CALIFORNIA

Along Sidewalks and Driveways: 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 ROOTX into it in a thin strip. Then cover the edged area with soil. Repeat annually to prevent root growth near the surface along sidewalks and driveways.

In Between Tree Roots and Sewer Lines: To prevent long term root growth from the tree to sewer lines, a series of small holes, 2 feet apart, may be bored into the ground near the offending tree or outside the sewer joints using water or mechanical boring equipment. Add 4 oz. of ROOTX per hole and fill with soil. Be sure that the holes location and depth is directly between the offending tree and sewer line. Repeat annually to prevent root growth in between tree roots and sewer lines.

Residential 4" sewer lines up to 50ft. utilize a 2lb. jar: Add entire contents of a 2lb jar into a pail or bucket and mix the two components that were in the jar thoroughly. Then either pour the RootX mixture into the toilet bowl slowly, or a sewer cleanout if available. When applying into the toilet make sure to flush immediately after emptying the contents into the bowl. This will help avoid the foam overflowing the bowl. Make

sure that when you are pouring the chemical into the application site you do not create a splash which could come in contact with and burn the user's eyes. Be sure and wear protective eyewear as required to avoid any splashed material from contacting and damaging the user's eyes. The user should also use rubber gloves at all times when handling the product, as it is harmful when absorbed through the skin. When applying into a sewer cleanout, flush the toilet one time or add 3-5 gallons of water behind it to push the foam completely through the sewer line. Restrict water usage from four to six hours after application.

Residential 4" sewer lines up to 100 ft. or 6" sewer lines up to 75 ft. utilize a 4lb. jar: Add entire contents of a 4lb. jar into a pail or bucket and mix the two components that were in the jar thoroughly. Then slowly pour the RootX mixture into the sewer cleanout. Make sure that when you are pouring the chemical into the application site you do not create a splash which could come into contact with and burn the user's eyes. Be sure and wear protective eyewear as required to avoid any splashed material from contacting and damaging the user's eyes. Add 3-5 gallons of water behind it to push the foam completely through the sewer line. It is not recommended that a 4lb. jar be applied through a toilet because of the probability of a foam overflow. To safeguard against possibility of eye damage, it is recommended that the user wear some type of eye protection. The user should also use rubber gloves at all times when handling the product, as it is harmful when absorbed through the skin. Restrict water usage from four to six hours after application.

Directions for FDU 100 Method

1. Preparing for Application After determining the correct Orifice size for the FDU 100, take the FDU 100 along with the ROOTX Chemical, to the upstream manhole, where the ROOTX application will begin. Place the cleaner hose with cleaner nozzle into downstream manhole, as in normal operation, and send the hose with nozzle to the upstream manhole where the ROOTX 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, ROOTX Chemical bags, FDU 100 with Foam Dispersal Nozzle, Plastic Locking Pin, Transfer Tube and Rubber O-Rings at the upstream manhole where the ROOTX 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, where the ROOTX application will begin. When the nozzle reaches the manhole, 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 ROOTX Chemical While wearing rubber gloves and a dust mask, open the ROOTX box which contains two 20# bags of ROOTX Chemical. The FDU 100 is designed to hold one 20# bag of ROOTX chemical, which is sufficient to treat up to 400ft. of 6-18" pipe. Take one ROOTX bag and remove the plastic tie in the middle of the bag which separates the two dry components, the white chemical A and the brown chemical B. Be careful not to puncture or tear the bag 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 white and brown chemicals. This process should take approximately two minutes.

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 ROOTX Chemical into the FDU 100 You should now have a bag with the ROOTX Chemical 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 chemical flow through the Transfer Tube into the FDU 100. Tap both the chemical bag and the FDU 100 occasionally to make sure you have proper flow and that the chemical is settling into the FDU 100. After completion of the transfer of ROOTX Chemical 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 and pull 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 20 pounds of ROOTX Chemical. 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 RootX. This will insure that the chemical 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 ROOTX 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 chemical 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

ROOTX 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 ROOTX directly into the sewer or storm line.

1. A 40# ROOTX chemical box contains two 20# bags of pre-packaged chemical. Each 20# bag contains the two components which make up ROOTX. These two components are separated by a center tie.
2. ROOTX 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 300ft. of 8-10 inch line, you must pour 40 pounds of the ROOTX chemical 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.

Storm Line Application

ROOTX may be applied in a storm line by utilizing the FDU 100 method described above. In pipe size 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 insure that a sufficient amount of chemical is getting on the roots.

RootX may also be applied in storm lines by the Direct Application Method described above. Utilize the following rates for pipe size larger than 10":

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

Exceptions - Two endangered species of aquatic plants, Krals water plantain (*Sagittaria secundifolia*) and Texas wildrice (*Zizania texana*) may be harmed by drainage of dichlobenil in storm sewers. Therefore, use and/or discharge of this product from storm sewers is prohibited in Cherokee and DeKulb Counties in Alabama, Chattooga County in Georgia, and Hay County in Texas.

This product should only be used pursuant to the directions on this label. Users of this product assume the risk of any other use of this product.

STORAGE AND DISPOSAL

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

Storage: Store in a dry place. Avoid storage near food or feed products. **Container**

Disposal: Empty containers can leave residue gases and mists and are subject to proper waste disposal. Completely empty jar by shaking and tapping the sides and bottom to loosen clinging particles. Empty residue into application site. Triple rinse. Dispose of container at local recycling depot (if allowable), sanitary landfill, or by incineration if allowed by state and local authorities. Stay away from smoke. **Bag Disposal:** Empty bags can leave residue gases and mists and are subject to proper waste disposal.

Completely empty bag by shaking and tapping the sides and bottom to loosen clinging particles. Empty residue into application device or application site. Dispose of bag at a sanitary landfill, or by incineration if allowed by state and local authorities. Stay away from smoke. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

ROOTX contains Dichlobenil which kills the roots and prevents new growth.

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 from outside the pipe joints are retarded or inhibited in growth when they come in contact with the Dichlobenil

inside the pipe. ROOTX 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.

NOTICE: THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR THE PARTICULAR PURPOSE, AND THERE ARE NO OTHER IMPLIED WARRANTIES, EXCEPT AS SPECIFICALLY SET FORTH ON THIS LABEL. MANUFACTURER'S OBLIGATION ON ANY CLAIM IS LIMITED TO REPLACEMENT OF ANY DEFECTIVE PACKAGE OF ROOTX. MANUFACTURER WILL NOT BE LIABLE FOR ANY LOSS, INJURY OR DAMAGES TO PERSONS OR PROPERTY RESULTING FROM FAILURE OR IMPROPER USE OF THE PRODUCT, NOR WILL THE MANUFACTURER BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND SUSTAINED BY THE PURCHASER OR USER OF THIS PRODUCT. PURCHASERS AND/OR USERS OF THIS PRODUCT HEREBY WAIVE ANY STRICT LIABILITY OR PRODUCT LIABILITY CLAIM THEY MIGHT HAVE AGAINST THE MANUFACTURER AND/OR SELLER. SELLER AND MANUFACTURER ARE NOT LIABLE FOR ANY USE OF THIS PRODUCT NOT IN COMPLIANCE WITH THE DIRECTIONS ON THIS LABEL.