PRECAUTIONARY STATEMENTS
Hazardous 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" sewer lines: Add entire contents of 1 lb. bottle to toilet bowl. Flush immediately to avoid foam overflowing bowl. Do not apply through sink or tub. ***Storm Sewers:*** Follow above instructions for residential sewer lines.
Exceptions - Two endangered species of aquatic plants, Krals water plantain *(Sagitarna secundifolia)* and Texas wildrice *(Zizaniz 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, Chattoga County in Georgia and Hay County in Texas.To safeguard against the 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. ***Residential: 4" sewer lines:*** Add entire contents of a 2# jar into a pail or bucket and mix the two components that were in the jar thoroughly. Then either dump 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. 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. To safeguard against the 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. 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.

Residential 6" sewer lines: Add entire contents of a 4# 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 in contact with and burn the user's eyes. Flush the toilet one time or add 3-5 gallons of water behind it to push the foam completely through the sewer line. It is not recommended that a 4# jar be applied through a toilet because of the probability of a foam overflow. To safeguard against the 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 (CO_2) buildup will occur during the mixing process. In the event that the bag should become so full of CO_2 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.

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-NB001

Mfg. for: General Chemical Co.
PO Box 7626•Salem, Oregon 97303
1.800.844.4974

Remove the rubber O-Rings
pull the Transfer Tube out of
Be sure to save your Transfer
for future applications.

5. Application
The FDU 100 should now be
ROOTX Chemical. Attach th
End Cap of the FDU 100. Sli
hose while lowering the FDU
Suggestion: Attaching a strin
Nozzle end of the FDU 100
the upstream manhole to low
hole, while the cleaner oper
hose back slowly, without en
slowly retrieving the cleaner
attached in such a manner t
the pipe during the foam spr

Once the FDU 100 is placed
operator should be signaled
run the Cleaner at an engine
the upstream manhole shoul
ting from the nozzle. Once
verified, the FDU 100 shoul
at a speed no greater than 2

6. Finished Application
The ROOTX application is fi
reaches the downstream ma
turned off and the FDU 100
stream manhole. Smaller siz
ing and pulling by the oper
to retrieve the applicator. Al
unhook the cleaner hose an
Nozzle. Then wash out any
hose, making sure that the v
the sewer through the open
for another application.

Direct Application

ROOTX is a very flexible pr
applied in conjunction with
also be applied by pouring
sewer or storm line.

1. A 4# ROOTX chemical
of pre-packaged chemical. I
two components which mak
components are separated b

2. ROOTX is a two compon
nents should be mixed so th
created. This can be done b
which separates the two co
bag back and forth until the
nents are thoroughly mixed

3. To effectively treat 300ft
pour 40 pounds of the ROO
the manhole. Then follow w
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and coating the roots with

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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.

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 letter 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.

Do not use in septic tanks.
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.

DO NOT USE THESE METHODS IN CALIFOR
Along Sidewalks and Driveways: To inhibit the beneath pavement structures and the resulting da by root growth, cut a 3" or deeper edging along and pour 2 oz. per foot of ROOTX into it in a thi cover the edged area with soil. Repeat annually growth near the surface along sidewalks and driv

In Between Tree Roots and Sewer Lines: To prev root growth from the tree to sewer lines, a series 2 feet apart, may be bored into the ground near tree or outside the sewer joints using water or me ing equipment. Add 4 oz. of ROOTX per hole an Be sure that the holes location and depth is direc the offending tree and sewer line. Repeat annuall root growth in between tree roots and sewer lines

STORAGE AND DISPO

Do not contaminate water, food or feed by storag

Storage: Store in a dry place. Avoid storage near products. ***Container Disposal:*** Empty containers residue gases and mists and are subject to proper al. Completely empty jar by shaking and tapping bottom to loosen clinging particles. Empty residu tion site. Triple rinse. Dispose of container at loca depot (if allowable), sanitary landfill, or by incine allowed by state and local authorities. Stay away ***Bag Disposal:*** Empty bags can leave residue gase and are subject to proper waste disposal. Comple bag by shaking and tapping the sides and bottom clinging particles. Empty residue into application application site. Dispose of bag at a sanitary land incineration if allowed by state and local authorit from smoke. ***Pesticide Disposal:*** Wastes resulting of this product may be disposed of on site or at a waste disposal facility.

ROOTX contains Dichlobenil which kills the roots new growth. Dichlobenil is readily absorbed on organic colloids of sludge and clay in pipe joints residual control of root regrowth by inhibiting the of actively dividing meristem cells in root tips. N grow into from outside the pipe joints are retarded growth when they come in contact with the Dich the pipe. ROOTX self foams on contact with wate acts as a carrying agent, putting the active ingredi with the tree roots above the flow.

THERE ARE NO IMPLIED WARRANTIES OF MER TY OR OF FITNESS FOR THE PARTICULAR PUR THERE ARE NO OTHER IMPLIED WARRANTIES SPECIFICALLY SET FORTH ON THIS LABEL. MA ER'S OBLIGATION ON ANY CLAIMS LIMITED MENT OF ANY DEFECTIVE PACKAGE OF ROOT FACTURER WILL NOT BE LIABLE FOR ANY LOS DAMAGES TO PERSONS OR PROPERTY RESULT FAILURE OR IMPROPER USE OF THE PRODUCT THE MANUFACTURER BE LIABLE FOR ANY DIR RECT, SPECIAL OR CONSEQUENTIAL DAMAGE KINDS SUSTAINED BY THE PURCHASER OR USE PRODUCT. PURCHASERS AND OR USERS OF T LECT HEREBY WAIVE ANY STRICT LIABILITY OR LIABILITY CLAIM THEY MIGHT HAVE AGAINST FACTURER AND/OR SELLER. SELLER AND MAN ARE NOT LIABLE FOR ANY USE OF THIS PRO COMPLIANCE WITH THE DIRECTIONS FOR

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Under the Federal Fungicide, and Rod as amended, for the registered under EPA Reg. No. 68