

# ROOT OUT

## CONTROLS ROOTS IN SEWER LINES

### ACTIVE INGREDIENT:

Dichlobenil, (2,6-dichlorobenzonitrile) . . . . . 2.1%

INERT INGREDIENTS: . . . . . 97.9%

### WARNING:

KEEP OUT OF REACH OF CHILDREN  
Harmful if inhaled or swallowed. Irritates  
eyes, nose, throat and skin.

(See side panel for additional warnings.)

EPA REG. NO. 1769-255-AA

### CONTENTS:

NATIONAL CHEMSEARCH 2727 CHEMSEARCH BLVD., IRVING, TEXAS 75067  
New Plant Starts In: Monmouth Junction, NJ Western Plant 917 After 8:30 Call  
NATIONAL CHEMSEARCH Div. of US Chem. Inc. Copyright 1975, National Chemsearch Corp.  
TEXAS - WEST LOUISIANA - HACKENSACK - BEVERLY HILLS - INDIANAPOLIS - CHARLOTTE, N.C.

**General Information:** National Chemsearch ROOT OUT contains dichlobenil, which kills the roots and prevents new root growth. Dichlobenil is readily absorbed on organic and inorganic colloids of sludge and clay in the tile joint providing residual control of root regrowth by inhibiting the development of actively dividing meristem cells in root tips. New root regrowth from outside the pipe joints or where cracks and leaks occur are retarded or inhibited in growth when they come in contact with the dichlobenil inside the pipe.

**Directions for Applying National Chemsearch ROOT OUT by Soaking the Sewer Lines:** Find the lines that have root problems. Start treatment with the first manhole at the upstream section end of the line. Sections below can be treated with the same solution after soaking the first section by passing the solution down stream.

The sewer line should be plugged at the down stream end of the section to be soaked.

Determine the volume of water the sewer line will hold by using the table below. For example: A 6" sewer line 200 feet long will require 300 gallons of water; therefore, add 1½ gallons of National Chemsearch ROOT OUT.

The one gallon of ROOT OUT should be premixed thoroughly with water applied uniformly as each 200 gallons of water is being poured down the sewer line.

**Not Intended For Household Use Or Resale**

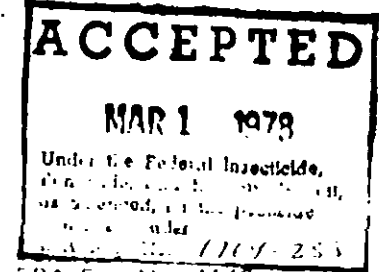
10 inches	4.1 gallons
12 inches	5.9 gallons

After the solution has been allowed to soak the roots for at least 30 minutes and preferably an hour, the next manhole section downstream should be plugged. The upstream plug should be removed allowing the ROOT OUT solution to fill the second section. The reused solution should remain in the line 30 minutes to an hour. This procedure with 300 gallons of solution can be repeated for 750 to 1000 feet.

**WARNING:** Avoid breathing vapor or spray mist. Do not get in eyes, on skin or clothing. In case of contact, immediately remove contaminated clothing and shower — flush with plenty of water. For eyes, flush with water for at least 15 minutes and get medical attention.

Do not allow solution to come in contact with lawns and plants. Keep children and pets out of area being treated. Do not store near feed or foodstuffs.

**NOTE:** Do not reuse empty container. Destroy and bury or return to a drum container.



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