

FOAM-COAT VAPOROOTER

**A FOAMING FUMIGANT
KILLS SEWER LINES OF ROOTS
WILL NOT HARM TREES, NON-SYSTEMIC**

SPEC.

A formulation of metam-sodium plus dichlobenil

ACTIVE INGREDIENTS:

Sodium Methylthiocarbamate (anhydrous)	28.40
Dichlobenil (2,6 - Dichlorobenzonitrile)	1.73

INERT INGREDIENTS:

<u>69.87</u>
100.00%

ACCEPTED

NOV - 4 1987

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 9993-2

Irrigation Engineering Co. Inc.

P.O. BOX H • CARMEL VALLEY • CALIFORNIA 93924 • 408/659-4312

DANGER:

**KEEP OUT OF THE REACH OF CHILDREN
CAUSES SKIN IRRITATION, SEE OTHER LABEL
PRECAUTIONS**

**5 GALLONS
18.9 LITERS NET**
9.78 LBS WEIGHT PER GALLON

EPA REG. NO. 9993-2
EPA EST. NO. 476-AF
PAT. NO. 3,741,807

RECOMMENDED FOR USE BY TRAINED PERSONNEL

BEST BUY

GENERAL DIRECTIONS FOR USE OF FOAM-COAT VAPOROOTER®

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

For additional information on special applications, contact sales representative or manufacturer. All application procedures must be in accordance with established methods and systems as developed by Air-irrigation Engineering Co., Inc.

1. DETERMINE WHICH OF THE COLLECTION LINES HAVE KNOWN ROOT PROBLEMS. Start with the first manhole section at the upstream end of the line.

Caution must be used by operator. Consideration of slope, flow, lateral connections, line obstructions, terrain and other field conditions is necessary for safe operations.

Caution must be used to assure solution does not travel into adjacent structures. If the label and user manual instructions are not followed carefully, Airirrigation Engineering Co., Inc. will not be held responsible.

2. DETERMINE QUANTITY OF SOLUTION NEEDED.

From this table, compute the quantity of solution necessary to treat a length of sewer, by multiplying the pipe length by the solution required per foot.

$$(\text{Pipe lengths}) \times (\text{Solution per foot}) = (\text{Quantity of solution required}).$$

SEWER PIPE CAPACITY	
Pipe Diameter	Gallons of Solution per 1-foot lengths
4 inches	0.7
6 inches	1.5
8 inches	2.5
9 inches	3.3
10 inches	4.0
12 inches	6.0

Example: An 8" pipe requires 2.5 gallons of solution per foot to fill the pipe. Therefore, 1000 gallons of solution will fill an 8" pipe 400 feet in length. To compensate for solution which enters laterals or exfiltrates from the pipe, a protection factor of 10% to 25% should be added to calculations.

SPECIAL NOTICE

Airirrigation Engineering Company, Inc. makes no warranty, expressed or implied, including the warranties of merchantability and fitness for any particular purpose, concerning this material, except those which are contained on this label.

APPLICATION INSTRUCTIONS

1. Method I

Premix method - Preferred

Obtain holding tank of 1000 gallon capacity or more. Fill tank with water, observing all water department regulations on backflow devices and other safety requirements. Add Foam-Coat Vaporooter® mixture to tank of water, using chemical resistant transfer pump, if available; stirring constantly to assure homogenous mixture. Rinse pump thoroughly with clear water.

- a). Fill the line with the pre-mixed chemical by pumping or using gravity flow from the holding tank.
- b). Fill the line until the solution level reaches approximately one foot above the top of the pipe being treated. This will establish a hydrostatic head of pressure and evacuate all air pockets.
- c). Retain solution in line for a minimum of one hour for best results. Should a situation occur that requires the chemical to be released before the full hour, generally satisfactory results can be achieved within 30-40 minutes exposure time.

2. Method II

On-site mixing method - to be used only if premix method is impractical.

- a). Provide water source at upstream manhole. Use water tank wagon, hydraulic cleaner, or fire hydrant with backwater valve, as a source of water.
- b). Calculate amount of chemical needed for capacity of pipe. Provide chemical at upstream manhole.
- c). Determine approximate rate of water flow from source to be used.
- d). Calculate the rate of chemical flow to produce a 1% solution: gallon of chemical to 100 gallons of water.
- e). Start the water flow.
- f). Pour in the appropriate amounts of chemical to assure a consistent 1% solution throughout the pipe.

3. SPECIAL APPLICATION PROCEDURE:

When impractical to treat lines in the recommended manner, another Vaporooter® product may be applied by spraying by means of specialized methods. Foam-Coat Vaporooter® is not suitable for this purpose. Before treating, contact manufacturer for complete information.

ROTH ROTER®



PRECAUTIONS

STOP!

PUT ON ALL REQUIRED SAFETY PROTECTION EQUIPMENT. Gloves should be chemical resistant and of gauntlet type.

DO NOT USE IN CONFINED AREAS WITHOUT ADEQUATE VENTILATION.

Avoid any entry into manholes or confined areas. When absolutely necessary to enter these areas, be sure to use all safety protection equipment as required by law.

- May be harmful if swallowed or inhaled.
- Irritating to eyes, nose and throat.
- Avoid breathing vapor or mist.
- Keep children and pets out of area being treated.
- Wash and dry clothing and shoes after use.
- Do not get in eyes, on skin, or on clothing:

If in eyes: Flush eyes with water for 15 minutes. Get medical attention if eye irritation persists.

In case of contact with skin or clothing, remove contaminated clothing or shoes and flush with plenty of water for 15 minutes.

- Do not use or store near heat or open flames.

USE SOLUTION PROMPTLY AFTER MIXING. Wash and flush equipment with water after each day's use.

THIS PRODUCT IS TOXIC TO FISH AND OTHER AQUATIC LIFE. KEEP OFF DESIRABLE LAWNS AND PLANTS. If excessive spillage occurs on the street or other paved areas near growing plants, immediately flush the spill thoroughly with water at moderate pressure.

NT
ROOTS
-SYSTEMIC

dichlobenil

(ous)	28.40
	1.73
	<u>69.87</u>
	100.00%

SPECIMEN

BEST AVAILABLE COPY

93924 • 408/659-4312

CHILDREN
READ OTHER LABEL