

## Root Destroyer



Specifications

**R-D**  
Root Destroyer

### DESCRIPTION

Concentrated chemical product specifically formulated for the elimination and prevention of root growth in sewer-type lines.

Large "root grade" crystals are blended with an active wetting agent enabling **R-D** crystals to adhere to the root mass longer, dissolve slower and effectively kill and eliminate root blockages.

**R-D** helps eliminate overflow damage, sewage flow restriction and back-up odors due to root penetration. Helps prevent sump and ejector pump root damage and motor overload from pumping into restricted line.

Safe to use in lines leading to septic tanks, cesspools and dry wells when used as instructed. Will not destroy trees, shrubs, or other vegetation.

Hercules Chemical Company, Inc. guarantees **R-D** to clear and prevent root blockages when used as directed. Guarantee terms are stated on package insert.

Not for sale in Connecticut or the San Francisco Bay area of California.

### SIZES AND PACKING

STOCK NO.	SIZE	PACKING	WEIGHT/CASE
20-602	2 lb.	6	14.3 lbs.
20-610	50 lb.	1	53.6 lbs.

# R-D Root Destroyer

SPEC SHEET #S00019



## APPROVALS AND LISTINGS

E.P.A. Registration No. 7687-1 E.P.A. Est. No. 7687NJ01

## SPECIFIC USES

Used to open, clear, and prevent root-clogged drains and sewer lines.

## SPECIFIC APPLICATIONS\*

Used to open root clogged lines, eliminate overflow damage and back-up odors due to root blockage.

## PHYSICAL PROPERTIES

Specific Gravity: 2.284  
Solubility in water: Dissolves in water (24.2 grams /100 grams water at 30°C)  
Appearance/color/odor: Blue granular crystals. No odor.

## WARNINGS OR CAUTIONS

- Read all cautions and directions carefully before using this product including enclosed insert. It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- Corrosive to eyes. Can cause substantial, but temporary, eye injury.
- **Keep out of reach of children.**
- Avoid contact with skin, eyes, or clothing.
- Causes severe eye and skin irritation. May cause sensitizing reaction in certain individuals.
- Harmful if swallowed, inhaled, or absorbed through the skin.
- Store in original container and keep in locked storage area. DO NOT reuse the plastic bag or empty container. Rinse plastic bag thoroughly before discarding in trash.
- DO NOT contaminate water, food or feed by storage or disposal.
- DO NOT use **R-D** to relieve stoppages caused by grease, faulty pipe, damaged joints, or other mechanical causes.
- This product is toxic to fish and aquatic organisms. DO NOT apply directly to water except as specified on labeling.

## DIRECTIONS FOR USE

### To clear partial stoppage:

Use two to four pounds in a single application. Pour **R-D** into toilet bowl nearest sewer line (1/2 lb.) at a time and flush for each 1/2 lb. to be sure all crystals will be carried to the sewer line - OR - remove clean out plug and pour entire package directly into sewer line. Flush into sewer with water. NEVER POUR **R-D** INTO SINK OR TUB DRAINS.

### To clear complete stoppage:

Some flow must be restored using a snake or sewer rod to enable dissolved **R-D** to travel to the root clogged portion of the sewer. Use four to six pounds at one time, or four

pounds for two consecutive weeks. In most cases, several days must be allowed for the infiltrating roots to die, decay, and wash away after absorbing dissolved **R-D**. Patience will be rewarded by the results of this proven method of root control.

### To prevent root stoppages

#### House and building sewer connections:

Use two pounds of **R-D** twice each year. Use same method as described above for partial stoppages. To avoid wasting **R-D** by flushing it through a largely unobstructed sewer, apply it in the evening before retiring or during other low flow periods for best results. Even small hair roots will absorb the chemical, preventing later blockage problems.

#### Sewer mains:

Sprinkle two pounds once a year into each junction and terminal manhole. Be careful not to obstruct free flow of sewage.

#### Storm drains:

Do not apply **R-D** during periods of heavy storm flow. When dry, introduce controlled flow with a hose. Use same dose as in sewer mains above. Serious conditions may require larger, more frequent dosage.

#### Clean-up:

Wash with soap and water after handling. Launder clothing after contact with **R-D** before wearing again.

## MATERIAL SAFETY INFORMATION

FOR MORE INFORMATION ON THIS PRODUCT, REQUEST MATERIAL SAFETY DATA SHEET (MSDS) #19

For Delivery by Fax	Call 1-800-942-4636
Internet	See MSDS section of <a href="http://www.herchem.com">www.herchem.com</a>
Mail	Contact Hercules at address below or any Hercules representative

HMS Hazard Warning 2-0-0-E.

### INGREDIENTS

### CAS#

Active Ingredients:		
Copper Sulfate Pentahydrate	7758-99-8	96.9%
Inert ingredients:		3.1%
Copper as metallic		24.6%

\* For special applications which may not be covered on this or other Hercules literature, please contact Hercules Technical Services Department by phone at 1-800-221-9330 or send a fax to 1-800-333-3456.



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