

7687-1

09-26-2011

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Chemical Safety and Pollution Prevention
Office of Pesticide Programs
Registration Division (7504P)
1200 Pennsylvania Ave., N.W.
Washington, DC 20460

EPA Reg. Number:

7687-1

Date of Issuance:

SEP 26 2011

Term of Issuance:

Unconditional

Name of Pesticide Product:

**BREAKTHRU R-D
Root Destroyer**

NOTICE OF PESTICIDE:

- Registration
- Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

**Hercules Chemical Company, Inc.
111 South Street
Passaic, NJ 07055**

Mailed to:

**Erastus R. Muchioki
Compliance Manager**

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

EPA received a label amendment request submitted by email on September 16, 2011. EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision for copper sulfate pentahydrate have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

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Signature of Approving Official:

**Tony Kish, Product Manager (22)
Fungicide Branch/Registration Division/OPP/OCSPP (7504P)**

Date:

SEP 26 2011

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Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

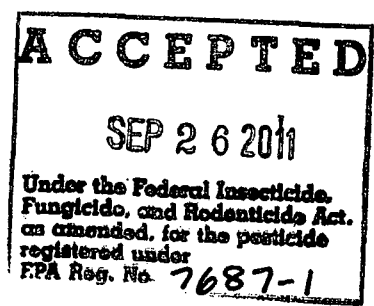
The basic Confidential Statement of Formula (CSF) dated 8/10/2009 submitted in connection with reregistration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable. This CSF supersedes all CSFs previously accepted for this product.

If you have any questions or comments regarding this letter, please contact Robert Westin at (703) 305-5721 or via e-mail at westin.robert@epa.gov.

Enclosure:

Label stamped "Accepted"
PRB Label Review dated 12/16/2010
Acute Toxicity Review DP384642 dated 12/9/2010
Product Chemistry Review DP384639 dated 12/8/2010

August 31, 2011



DRAFT LABEL.

FRONT Primary Panel.

20602
 BREAKTHRU
 R-D Root Destroyer

Active Ingredient: Copper Sulfate Pentahydrate (CAS No. 7758-99-8).....	99.0%
Other Ingredients.....	1.0%
Total.....	100.0%

(Copper as metallic 25.2%)

DANGER/PELIGRO

KEEP OUT REACH OF CHILDREN: Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find someone to explain it to in detail.) **READ ENTIRE LABEL BEFORE USING. SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT.**

Net Wt. 2 lbs, (907 g)

SIDE PANELS.

Guarantee.

Hercules Chemical Co., Inc. guarantees the purchaser that R-D will perform as stated when used according to directions, or purchase price will be refunded by Hercules upon presentation of guarantee coupon inside each container along with sales slip. No photocopies, please.

HERCULES BREAKTHRU R-D Root Destroyer

Read entire label before using.

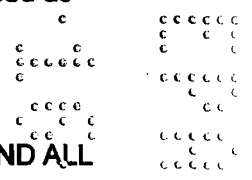
E.P.A. Registration No. 7687-1 E.P.A. Est. No. 7687NJ01

TO OPEN: PRY OFF CAP WITH TOOL OR COIN.

Hercules Breakthru R-D Root Destroyer is a concentrated chemical compound formulated for root control in sewer lines. When used as prescribed in DIRECTIONS, its slow dissolving crystal release a chemical treatment which is absorbed by infiltrating roots. This kills the roots which decompose and wash away without injury to the main tree or shrub. The portion of the roots destroyed will not re-enter the sewer or the drain. Hercules Breakthru R-D Root Destroyer can also be used in lines leading to cesspools and septic tanks when used as directed.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. BEFORE USING, READ DIRECTIONS AND ALL PRECAUTIONARY STATEMENTS ON PACKAGE LABEL. DO NOT APPLY THIS PRODUCT IN A WAY THAT WILL CONTACT ADULTS, CHILDREN, OR PETS, EITHER DIRECTLY OR THROUGH DRIFT. DO NOT ALLOW ADULTS, CHILDREN, OR PETS TO ENTER THE TREATED AREA UNTIL DUSTS HAVE SETTLED.



To clear partial stoppages: Use 2 pounds (0.5 lbs metallic copper) in a single application. Pour R-D into toilet bowl nearest sewer line ½ lb. at a time and flush each time to be sure all crystals are carried to 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. The maximum application rate is 0.5 lbs metallic copper per application. The minimum retreatment interval is 6 months.

To clear complete stoppages: 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. In most cases, several days must be allowed for the infiltration roots to absorb the dissolved chemical, die, decay, and wash away.

To prevent root stoppages in house and building sewer connections: Use 2 pounds (0.5 lb metallic copper) of R-D twice each year. Use same method as for partial stoppages. To avoid wasting R-D by flushing through a largely unobstructed sewer line, apply it in the evening before retiring or during other low flow periods for best results. In sewer mains: Sprinkle two pounds once a year into each junction and terminal manhole. Be careful not to obstruct free flow of sewage.

In storms 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.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER/PELIGRO: Corrosive. Causes irreversible eye damage. May be fatal if swallowed. Do not get in eyes or on clothing. Wear goggles or face shield. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

FIRST AID:

IF IN EYES: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first five minutes, and then continue rinsing. Call poison control center or doctor for treatment advice.

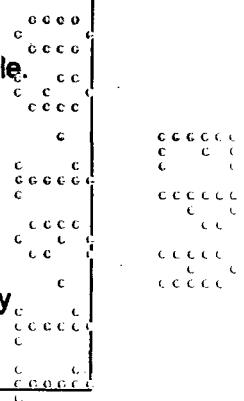
IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless directed to do so by a poison control center or doctor. Do not give anything by mouth to unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or a doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or ambulance, and then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center, doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and conversions may be needed. You may also contact **1-800-221-9330** for emergency medical treatment information.



ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water except as specified on the labeling.

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal.
PESTICIDE STORAGE: Store in original container and keep in a locked storage area.
PESTICIDE DISPOSAL: Non refillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying.
If partly filled: Call your local solid-waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain except as specified by the label.

This product may not be sold or used in Connecticut or San Francisco Bay Area. Use Hercules Root Force instead.

Manufactured by: Hercules Chemical Co., Passaic, NJ 07055. 1-800-221-9330

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