

PM 22

34797-39

10/5

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 3 1991

George E. Pipkin
Qualis, Inc.
4600 Park Avenue
Des Moines, Iowa 50321

Dear Mr. Pipkin:

Subject: Amendment -Split Label
Dionne Copper Sulfate Root Killer
EPA Reg No 34797-39
Your Submission Dated May 1, 1991

The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that the following changes are made:

Add Company Name and Address.

Page 1: Change root growths to "growth."

Change active ingredients to "ingredient".

Place an asterisk after (Pentahydrate).

Change (copper expressed as metallic 25.2%) to
"*Metallic copper equivalent 25.2%"

Page 2: Change gastic to "gastric".

For this split label, we suggest you substitute the following Environmental Hazards language:

This pesticide is toxic to fish and aquatic organisms.
Do not apply to water except as specified on labeling.

Page 3: For this split label, delete the note at bottom of page regarding treated water used as potable water.

CONCURRENCES

SYMBOL	H7505 C							
SURNAME	D. Wilkins							
DATE	10-2-91							

- 2 -

A stamped copy of the labeling is enclosed for your records. Please submit five (5) copies of final printed labeling incorporating the changes discussed on the previous page.

Sincerely,

CL Giles-Parker

Cynthia L. Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

385

PROPOSEL LABEL COPY

Product Name: Dionne Copper Sulfate
Root Killer

Formulation/
Product Number:

Authored by:

Reviewed by:

Label Dimensions

Height:
Width:

Paper Type:

Paper Weight:

(FRONT PANEL)

DIONNE COPPER SULFATE ROOT KILLER

Controls Root Growths in Sewer Pipes

Active Ingredients:
Copper Sulfate (Pentahydrate)...99%
Inert Ingredient.....1%
(copper expressed as metallic 25.2%)
(See side panels for use and directions and additional precautionary statements)

KEEP OUT OF REACH
OF CHILDREN

DANGER

Net Wt. 2 lbs.
EPA Reg. No. 34797-39
EPA Est. No. 34797-IA-02

RECEIVED
EPA REGISTRATION DIVISION
WASHINGTON, D.C. 20460

SEP 3 1991

34797-39

4-85

PROPOSEL LABEL COPY

Product Name: Dionne Copper Sulfate
Root Killer

Label Dimensions

Formulation/
Product Number:

Height:
Width:

Authored by:

Paper Type:

Reviewed by:

Paper Weight:

(LEFT PANEL)

**Precautionary Statements
Hazards to Humans & Domestic Animals**

DANGER: Causes severe eye and skin irritation. Harmful if absorbed through the skin or inhaled. May cause skin sensitization reactions in certain individuals. Avoid contact with the skin, eyes, or clothing. Avoid breathing dust. Protective clothing, including goggles and rubber gloves, should be worn. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Statement of Practical Treatment

If in eyes, flush with plenty of water. Call a physician. If on skin, wash with plenty of soap and water. Get medical attention. If swallowed, drink promptly a large quantity of milk, egg white, gelatin solution, or, if these are not available, large quantities of water. Avoid alcohol. Note to Physician: Probable mucosal damage may contraindicate use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

Environmental Hazard Statements

This pesticide is toxic to fish. Direct application of copper sulfate to water may cause a significant reduction in population of aquatic invertebrates, plants, and fish. Do not treat more than one-half of a lake or pond at one time in order to avoid depletion of oxygen from decaying vegetation. Allow 1 to 2 weeks between treatments for oxygen levels to recover. Trout and other species of fish may be killed at application rates recommended on this label, especially in soft or acid waters. However, fish toxicity generally decreases when the hardness of water increases. Do not contaminate water by cleaning of equipment or disposal of wastes. Consult your State Fish and Game Agency before applying the product to public waters. Permits may be required.

BEST AVAILABLE COPY

PROPOSED LABEL COPY

Product Name: Dionne Copper Sulfate
Root Killer

Label Dimensions

Formulation/
Product Number:

Height:
Width:

Authored by:

Paper Type:

Reviewed by:

Paper Weight:

(RIGHT PANEL)

Directions for Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. To open: Place coin in groove, pry and lift lid off. To close: Place lid on container, press edges down, snapping lid on. Residential or Household Sewer Systems: In household sewers, use 2 pounds of Dionne Copper Sulfate Root Killer twice yearly. To add Root Killer to sewer line, pour about 1/2 pound into the toilet bowl nearest to sewer line and flush, repeating process until the recommended dose has been added; or remove cleanout plug and pour entire recommended quantity directly into sewer line, replacing plug and flush toilet several times. Note: Do not apply Root Killer through sink or tub drains as it will corrode these metal drains. If system is equipped with a septic tank, Root Killer will precipitate in the septic tank and little will pass into the absorption drain field. To treat drain field pipes, add 2 pounds of Root Killer to distribution box located between the septic tank and the drain field. If distribution box does not have an opening, it would be advisable to install a cleanout plug opening into the outlet pipe from the septic tank leading to the drain field for effective root control in the drain field pipes.

Storage and Disposal

Product Disposal: Securely wrap original container in several layers of newspaper and discard in trash. Do not contaminate water, food or feed by storage or disposal.
Container Disposal: Do not re-use container. Rinse thoroughly before discarding in trash.
Storage: Store product in secure, dry place. Keep product dry, as product is water soluble. When opening, closing or handling open packages or pouring product, wear goggles to prevent dusting into eyes. Spilled product should be swept up, used if clean, or disposed of in accordance with disposal procedures above. Store product in original container. During storage, store pesticides separately to prevent cross contamination of other pesticides, fertilizers, food and feed. Note: If treated water is to be used as potable water, the residual copper content must not exceed 1ppm (4ppm copper sulfate pentahydrate).

Distributed by:

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