



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

October 2, 2025

Timothy Joseph
Regulatory Agent
Mid-American Research Chemical Corp.
P.O. Box 927
Columbus, NE 68602-0927

Subject: Label Amendment –Incorporating mitigation measures from the Registration Review Interim Decision for Copper Compounds and other minor label updates.
Product Name: MARC Drain Line Root Control
EPA Registration Number: 12204-1
Application Date: 5/29/2025
Case Number: 00659377

Dear Timothy Joseph:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

The Agency, in accordance with FIFRA, as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Copper Compounds Interim Decision. The Agency has concluded that your submission is acceptable.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Yasmin Bowers at 202-566-2507 or Bowers.Yasmin@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Stephanie Suarez', with a long horizontal line extending from the end of the signature.

Stephanie Suarez, Ph.D.
Acting Product Manager 22
Fungicide Branch
Registration Division (7505T)
Office of Pesticide Programs

Enclosure

COPPER	GROUP	NOT CLASSIFIED	HERBICIDE
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MARC DRAIN LINE ROOT CONTROL (ABN: FOAMING DRAIN LINE ROOT CONTROL)

[ODORLESS; READY-TO-USE; STABLE; CONCENTRATED; TIME SAVING; ECONOMICAL;

Designed for: •Municipalities •Industry •Institutions •Home Use]

Active Ingredient	By Weight
Copper Sulfate Pentahydrate *	19.8%
CAS #7758-99-8	
Other Ingredients	80.2%
Total	100.0%
* Metallic copper equivalent	5.04%

Contains 0.47 lbs. metallic copper per gallon.

EPA Reg. No. 12204-1

EPA Est. No. _____

KEEP OUT OF REACH OF CHILDREN DANGER

[Read carefully precautions on side panel.][Read additional precautions on side panel.]

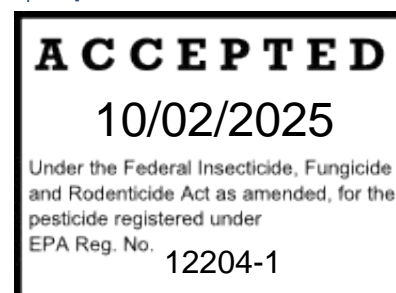
FIRST AID	
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue to rinse eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
NOTES:	Have the product container or label with you when calling a poison control center or doctor or going for treatment advice. For emergency information on this product, call the National Pesticides Information Center (NPIC) at 1-800-858-737, 6:30 AM to 4:40 PM Pacific time (PT), seven days a week. During other times, call the poison control center at 1-800-222-1222.
<p style="text-align: center;">NOTE TO PHYSICIAN:</p> <p>Probable mucosal damage may contraindicate the use of gastric lavage. Product causes eye irritation.</p>	

Net Contents: _____

Manufactured by
MID-AMERICAN RESEARCH CHEMICAL CORP.
P.O. BOX 927 • COLUMBUS, NE 68602-0927

M-70

[Scan QR Code for Spanish Label] [Escanee el código QR para la etiqueta en español]



PRECAUTIONARY STATEMENTS
Hazards To Humans And Domestic Animals
DANGER

Causes irreversible eye damage. Harmful if swallowed or absorbed through the skin. Do not get in eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT(PPE)

Mixers, Loaders, Applicators, and other handlers must wear the following:

- Long sleeved shirt and long pants,
- Shoes, plus socks,
- Chemical resistant gloves made of: barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, natural rubber ≥14 mils, polyethylene, polyvinyl chloride ≥14 mils, or viton ≥14 mils and
- Goggles or face shield

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated by this product. Do not reuse them.

USER SAFETY RECOMMENDATIONS:

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Wash the outside of gloves before removing.

ENVIRONMENTAL HAZARDS

Fish Advisory: This pesticide is toxic to fish and aquatic organisms. Unlike most organic pesticides, copper is an element and will not break down in the environment and will therefore accumulate in sediment with repeated applications. Copper is a micronutrient, but its pesticidal application rate exceeds the amount of copper needed as a nutrient. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate.

For terrestrial uses, do not apply directly to water except as specified on labeling, to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate.

{for labels with storm drain uses }

Stormwater Advisory Statement: This product may be applied for the purposes of root intrusion control in storm drains or storm sewers than can discharge directly or indirectly into ephemeral or permanent waterbodies. This product must not be used in any municipal or public storm sewer or "MS4" system, or any storm drain system otherwise covered under an NPDES MS4 discharge permit. Copper will accumulate with repeated applications in the waterbodies to which treated storm drains/sewers discharge.

To the extent possible, avoid simultaneous treatments of multiple drain systems that discharge to the same waterbody. Staggering applications to individual stormwater collection points to allow interceding storm events to clear the product from previously treated drains can help reduce the impact to aquatic organisms in receiving waterbodies. Development of and adherence to, a pesticide management plan for storm drains is encouraged.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift.

To control root growth in sewer pipes, use Drain Line Root Control as follows:

COMMERCIAL , INDUSTRIAL AND MUNICIPAL SANITARY SEWERS: During periods of low flow, use one gallon (0.47 lbs. metallic copper) of Drain Line Root Control each 6 to 12 month period at each junction or terminal ahead of where there may be a root problem. To be effective, the sewer must be opened sufficiently to permit some water flow. This can be attained by mechanical or chemical means.

Use Restriction: Do not make more than two applications per calendar year. Do not use more than 1 gallon (0.47 lbs. metallic copper) of product in the same sewer line per individual application.

STORM SEWERS: Use one gallon (0.47 lbs. metallic copper) of Drain Line Root Control to each 300 to 400 feet per year. Make application during period of light flow. In dry weather, introduce a flow with a hose. If storm drains become almost plugged, repeat treatment three to four times at two-week intervals. Maximum annual application rate of 0.5 lbs metallic copper per drain per year. This product may not be used in municipal or public storm drains and storm sewers.

Use Restriction: Do not make more than two applications per calendar year. Do not use more than 1 gallon (0.47 lbs. metallic copper) of product in the same sewer line per individual application.

HOUSEHOLD SEWERS: Use Drain Line Root Control twice yearly at the rate of one quart (0.12 lbs. metallic copper) to each 75 to 100 feet of sewer. Apply in toilet nearest sewer line at night or during periods of low flow. Flush toilet after each quart of application. If sewer is completely blocked, use mechanical or chemical methods to obtain some flow. Follow with up to 3 repeat treatments until free flow is restored. Then resume semi-annual preventative treatments.

Use Restrictions: Do not apply in sink or tub drains. Do not apply more than 1 gallon (0.47 lb metallic copper) per linear foot per year.

Do not use as a sewer additive where prohibited by State law. State law prohibits the use of this product in sewage systems in the State of Connecticut. Not for sale or use in the California counties of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, and Sonoma for root control in sewers. Not for sale or use in septic systems in the States of Florida and Massachusetts and State of Washington. However, Copper Sulfate Crystals may be sold and used in residential or household sewer systems in the States of Florida, Massachusetts and Washington which do not discharge into a septic tank/leach field system.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

{1 quart}

PESTICIDE STORAGE: Store only in tightly closed original container in a secure area inaccessible to children or persons unfamiliar with its use. Do not store on side. Avoid creasing or impacting of side walls.

PESTICIDE DISPOSAL Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Nonrefillable container. Do not use or refill this container. Offer for recycling, if available.

{1 gallon, 5 gallon, 55 gallon}

PESTICIDE STORAGE: Do not store on side. Avoid creasing or impacting side walls. Store in original container in areas inaccessible to children or persons unfamiliar with its use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

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