

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
DANGER - PELIGRO**

CORROSIVE: Causes irreversible eye damage. May be fatal if swallowed. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Do not breathe dust or spray mist. Wear goggles or face shield, long-sleeved shirt and long pants, socks, shoes and chemical resistant gloves made of any waterproof material.

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. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Fish Advisory Statement: 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 pesticide application rate exceeds the amount of copper needed as a nutrient.

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. For terrestrial uses do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

Application of algaecides to high density blooms of cyanobacteria can result in the release of intracellular contents into the water. Some of these intracellular compounds are known mammalian hepato- and nervous system toxins. Therefore, to minimize the risk of toxin leakage, manage cyanobacteria effectively in order to avoid applying this product when blooms of toxin-producing cyanobacteria are present at high density. In situations where rapidly reproducing toxic algal species pose a public health threat to drinking or recreational water resources, applicators must receive authorization from applicable state, local or tribal water resources authorities to apply copper at intervals shorter than 14 days despite the circumstance demand.

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 intersecting 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 allow adults, children or pets to enter the treated area until sprays have dried or dusts have settled. Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift.

SPECIFIC INSTRUCTIONS:

SEWER TREATMENT - ROOT DESTROYER*

ROOT CONTROL GENERAL INFORMATION: Plant roots can penetrate through small cracks and poorly sealed joints of sewer lines. If not controlled, these small roots will continue to grow larger in number causing breakage, reduced flow and eventually, flow stoppage. Root Kill has been known to be an effective means to control roots in residential sewers. Do not apply more than maximum annual application rate of 1 lb metallic copper (4 lbs product) per linear foot per year.

RESIDENTIAL OR HOUSEHOLD SEWER SYSTEMS:

When a reduced water flow is first noticed, and root growth is thought to be the cause, treat with Root Kill. It is important not to wait until a stoppage occurs because some water flow is necessary to move Root Kill to the area of the root growth. Usually, within 3 to 4 weeks, after roots have accumulated sufficient copper sulfate, the roots will die and begin to decay and water flow should increase. As the roots re-grow, follow-up treatments with copper sulfate will be required.

Applications may be made each year in the spring after plant growth begins, or during late summer or early fall, or any time a reduced water flow, thought to be caused by root growth, occurs. **Apply 2 pounds of Root Kill to household sewers. Add Root Kill to sewer lines by pouring 12 pound increments into the toilet bowl nearest the sewer line and flush, repeat this process until recommended dose has been added, or remove cleanout plug and pour entire recommended quantity directly into the sewer line. Replace the plug and flush the toilet several times. Repeat in 6 or 12 month intervals,** if necessary.

ROOT CONTROL IN SEPTIC TANKS, LEACH LINES & LEACH LINE PIPES:

The majority of the copper sulfate will settle in the septic tank itself and little will pass into the leach lines. To treat leach line pipes, add **2 pounds of Root Kill** to the distribution box located between the septic tank and the leach lines. To achieve effective root control in the leach lines it is necessary to transfer Root Kill from the septic tank to the leach lines. A cleanout plug opening may need to be installed if the distribution box does not have an opening leading to the leach lines. Repeat in **6 or 12 month intervals,** if necessary.

*NOTE: Do not apply Root Kill through sink or tub drains as it will corrode the metal drains.

*NOTE: Root Kill added to an active 300 gallon septic tank at 2 pounds per treatment will temporarily reduce bacterial action, but it will return to normal approximately 15 days after treatment. Trees and shrubbery growing near a treated line normally are not affected due to only a small portion of their roots being in contact with Root Kill. The crystals kills only those roots inside the leach line.

*NOTE: 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, 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.

*NOTE: For all sewer line treatment applications do not use more than 2 lbs Root Kill (0.5 lbs metallic copper) per application. Minimum retreatment interval is 6 months. Make no more than two applications per calendar year. Per EPA guidelines, do not exceed 8 lbs Root Kill (2 lbs metallic copper) per year.

STORAGE & DISPOSAL

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

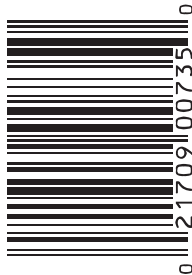
PESTICIDE STORAGE: Store in original container and place in locked storage area.

PESTICIDE DISPOSAL & CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling, if available. If partly filled:

Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTE: Zep Commercial Sales & Service, warrants that this product conforms to the chemical description on the label thereof & is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Zep Commercial Sales & Service. To the extent consistent with applicable law, Zep Commercial Sales & Service, shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer. To the extent consistent with applicable law exclusive remedy of any buyer or user of this product for any & all losses, injuries, or damages resulting from or in any way arising from the use, handling or application of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid for this product or at Zep Commercial Sales & Service's election, the replacement of this product. Zep Commercial Sales & Service, MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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EPA EST. NO. 40849-GA-1
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**ROOT
KILL
ROOT CONTROL
IN SEPTIC TANKS & LEACH LINES**



NOTE in the State of New York:

This product is a restricted use aquatic pesticide (RUP) in waters of the New York State. Pesticide applicator certification or a special use permit is required for sale, possession, or use.

COPPER SULFATE CRYSTALS

**KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID: if in eyes: 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 swallowed:** 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 to an 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 doctor for treatment advice. **If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by 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. For non-emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 Monday through Friday, 8:00am to 12:00pm Pacific time (NPIC web site: www.npic.orst.edu). For emergencies, call the poison control center 1-800-222-1222, 24 hours a day, 7 days a week.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Product causes eye irritation.

Intended for residential/homeowner use only.

ACTIVE INGREDIENT:	By Weight
Copper Sulfate Pentahydrate*	99.0%
OTHER INGREDIENTS:	1.0%
TOTAL	100.0%
CAS #7758-99-8	
*COPPER AS METALLIC, 25.1%	

See back panel for specific pesticide use directions & state restrictions.

Net Weight: 2 LB (32 oz/ 908 g)