

Material Safety Data Sheet



Transportation and Medical Emergency Phone: **1-800-535-5053 (INFOTRAC)**

General Phone: 317-580-8282

EPA Reg. No.: 67690-24

Revision Date: 11/28/2006

K-TEA* Algaecide

SePRO Corporation Carmel, IN 46032-4565

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: K-Tea* Algaecide

COMPANY IDENTIFICATION:

SePRO Corporation

11550 North Meridian Street, Suite 600

Carmel, IN 46032-4565

www.sepro.com

Information Phone: 317-580-8282 (Monday - Friday, 8:00 am to 5:00 pm EST)

2. HAZARDOUS IDENTIFICATIONS

EMERGENCY OVERVIEW

Dark blue liquid with no odor.

- May cause moderate irritation to eyes.

EMERGENCY PHONE NUMBER: 1-800-535-5053

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	% by Wt.
Elemental Copper†	Not available	8.0%

†Derived from copper-triethanolamine complex (CAS# 82027-59-6) and copper hydroxide (CAS# 20427-59-2).

Components not precisely identified are proprietary or not hazardous.

4. FIRST AID MEASURES

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

INGESTION: Call a poison control center or doctor immediately for treatment advice. Have person sip a large glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Never give anything by mouth to an unconscious person.

EYES: Hold eyes open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

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

5. FIRE FIGHTING MEASURES

FLASH POINT & METHOD: Not determined

FLAMMABLE LIMITS: Not determined

AUTO-IGNITION TEMPERATURE: Not determined

EXTINGUISHING MEDIA: Not determined

FIREFIGHTING EQUIPMENT: Wear self-contained breathing apparatus and full protective gear.

FIRE AND EXPLOSION HAZARDS: Prevent human exposure to fire, smoke, fumes or products of combustion.

HAZARDOUS COMBUSTION PRODUCTS: Decomposes above 200°C.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO TAKE FOR SPILLS/LEAKS: Cover the spill with an absorbent material such as sweeping compound or lime. Sweep up and place in suitable (fiberboard) containers for later disposal.

Report large spills to **INFOTRAC at 1-800-535-5053** and consult SePRO Corporation for assistance.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Do not store near food or feed. Store in a clean, dry area at a temperature below 95°F (35°C). Product decomposes above 200°C. Average shelf life under proper storage conditions is 2 years.

Keep out of reach of children.

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8. EXPOSURE CONTROL/PERSONAL PROTECTION

These precautions are suggested for conditions where the potential for exposure exists. Emergency conditions may require additional precautions.

EXPOSURE GUIDELINES: Not established.

VENTILATION: Provide local exhaust ventilation and/or general dilution ventilation to meet published exposure limits.

RESPIRATORY PROTECTION: Wear dual cartridge respirator for dusts and mists.

EYE/FACE PROTECTION: Wear protective eyewear to prevent contact with this substance.

SKIN PROTECTION: Wear rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Dark blue

ODOR: None

VAPOR PRESSURE: No appreciable vapor pressure. Open containers can lose small amounts of water by volatilization.

DENSITY (20°C): 1.1769 g/ml

SPECIFIC GRAVITY: 1.18

SOLUBILITY IN WATER: Soluble in water and alcohols.

pH: 8.4

BOILING POINT: Loses water and decomposes at high temperatures.

10. STABILITY AND REACTIVITY

STABILITY: This material is stable under normal conditions.

INCOMPATIBILITY (Specific materials/conditions to avoid): Do not use where pH of water is below 6. Copper chelate may dissociate and release copper ions which could subsequently be precipitated as insoluble copper salts. Should not be applied when water temperature is below 60°F.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposes above 200°C.

HAZARDOUS POLYMERIZATION: Material not known to polymerize.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS: This section includes possible adverse effects, which could occur if this material is not handled in the recommended manner.

INHALATION: May be toxic if mists are inhaled. Acute inhalation LC₅₀ (rat, 4 hour mist) = 0.54 mg/L.

INGESTION: Slightly toxic if swallowed. Oral LD₅₀ = 1,312 mg/kg.

EYES: Considered to be a moderate irritant.

SKIN: Considered to be a negligible irritant to the skin of a rabbit. Moderately toxic dermally. Acute dermal LD₅₀ = 2,918 mg/kg.

12. ECOLOGICAL INFORMATION

For detailed ecological information, contact SePRO Corporation at 317-580-8282.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL: Wastes resulting from the use of this product may be disposed of on site per label use directions or at an approved waste disposal facility. Follow all local, state, and federal requirements for disposal.

CONTAINER DISPOSAL: Completely empty container into application equipment. Triple rinse (or equivalent) the container. Then dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

14. TRANSPORT INFORMATION

Department of Transportation (DOT)	Not Regulated
International Air Transport Association (IATA)	Not Regulated
International Maritime Organization (IMO)	Not Regulated

Note: Inhalation data generated using a smaller particle size than is reasonably foreseeable to be encountered by a human during transport. Since a mist is not likely to be generated in a leakage of the transport containment, this material is not regulated for transport per DOT 49 CFR 173.132 (b)(3), IATA 3.6.3.3, IMO IV / 6.1 / 2.2.3, RID / ADR 2600 / 2.5.

For additional shipping information contact SePRO Corporation at 317-580-8282 and speak with the Logistics Manager.

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15. REGULATORY INFORMATION

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.

U.S. REGULATIONS

SARA TITLE III, SECTION 313: To the best of our knowledge, this product contains no chemical subject to SARA Title III, Section 313 supplier notification requirements above de minimis concentrations.

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

- An Immediate Health Hazard

TOXIC SUBSTANCES CONTROL ACT (TSCA): All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

STATE RIGHT-TO-KNOW: This product is not known to contain any substances subject to the disclosure requirements of any state.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) and HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):
(4 = Extreme; 3 = High; 2 = Moderate; 0 = Insignificant)

Health	1
Flammability	1
Reactivity:	0

OSHA HAZARD COMMUNICATION STANDARD: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA, OR SUPERFUND):

Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to the state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA):

To the best of our knowledge, this product does not meet the characteristic definition of ignitability, corrosivity or reactivity and is not listed in 40 CFR 261.33.

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16. OTHER INFORMATION, USES AND RESTRICTIONS

MSDS STATUS: Creation Date – 03/08/05
Revision Date – 11/28/06: All Sections

The information in this Material Safety Data Sheet relates to this specific material. It may not be valid for this material if used in combination with any other materials or in any process. It is the users' responsibility to satisfy themselves as to the suitability and completeness of this information for their own particular use.

The Information Herein Is Given In Good Faith, But No Warranty, Express or Implied, Is Made. Consult SePRO Corporation for Further Information.