

64962-4

7/9/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL, SAFETY
AND POLLUTION PREVENTION

Lawrence McLeroy
Earth Science Laboratories Inc.
113 S.E. 22nd St., Suite 1
Bentonville, AR 72712

JUL 9 2013

Subject: Labeling Amendment to ET-20
EPA Registration No. 64962-4
Decision No. 478411
Submission Date: 4/17/13

Dear Mr McLeroy:

The labeling referred to above, submitted under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended to revise the precautionary language and signal word based upon previously reviewed data submitted by your company, is unconditionally acceptable under FIFRA section 3(c)(5). A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the above mentioned label before releasing the product for shipment. If you have any questions, please contact Dominic Schuler at (703) 347-0260 or via email at schuler.dominic@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Tony Kish".

(for)

Tony Kish
Product Manager 22
Fungicide Branch
Registration Division (7504P)

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ACCEPTED
JUL 9 2013
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 64962-4

**MASTER LABEL FOR ET-20
EPA REG. NO. 64962-4**

**Algicide Intended for
Residential Ponds, Rain Barrels, Cisterns and Ornamental Water Features or Fountains**

ACTIVE INGREDIENT

Copper Sulfate Pentahydrate* (CAS No. 7758-99-8)..... 0.99%

OTHER INGREDIENTS..... 99.01%

Total..... 100.00%

*Metallic Copper25%

THIS PRODUCT WEIGHS 8.4 LB. PER GALLON.

- NET CONTENTS:**
- FOUR (4) OUNCES
 - EIGHT (8) OUNCES
 - SIXTEEN (16) OUNCES
 - THIRTY-TWO (32) OUNCES
 - SIXTY-FOUR (64) OUNCES
 - ONE (1) U.S. GALLON

**WARNING
AVISO
KEEP OUT OF REACH OF CHILDREN**

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

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for 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 a 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 soap and water for 15 to 20 minutes. Call a poison control center or doctor for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact INFOTRAC 1-800-535-5053 for emergency medical treatment.

SEE ADDITIONAL PRECAUTIONARY STATEMENTS

MFG. BY:

Earth Science Laboratories, Inc.
113 SE 22nd Street, Suite 1
Bentonville, AR 72712
Phone: 800-257-9283

EPA REGISTRATION NO.:

64962-4

EPA ESTABLISHMENT NO.:

64962-NE-001

BATCH NO.:

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

WARNING

Causes substantial but temporary eye injury. Harmful if swallowed. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wear protective eyewear (goggles, face shield or safety glasses), long sleeved shirt, long pants, shoes, socks and chemical-resistant gloves made of any waterproof material. Some materials that are chemical-resistant to this product are polyvinyl chloride, polyethelene and viton. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Waters treated with this product may be hazardous to aquatic organisms. Treatment of algae can result in oxygen loss from decomposition of dead algae and weeds. This oxygen loss can cause fish and invertebrate suffocation.

Certain water conditions including low pH (≤ 6.5), low dissolved organic carbon (DOC) levels (3.0 mg/L or lower) and "soft" waters (i.e. alkalinity less than 50 mg/L) increases the potential acute toxicity to non-target aquatic organisms. The application rates on this label are appropriate for water with alkalinity greater than 50 mg/L. Do not use these application rates for water with less than 50 ppm alkalinity (e.g., soft or acid waters) because trout and other species of fish may be killed under such conditions.

Do not apply this product this product to waters destined for use as drinking water or public waters. Do not apply to ponds, rain barrels, fountains or water features which drain or are otherwise connected to surface water (lakes, streams, ponds, estuaries, oceans or rivers).

This product is not safe for use with snails, shrimp, clams and other crustaceans or mollusks.

PERSONAL PROTECTIVE EQUIPMENT

USER SAFETY REQUIREMENTS

Mixers, loaders, applicators and other handlers must wear the following:

- Long-sleeved shirt
- Long pants
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material (Chemical Resistance Category A)
- Protective eyewear

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 material that have been drenched or heavily contaminated with the product's concentrate. 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.

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 adults, children or pets either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your state and tribe, consult the agency responsible for pesticide regulation.

USE INFORMATION

ET-20 is a highly soluble formulation. ET-20 is used to control algae in ponds, rain barrels, cisterns and ornamental water features or fountains.

USE IN CONTROL OF ALGAE

For algae control, apply in the late spring or early summer when algae first appear. Application should be done by pouring a measured amount of ET-20 directly from a calibrated measuring device into the residential ponds, rain barrels, cisterns and ornamental water features or fountains. Do not use a measurement cup or device that may also be used for food.

ET-20 is very soluble and will quickly disperse. See Specific Directions for Use.

Treatment of algae can result in oxygen loss from the decomposition of dead algae. This loss can cause fish suffocation. In regions where ponds freeze in winter, treatment should be done 6 to 8 weeks before expected freeze to prevent masses of decaying algae under an ice cover.

SPECIFIC DIRECTIONS FOR USE

To Control Algae in Residential Ponds, Rain Barrels, Cisterns and Ornamental Water Features or Fountains: Add 1/3 fluid ounce or 9 milliliters of ET-20 per 100 gallons of water. This will yield a rate of 0.06 ppm metallic copper. Treat only self contained ponds, rain barrels, cisterns ornamental water features or fountains which have no outflow into lakes, streams, ponds or public water. The minimum retreatment interval is 14 days. Treat every other week until algae is under control. If fish are present use aeration or run waterfall constantly. Do not over treat. One ounce treats 300 gallons of water.

Volume of Water	Unit of Measure		Copper
	Fluid Ounces	Milliliters	
14		1.25	0.06
70		6.25	0.06
100	1/3	9	0.06
200	2/3	18	0.06
300	1	27	0.06
400	1 1/3	36	0.06
500	1 2/3	45	0.06
600	2	54	0.06
700	2 1/3	63	0.06
800	2 2/3	72	0.06
900	3	81	0.06
1000	3 1/3	90	0.06

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If algae are present, treat at the rate of 1 fluid ounce or 27 milliliters of ET-20 per 100 gallons of water. This will yield a concentration of 0.18 ppm metallic copper. See table below.

Volume of Water	Unit of Measure		Copper
	Gallons	Fluid Ounces / Milliliters	
14		3.75	0.18
70		18.75	0.18
100	1	27	0.18
200	2	54	0.18
300	3	81	0.18
400	4	108	0.18
500	5	135	0.18
600	6	162	0.18
700	7	189	0.18
800	8	216	0.18
900	9	243	0.18
1000	10	270	0.18

For applications without fish apply at the rate of up 5.5 fluid ounces per 100 gallons of water. This will yield a rate of 1.0 ppm metallic copper.

Do not exceed 1.0 ppm metallic copper under any circumstances. The minimum retreatment interval is 14 days.

APPLICATION AND HANDLING EQUIPMENT

Application, handling or storage equipment MUST consist of fiberglass, PVC, polypropylene, viton, corrosion resistant plastics or stainless steel. Never use mild steel, nylon, brass or copper around ET-20. Always rinse and clean equipment thoroughly each night with plenty of fresh, clean water.

PESTICIDE STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a safe place away from pets and keep out of the reach of children. Store away from excessive heat. ET-20 will freeze. Always store ET-20 above 32 degrees F (Do Not Freeze). Freezing may cause product separation.

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DO NOT FREEZE

Always keep container closed. Store ET-20 in its original container only. Keep away from galvanized pipe, and any nylon storage or handling equipment.

DISPOSAL

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess ET-20 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. In the event of spill, neutralize with limestone or baking soda before disposal. May deteriorate concrete.

CONTAINER HANDLING: Non-refillable 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.

IMPORTANT READ BEFORE USING LIMITED WARRANTY AND LIMITATION OF REMEDIES

Read the entire Directions for Use, Limited Warranty and Limitation of Remedies (including limitations on liability) before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

The Directions for Use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the 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 Earth Science Laboratories, Inc. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

To the extent consistent with applicable law, seller warrants that the product conforms to the chemical description and is reasonably fit for the purpose stated on the label for use under normal conditions, but makes no other warranties of FITNESS OR MERCHANTABILITY expressed or implied, or any other warranty if the product is used contrary to the label instructions, or under conditions not foreseeable to the seller. To the extent consistent with applicable law, the seller shall not be liable for more than the cost of this product to the buyer

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and will in no event be liable for any consequential, special or indirect damages connected with the use or handling of this product. This product is offered and the buyer or user accepts it subject to the foregoing terms which may not be varied. Seller makes no warranty for product which has been frozen.

Manufactured by:

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