

PM 32

45387-15

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 20 1990

Owen A. Ranstead  
Scientific Water Systems, Inc.  
130 Avalon Road  
Lafayette, LA 70508

Subject: CHLOR MOR Dy-Chlor 62  
EPA Registration No. 45387-15  
Your Amendment Dated May 17, 1990

CHLOR MOR Chlorinated Tablets, 3"  
EPA Registration No. 45387-18  
Your Amendment Dated May 4, 1990  
Your Amendment Dated May 17, 1990

Dear Mr. Ranstead:

This is in response to your label amendment for each of the two subject products for the added use of treating cooling tower recirculating water, and your label amendment for EPA Reg. No. 45387-18 for the added use of treating sewage effluents.

The amendments referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, are acceptable subject to the comments listed below. A stamped copy of each product's labeling is enclosed for your records. Five copies of the finished labeling for each product must be submitted before the product is released for shipment. (According to our records, you have not submitted finished labeling in accordance with the Sept. 8, 1986, EPA Registration Notices for these products. If you decide not to proceed with the subject amendments, then you will have to submit five finished copies of the labeling that was accepted Sept. 8, 1986.)

1. The statement of Practical Treatment (First Aid) must be on the front (center) panel of the label.
2. In the statement of Practical Treatment, under "Swallowing," delete the phrase, "and any common cooking (vegetable) oil, if available."

CONCURRENCES

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|---------|--|--|--|--|--|--|--|
| SYMBOL  |  |  |  |  |  |  |  |
| SURNAME |  |  |  |  |  |  |  |
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3. Replace the text of the "Environmental Hazards" section with the following:

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

4. In the Storage and Disposal section, in the sentence, "Do not reuse empty container, but place in trash collection," replace the last part of the sentence with, "rinse thoroughly before discarding in trash collection."

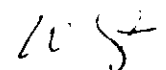
5. In the Storage and Disposal section, add the following pesticide disposal text (in accordance with PR Notice 83-3):

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.

Your Application for Pesticide Amendment for EPA Reg. No. 45387-15 mentions use in decorative water fountains. Also, the application form for the May 17, 1990, amendment for EPA Reg. No. 45387-18 (the amendment for sewage effluent use) says, "and for other related applications where a continuous source of chlorine is required." Since your proposed labeling does not have use directions for these other uses, we cannot currently accept these uses.

If you have any questions, you may call Wallace Powell at (703) 557-6938.

Sincerely,



Walter C. Francis  
Acting Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (H-7504C)

Enclosures

3-1-73

**DIRECTIONS FOR USE**

It is a Violation of Federal Law to use this product in a manner inconsistent with its labeling.

CLOR MOR DY-CHLOR 62 is recommended for recirculating cooling systems where an oxidizing chemical can be used and where rapid removal of biological growth is desired.

**TREATMENT OF ALGAL OR BACTERIAL SLIMES:** Adjust pH of water to 7.4 to 7.8 before initiating this treatment. With tower operating, but with bleed valve cut off, add DY-CHLOR 62 directly to the sump at a rate of 2 to 4 ounces per 1,000 gallons of water in the system. Wait 10 minutes and measure available chlorine residual. If less than 3 ppm, repeat treatment. Repeat this process until the tower has achieved the desired state of cleanliness. Discontinue treatment and let the chlorine residual drop below 1.0 ppm. Clean sump and screens. If necessary, drain the water from the system and replace it with fresh water. Open blow down valve and return system to normal operation.

**SUPERCHLORINATION OF SYSTEMS RECEIVING CONTINUOUS CHLORINATION:** Recirculating cooling systems on continuous chlorination at low chlorine levels may function better if they are periodically superchlorinated to remove chloramines and other organic wastes that are not removed by low level chlorination. Superchlorination with DY-CHLOR 62 is recommended at least once a month. More frequent treatment may be desirable in towers subject to higher levels of organic contamination. To superchlorinate, adjust pH of the recirculating water to 7.4 - 7.8. With the blow down valve closed, add 2 ounces of DY-CHLOR 62 per 1,000 gallons of water in the system. Wait 2 hours and measure chlorine residual. When chlorine residual is 1.0 ppm or less, open blow down valve and resume normal operation.



**GRANULAR  
DY-CHLOR 62**

**COOLING TOWER  
CHLORINATING COMPOUND**

**DANGER!**

Keep Out of Reach of Children!

See Additional Precautionary Statements on Side Panel.

ACTIVE INGREDIENT: Sodium dichloro-s-triazinetriene..... 99%  
INERT INGREDIENTS:..... 1%  
AVAILABLE CHLORINE:..... 62%

Net Contents: 50 Lbs. (22.73 Kg.)

Product of:  
**SCIENTIFIC WATER SYSTEMS, INC.**  
P.O. Box 52886  
Lafayette, LA 70505-2886  
1 (318) 233-2108

EPA EST NO. 45387-LA-1

EPA REG. NO. 45387-15

**PRECAUTIONS  
HAZARDS**

**DANGER:** Highly irritant. Wear eye shield and rubber gloves. Wash contact areas with water.

**PRACTICAL TIPS:** Use plenty of water to rinse clothing and skin. If skin irritation occurs, take immediate action. If unconscious, drink (vegetable) oil and take to a hospital. Do not attempt resuscitation if unconscious. Do not attempt resuscitation if unconscious.

**ENVIRONMENTAL:** Do not discharge into lakes, streams, or rivers. See EPA regulations.

**PHYSICAL AND CHEMICAL:** Only use with water. Do not mix with other chemicals. Such use may result in chemical reactions, gases, and fumes. Do not use in containers of water if necessary.

**STORAGE AND DISPOSAL:** Store in a cool, dry place away from heat and sunlight. Do not store in original container, but use a suitable container for storage.

**ACCEPTED WITH COMMENTS by EPA Laboratory**

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Under the Federal Insecticide, Fungicide, and Rodenticide Act, registered with EPA No. 45387-15