



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510W)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

45309-58

Date of Issuance:

MAY 14 1998

Term of Issuance:

Name of Pesticide Product:

Aqua Chlor
Chlorinating Sanitizer

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Aqua Clear Industries, Inc.
Box 5430
Albany, NY 12205-0430

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the above named product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Make the following labeling changes before you release the product for shipment:

1. The Child Resistant Packaging is Required.
2. Include the word "Poison" and the skull and crossbones symbol immediately below the signal word "DANGER" on the front panel of the label.
3. Revise the heading "Chemical Hazards" to read: "Physical and Chemical Hazards".

4. Signature of Approving Official

Robert S. Brennis, PM 32

Date:

4. Revise the "Precautionary Statement" to read:

Fatal if inhaled. Corrosive. Causes irreversible eye damage or skin burns. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Do not breathe dust. Wear goggles or face shield. For handling activities, use dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C). Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

5. Revise the "Statement of Practical Treatment" to read:

If Swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

If on Skin: Wash with plenty of soap and water. Get medical attention.

If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If in Eyes: Hold eyelids open and flush with steady, gentle stream of water for 15 minutes. Get medical attention.

6. The proposed label should contain a "Note to Physicians". Some suggested types of information include the following:

- technical information on symptomatology;
- use of supportive treatments to maintain life functions;
- medicine that will counteract the specific physiological effects of the pesticide;
- company telephone number to specific medical personnel who can provide specialized medical advice.

Probable mucosal damage may contraindicate the use of gastric lavage.

- 7. Revise the "Environmental Hazards" statement to read:

This pesticide is toxic to fish and aquatic organisms. "Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. 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".

- 8. In the Ingredient statement align the decimal points so that the percentages add up to 100%.

| | |
|------------------------------|------|
| Active Ingredient(s) | |
| Name of the ingredient | ___% |
| Inert Ingredients | ___% |
| TOTAL | 100% |

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

Sincerely,



Robert S. Brennis
 Product Manager 32
 Regulatory Management Branch II
 Antimicrobials Division (7504C)

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

How to use LITHIUM Hypochlorite: To start your pool: 1. Backwash filter. 2. Utilizing your pool test kit, adjust pH of pool water to 7.2 to 7.6. Add soda ash or sodium bicarbonate to correct an acid condition (less than 7.2). Add sodium bisulfite if the pH is greater than 7.6. Maintain pH range of 7.2 to 7.6 for a minimum of six hours before the addition of Lithium Hypochlorite and during the entire season. 3. Use two cups of Lithium Hypochlorite per 5,000 gallons of pool water.

After the proper pH range (7.2 to 7.6) and chlorine residuals (1.0 to 1.5) have been established, it is beneficial to add a chlorine stabilizer (cyanuric acid) to the pool to prevent extreme fluctuations in the chlorine level. Cyanuric acid available at most pool dealers and should be added in accordance to instruction of the package for maximum stabilization of the pool water.

How to Maintain the Proper Chlorine Residual: The chlorine residual should be maintained between 1.0 and 1.5 ppm, available chlorine as determined by the chlorine test kit. Under normal conditions, this residual can be maintained by the daily addition of about 1/3 cup (2.7 oz.) of Lithium Hypochlorite for each 5,000 gallons of pool water - if the pool water is properly stabilized with 30 to 50 ppm of cyanuric acid pool stabilizer. Severe conditions, such as high temperature, continued use by many people will require higher daily dosages, whereas smaller dosages may suffice in the spring and fall when the pool is not being subjected to normal bather loads.

The pool water should be superchlorinated about once each week. Five times the normal daily addition, or a minimum of one cup (8 oz.) per 5,000 gallons of pool water should be added in the evening when the pool will not be used for a minimum of 12 hours. Test the chlorine residual and if above 2.0 ppm, do not allow swimming until residual has decreased.

STORAGE AND DISPOSAL

Keep product dry in a tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. In case of decomposition, isolate container in an open area if possible, and flood with large amounts of water. Do not reuse empty container. Rinse empty container thoroughly with water to dissolve all material before discarding. Place in trash collection or dispose in approved landfill area.

DANGER PRECAUTIONARY STATEMENTS

HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes eye damage. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Irritating to nose and throat. Avoid breathing dust. May cause burns to broken skin; ear goggles or face shield and protective clothing when handling. Wash hands after handling.

FIRST AID (PRACTICAL TREATMENT)

If swallowed, drink plenty of water. In case of personal contact, remove excess material and flush skin or eyes with cold water for at least 15 minutes. For eyes get medical attention as soon as possible. Remove and wash contaminated clothing before reuse.

CHEMICAL HAZARDS

Strong oxidizing agent. Do not use moist or damp utensils. Contamination with moisture, dirt, organic matter, or other chemicals causes foreign matter, may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible generation of toxic fumes.

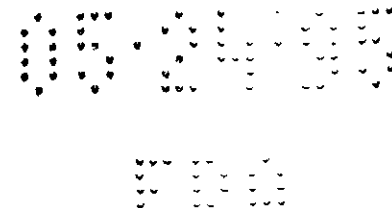
ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Keep out of lakes, streams, ponds, or public waters. Permits may be required for discharges consisting of this pesticide into public waters. For guidance contact the regional office of the Environmental Protection Agency.

SPECIAL PRECAUTIONS (PLEASE READ)

1. This product has a powerful chlorine odor. Hold away from face when opening to avoid breathing fumes.
2. Prolonged contact between this product in its undissolved state and vinyl liners or painted surfaces will result in bleaching of the vinyl or paint.
3. When adding this product to skimmer or feeder make sure there are no other chemicals present as a violent reaction may occur. It is always dangerous to mix chemicals.
4. Use this product as directed as per instructions on label. Do not take advice from others or experiment by yourself.
5. If this product is used to shock or superchlorinate a pool, after treatment it is important to brush walls and floor to expose protected algae that may be in cracks or wrinkles that might protect algae from high chlorine residual. Such protected algae will begin to reproduce again when high chlorine residual falls.
6. This product, because of its potent formulation, can be dangerous if not used properly. Do not mix with any other chemicals. This could result in a violent chemical reaction. Do not add water to this product in a closed container. Do not add this product to a small amount of water in a pail. When adding this product to skimmer, make sure pump is on and water is circulating so that material is drawn into recirculating system. Do not allow build up of dry material in skimmer as gases may generate and cause an explosion.

Manufactured By:
Aqua Clear Industries, Inc.
Box 5430, Albany, New York 12205



ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 14 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.
45309-58

Aqua-Chlor

Lithium Hypochlorite Chlorinating Sanitizer

ACTIVE INGREDIENT
Lithium Hypochlorite 20%

INERT INGREDIENTS 78%

provides 35% available chlorine

EPA Est. No. 45309-NY01 EPA Reg. No. 45309-58

**KEEP OUT OF REACH OF CHILDREN
DANGER**

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**NET WT.
100
LBS.**

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