

84043-2

01-12-2011

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg.

Number:

84043-2

Date of

Issuance:

JAN 12 2011

Term of Issuance:

Conditional

Name of Pesticide Product:

Liquid Chlorine MU

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

FILE COPY

Name and Address of Registrant (include ZIP Code):

EQUA-CHLOR, INC.
3541 Industrial Way
Longview, WA 98632

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.

This product (OPP Decision No. D-439113) is registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Revise the "EPA File Symbol to read, EPA Reg. No. 84043-2 "

Signature of Approving Official:

Wanda Y. Henson
Acting Product Manager Team (32)
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

JAN 12 2011

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- b. "POISON" must appear in red, on a background of distinctly contrasting color on the label.
- c. "FATAL IF INHALED" must be added to the front panel of the label.
- d. Revise the "Hazards to Humans and Domestic Animals" statement as follows:

DANGER. Fatal if inhaled or absorbed through the skin. Corrosive. Cause irreversible eye damage and skin burns. Do not breathe vapors or get in eyes, on skin or clothing. Wear goggles, protective clothing and rubber gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged frequently repeated skin contact may cause allergic reactions in some individuals.

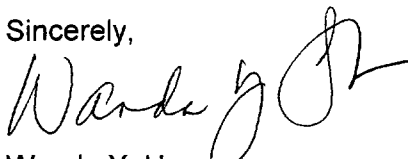
- e. The unenforceable term "Only" has been removed from "For Manufacturing Use."

3. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

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.

A stamped copy of the label is enclosed for your records. Should you have any questions regarding this letter, please contact me either by phone at (703) 308-6345 or email at Henson.Wanda@epa.gov.

Sincerely,



Wanda Y. Henson
Acting Product Manager Team 32
Regulatory Management Branch II
Antimicrobials Division (7510P)

Enclosures: (Stamped Label)

FOR USE ONLY BY TRAINED PERSONNEL
FOR MANUFACTURING USE ONLY

Liquid Chlorine MU

LIQUEFIED GAS UNDER PRESSURE

Active Ingredient: Chlorine..... 99.9%
Other Ingredients 0.1%
Total 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER



POISON

- HAZARDOUS LIQUID AND GAS UNDER PRESSURE
- MAY CAUSE CHEMICAL PNEUMONIA AND EVEN DEATH IN HIGH CONCENTRATIONS
- MAY CAUSE SEVERE IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT
- LIQUID CAUSES SEVERE BURNS
- CAN REACT EXPLOSIVELY WITH ORGANIC PRODUCTS

For Assistance in Chemical Emergency,
Call CHEMTREC 1-800-424-9300



EQUA-CHLOR

Equa-Chlor, Inc.
P.O. Box 865
Longview, WA 98632
360-636-2123

EPA Pesticide Registration No. 084043
EPA Establishment No. 084043-WA-001

Net Contents: Bulk See Bill of Lading

FIRST AID

If inhaled	<ul style="list-style-type: none">• Remove person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.• Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Remove contaminated clothing.• Rinse exposed area immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for immediate advice.
If in eyes	<ul style="list-style-type: none">• Hold eyes open and rinse slowly and gently with warm water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">• Call 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 by mouth to an unconscious person.

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. Contact the Poison Center at 1-800-222-1222 for 24-hour emergency medical treatment information.

(See back panel for additional precautions.)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Fatal if swallowed, inhaled or absorbed through skin. Corrosive. Causes irreversible eye damage and skin burns. Do not breathe vapors. Do not get in eyes, on skin or on clothing. Wear goggles, protective clothing and rubber gloves as discussed below. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment: Handlers must wear long-sleeved shirts, long pants, shoes, and socks and use a NIOSH/MSHA approved respirator where vapor may be generated.

IN CASE OF SPILL OR LEAKAGE

In case of a spill or leak, handlers must wear chemical-resistant gloves (such as nitrile or butyl) and a full-face canister-style (gas mask) respirator with a canister approved for chlorine (MSHA/NIOSH approval number prefix TC-14G) OR a self-contained breathing apparatus (SCBA) (MSHA/NIOSH approval number prefix TC-13F).

ENVIRONMENTAL HAZARDS

This pesticide is toxic or highly toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other 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 local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

CHEMICAL-PHYSICAL HAZARDS

Chlorine is a non-flammable gas, liquefied, under pressure. Do not heat container. Keep away from intense heat. Corrosive to most metals in presence of moisture.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Refer to the "Chlorine Manual" published by The Chlorine Institute, Inc. for instructions on the required product use and safety procedures. Before working with this product, handlers must be trained how to appropriately use respirators that conform to OSHA requirements (described in 29 CFR Part 1910.134) and how to appropriately handle and use chlorine. This product, including dispensing equipment, must be handled and used in accordance with the practices specified by all applicable, product labeling and the "Chlorine Manual" published by The Chlorine Institute, Inc. Use only in well ventilated areas.

INTENDED FOR FORMULATION INTO A SANITIZER, DISINFECTANT OR SLIMICIDE FOR THE FOLLOWING USES:

- Disinfectants for treatment of municipal drinking water supplies, for treatment in sewage waste and waste water treatment plants, and swimming pools by professional applicators.
- Control of bacteria, algae and slime build-up in plant processing equipment (food processing use).
- Sanitizers for treatment of food contact and non-food contact surfaces and equipment in food processing plants and wash water treatment of raw agricultural commodities and other food commodities.
- Control of algae and slime in fountains, ponds and ornamental lakes containing no fish or wildlife.
- Slimicide in water cooling systems and in paper mills.
- Control of organisms causing decay of fruits or vegetables.
- Repackaging into smaller containers for any of the above uses.

INTENDED FOR USE IN NON PESTICIDE MANUFACTURING PROCESSES by trained personnel only in production of bleach, plastics, chlorinated solvents, refrigerants, and intermediates for products containing no chlorine. Proper training in safety and use of protective equipment are essential. Well designed and maintained handling and processing facilities are required.

STORAGE AND DISPOSAL

[for bulk shipments in railcars]

Storage: Keep railcars away from excessive heat or fire. Segregate railcars from other compressed gases, and never store near hydrocarbons, finely divided metals, turpentine, ether, anhydrous ammonia, or other flammable materials. Railcars must have a weather resistant label and must not be accessible to the general public. If railcar is damaged or leaking, refer to procedures in the Chlorine Institute Manual and/or notify supplier immediately. Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law.

Leak Procedure: Make daily inspections for leaks. Stop a leak at once, since it will become worse with time. In case of a leak, evacuate everyone from the immediate area. For entry into the affected area to correct problem, wear personal protective equipment (including prescribed respirators) specified in the Hazards to Humans section of this labeling. When possible, move leaking or damaged railcars to an isolated location. Observe strict safety precautions. Work upwind, if possible. Allow any liquid chlorine to evaporate. Only correctly trained and Personal Protective Equipment (PPE)-equipped handlers are permitted to perform such cleanup. Do not permit entry into the leak area by any other person until the chlorine has completely dispersed.

Container Handling: Empty chlorine railcars must be properly identified with return tag and returned as promptly as possible to supplier according to prescribed instructions and practices in the Chlorine Institute Manual and in accordance with applicable DOT regulations. All valves must be closed tightly and closures or plugs secured. It is illegal to ship a leaking chlorine container.

Refer to the appropriate Chlorine Institute Pamphlet for instructions on the required product use and safety procedures. To contact the Chlorine Institute call (703)-741-5760 or visit www.ci2.com.

Spills of 10 pounds or more must be reported to the **NATIONAL RESPONSE CENTER 1-800-424-8802**