

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20480	EPA REGISTRATION NO. 45440-10	DATE OF ISSUANCE APR 29 1988
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT CL-1010	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Chemgard, Inc.
 P.O. Box 6711, Sta. B
 Greenville, SC 29606

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 45440-10."
 - b. The statement Active Ingredients should be singular.
 - c. Delete the statement: General Classification.
 - d. Revise referral statement to read:

See side panel for additional precautionary statements.

ATTACHMENT IS APPLICABLE *

SIGNATURE OF APPROVING OFFICIAL	DATE
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88738:Lee:L-6:KEMCO:4/25/86:5/6/86:DKD:VO

e. Revise the statement:

Practical Treatment (FIRST AID)

to read:

Statement of Practical Treatment.

f. Revise the Environmental Hazard statement to read:

Environmental Hazards

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.

g. Revise the statement:

May be fatal if swallowed

to read:

Harmful or fatal if swallowed.

h. The Storage and Disposal statements are unacceptable for the container sizes you propose. Refer to PR Notice 83-3 for acceptable statements.

i. No use directions were declared on the label for oilfield systems. Either provide the use directions or delete the claim (upper left panel).


3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

3/10

3.

4. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

John H. Lee 
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosures

CL-1010 is recommended to control the growth of green algae (*Chlorella*, *Scenedesmus*), blue-green algae (*Phormidium*, *Anabaena*), anaerobic sulfate-reducing bacteria (*Desulfovibrio*) and aerobic heterotrophic bacteria (*Bacillus* sp., *Pseudomonas* sp.) in recirculating water cooling systems, evaporative condensers and in subsurface injection systems, such as secondary and tertiary oil recovery systems.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS**

DANGER

Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS:

-1010 is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES Permit. For guidance, contact the regional office of EPA.

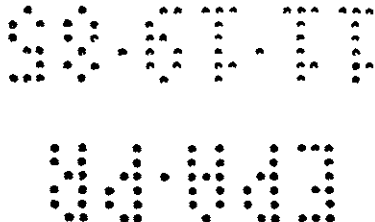
**DIRECTIONS FOR USE
GENERAL CLASSIFICATION**

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

CL-1010 may be metered, pumped, gravity fed or poured from a suitable container into the treatment system. Centrifugal, injection, piston or diaphragm pumps are satisfactory. Algicide feed pumps, meters and feed lines may be stainless steel, neoprene, glass, plastic, or unpigmented fiberglass.

RECIRCULATING WATER COOLING TOWERS:

Initial Treatment: To a visually clean system or when algae or slime is first visible, to sump water near pump suction, add 25 to 30 ounces of CL-1010 for each 1,000 gallons of water (195 to 390 ppm) in the system. Repeat initial dose at day intervals until algae and slime control is evident. Badly fouled systems should be cleaned before initiating treatment.



CL-1010

Controls algae slime growth on recirculating water cooling towers and evaporative condensers.

ACTIVE INGREDIENTS:

Alkyl (C₁₄, 58%; C₁₆, 28%; C₁₂, 14%) dimethyl benzyl

ammonium chloride: 10%

INERT INGREDIENTS: 90%

TOTAL INGREDIENTS: 100%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

PRACTICAL TREATMENT (FIRST AID): In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measure against circulatory shock as well as oxygen and measures to support breathing manually or mechanically may be needed. If persistent, convulsions may be controlled by cautious intravenous injection of a short-acting barbiturate drug.

SEE ADDITIONAL PRECAUTIONS ON SIDE PANEL

NOT FOR USE OR STORAGE
AROUND THE HOME ENVIRONMENT

FOR COMMERCIAL AND INDUSTRIAL USE ONLY

EPA Reg. No. 45440-

EPA Est. No. 45440-SC-1

Manufactured by:

NET CONTENTS:

Chemgard, Inc.

P.O. Box 6711, Station B

Greenville, SC 29606

Maintenance Treatments: which additional dosages may be required to control slime and algal growth can vary with local water experience, since each system has a different composition and in amount of organisms present.

A treatment of this algae may be necessary once a month or when algae or slime is usually sufficient to control in cooling towers. To control dose may be necessary once every two weeks. Use 38 to 77 oz of water (300 to 600 ppm) f

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FEEDING: 1010 may be used as a drum or diluted with water in a suitable feed system. Dose may vary or any other convenient method of distribution of treatment.

STORAGE AND DISPOSAL: Store in a closed, original container inaccessible to children and away

Do not reuse empty container before discarding in trash.

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 29 1986

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

45440-10