

15300-26

1/3/2003

1/3



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

EPA Reg. Number:
15300-26

Date of Issuance:
FEB 3 2003

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
**Chemical Treatment
CL-40**

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

**ChemTreat, Inc.
10040 Lickinghole Road
Ashland, VA 23005**

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 is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration 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 reregistration of your product under FIFRA section 4.
2. Make the following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 15300-26."
3. Bold the directions for use headings on the label.
4. Remove the term "etc." from "Recirculating Cooling Water Systems Including Brewery Pasteurizers And Air Washers."

Page 1 of 2

Signature of Approving Official:

Robert S. Brennis, Product Manager 32

Date:

FEB - 3 2003

5. Submit two copies of the revised final printed label for the record.

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.

A handwritten signature in black ink, appearing to be "JTB", is written over the text of the enclosed label copy.

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

CAUTION: Harmful if absorbed through skin. Avoid contact with skin and clothing. Wash with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not get into eyes.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. 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.

PHYSICAL AND CHEMICAL HAZARDS

CHEMICAL TREATMENT CL-40 is not flammable. Avoid contact with strong oxidizers (other than sodium hypochlorite and chlorine), acids, alkaloidal and heavy metal salts.

STORAGE AND DISPOSAL

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

STORAGE: Store in well-ventilated, dry area. Product should be stored at 50° F or above.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

Triple rinse the container (or equivalent), then offer for recycle, reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY

Seller makes no warranty expressed or implied concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

ACCEPTED
with COMMENTS
EPA Letter Dated:

FEB - 3 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. **15300-26**
Net Contents..... lbs. Or gals.

**CHEMICAL TREATMENT
CL-40**

**FOR USE AS A DISINFECTANT, BACTERICIDE,
FUNGICIDE, ALGICIDE, SLIMICIDE AND
MOLLUSCICIDE IN WATER TREATMENT.**

ACTIVE INGREDIENT:

Sodium Bromide 40.0%

INERT INGREDIENT: 60.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Prolonged eyes and skin contact may cause severe irritation.

STATEMENT OF PRACTICAL TREATMENT

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-25 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 ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment 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 the poison control center or doctor.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

CHEMTREAT, INC.

**10040 Lickinghole Road
Ashland, Virginia 23005**

EPA Reg. No. 15300-

EPA Est. Nos.: 15300-VA-1

15300-TX-1

15300-IA-1

DIRECTIONS FOR USE

Violation of Federal Law to use this product in any manner inconsistent with labeling.

CHEMICAL TREATMENT CL-40 is used as a disinfectant, bactericide, fungicide, algicide, slimicide, and molluscicide in recirculating and once-through cooling water systems, brewery pasteurizing systems, waste water systems, and pulp and paper mills. It is to be used in conjunction with an oxidant such as sodium hypochlorite (12.5%) or chlorine gas (99.9%) to produce the hypobromous acid. **CHEMICAL TREATMENT CL-40** may be added at system inlet water or metered into the existing NaOCL piping to form a solution of sodium hypobromite. Consult your feeder manufacturer for correct procedure and proper use of the feeder equipment.

WASTEWATER. When used as directed, **CHEMICAL TREATMENT CL-40** effectively disinfects wastewater effluent. The quantity of **CHEMICAL TREATMENT CL-40** required varies with the degree of fouling. Add sufficient **CHEMICAL TREATMENT CL-40** and chlorine or sodium hypochlorite to achieve residual bromine levels of 0.3 ppm to 1 ppm when measured approximately 5 minutes after treatment.

Depending on the construction of the wastewater system, **CHEMICAL TREATMENT CL-40** can be effectively added to one or more different locations in the system. Frequently, the compound is added to wastewater receiving secondary treatment at a contact tank preceding the effluent discharge or at the influent of the final clarifier.

The disinfection of sewage effluent must be evaluated by determining that the total number of coliform bacteria and/or fecal coliform bacteria, as determined by the MPN Procedure, of the disinfected effluent has been reduced to or below the maximum permitted by the controlling regulatory jurisdiction.

RECIRCULATING COOLING WATER SYSTEMS INCLUDING BREWERY PASTEURIZERS AND AIR WASHERS. When used as directed, **CHEMICAL TREATMENT CL-40** effectively controls bacteria, fungi, algae, slimes and the growth and settlement of mollusks such as zebra mussel (*Dreissena*) or the Asiatic clam (*Corbicula*) in commercial and industrial cooling towers, heat exchange water towers, industrial water scrubbing systems (not registered in California) and influent systems such as flow through filters, and lagoons, (not registered in California) etc.

INDUSTRIAL ONCE-THROUGH COOLING WATER SYSTEMS. When used as directed, **CHEMICAL TREATMENT CL-40** effectively controls bacteria, fungi, algae, slimes and the growth and settlement of mollusks such as zebra mussel (*Dreissena*) or the Asiatic clam (*Corbicula*) in once-through and closed-cycle fresh and sea water cooling systems. Apply **CHEMICAL TREATMENT CL-40** and chlorine or sodium hypochlorite to the system inlet water or before any other contaminated area in the system

DOSAGE RATES:

Initial Dose: When the system is noticeably fouled, apply sufficient **CHEMICAL TREATMENT CL-40** and chlorine or sodium hypochlorite to achieve a residual bromine level of 0.5-1 ppm or as needed to maintain control. A 0.5 to 2.0 mole ratio of sodium bromide to oxidant is recommended. Typically, the recommended mole ratio may be achieved by using 1.5-6.0 lbs of chlorine gas (99.9%) or 1.3-5.2 gallons NaOCL (12.5%) for each gallon of **CHEMICAL TREATMENT CL-40**.

Subsequent Dose: When microbial control is evident, apply sufficient **CHEMICAL TREATMENT CL-40** and chlorine or sodium hypochlorite to achieve a residual bromine level of 0.5-1 ppm or as needed to maintain control. A 0.5 to 2.0 mole ratio of sodium bromide to oxidant is recommended. Typically, the recommended mole ratio may be achieved by using 1.5-6.0 lbs of chlorine gas (99.9%) or 1.3-5.2 gallons NaOCL (12.5%) for each gallon of **CHEMICAL TREATMENT CL-40**.

The product may be added to the system either continuously or intermittently or as needed to obtain the above residual level. The frequency of feeding and dosage rate will depend on the severity of the problem. It is recommended that the product be used in a manner such that the effluent discharges meet the NPDES guidelines.

3/3