

P1131

3876-149

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 3876-149	DATE OF ISSUANCE MAR 03 1994
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		
NAME OF PESTICIDE PRODUCT CLAM-TROL CT-2		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Betz Laboratories, Inc.  
 4636 Somerton Road  
 Trevoese, PA 19053

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 sec. 3(c) (7) (A) provided that you:

1. Submit/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; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

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

- a. Add the phrase "EPA Registration No. 3876-149".
- b. Include the heading "Net Contents".
- c. The signal word: "Danger" should be placed directly below the word: "reach". (center panel only).
- d. Include the appropriate EPA Establishment No.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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*Jeffy*

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

e. Revise the Environmental Hazards statement to read:

This pesticide is toxic to fish. 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.

f. Add the following additional instructions.

Do not use water containing residues from use of this product to irrigate crops used for food or feed.

Use of the product in either public/municipal or single or multiple family private/residential potable/drinking water systems is strictly prohibited. Use of the product in any cooling water system that discharges effluent within 1/4 mile of either a public/municipal or single or multiple family private/residential potable/drinking water intake is strictly prohibited.

g. Revise the heading: "recirculating cooling water systems" to read:

Industrial and/or commercial recirculating cooling water systems

h. Delete the statement: Measures against circulatory shock, as well as oxygen, and measures to support breathing manually or mechanically may be needed.

i. The ingredient: "dimethyl benzyl ammonium chloride" is considered four separate words.

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.

Sincerely,

Marshall Swindell  
Acting Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (H7505C)

CONCURRENCES

SYMBOL	Enclosures						
SURNAME							
DATE							

# BETZ

BETZ INDUSTRIAL

# Clam-Trol CT-2

A DIVISION OF BETZ LABORATORIES, INC.

FOR CONTROL OF ALGAE AND ALGAL SLIME GROWTH IN WATER COOLING SYSTEMS

3044

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND  
DOMESTIC ANIMALS

### ANGER

CORROSIVE. CAUSES SEVERE EYE & SKIN BURNS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WEAR GOGGLES OR FACE SHIELD & RUBBER GLOVES WHEN HANDLING. IRRITANT OR FATAL IF SWALLOWED. AVOID CONTAMINATION OF FOOD. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

### ENVIRONMENTAL HAZARDS

THIS PESTICIDE IS TOXIC TO FISH. DO NOT DISCHARGE INTO LAKES, PONDS, STREAMS, ESTUARIES, OCEANS OR PUBLIC WATER UNLESS THIS PRODUCT IS SPECIFICALLY IDENTIFIED AND ADDRESSED IN AN NPDES PERMIT. DO NOT DISCHARGE EFFLUENT CONTAINING THIS PRODUCT INTO SEWER SYSTEMS WITHOUT PREVIOUSLY NOTIFYING THE SEWAGE TREATMENT PLANT AUTHORITY. FOR CHLORINE CONTACT YOUR STATE WATER BOARD OR REGIONAL OFFICE OF THE EPA.

PHYSICAL OR CHEMICAL HAZARDS  
DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME.

ACTIVE INGREDIENT:	
n-Alky (502 C14, 402 C12, 102 C16)	
dimethylbenzylammonium chloride.....	50.02
INERT INGREDIENTS..... 50.02	
TOTAL..... 100.02	
CONTENTS: LIQUID	EPA EST. NO.
POUNDS PER GALLON: 8.0	
EPA REG. NO. 2076-	

**ANGER** KEEP OUT OF REACH OF CHILDREN  
STATEMENT OF PRACTICAL TREATMENT  
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. Measures against circulatory shock, as well as oxygen and measures to support breathing manually or mechanically may be needed.

See left panel for additional precautionary statements.

### DIRECTIONS FOR USE:

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

- STORAGE AND DISPOSAL**
1. PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.
  2. STORAGE INSTRUCTIONS: Store in original container. Keep from freezing.
  3. SPILL OR LEAK PROCEDURE: Small spills may be mopped up or flushed away with water or absorbed on some absorbent material and incinerated.
  4. PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinseate is a violation Federal Law. If these wastes cannot be disposed of by the user 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.
  5. CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

### RECIRCULATING COOLING WATER SYSTEMS

FOR CONTROL OF BACTERIA AND FUNGI

This product aids in the control of mollesca, barnacles, hydrozoa, bryozoa and of bacterial, fungal and algal slimes in evaporative condensers, heat exchange water systems, commercial and industrial cooling towers, influent systems such as flow-through filters and lagoons, industrial water scrubbing systems and brewery pasteurizers.

This product may be added to the systems as needed. The frequency of feeding and duration of the treatment will depend upon the severity of the problem.

DAILY FOULED SYSTEMS must be cleaned before treatment is begun.

**INITIAL DOSE:** When the system is noticeably fouled, add this product at the rate of 0.1 to 0.45 pound (12 to 36 ppm) per 1000 gallons of water in the system. Repeat until control is achieved.

**SUBSEQUENT DOSE:** When control is evident, add this product at the rate of 0.05 to 0.15 pound (6 to 18 ppm) per 1000 gallons of water in the system.

FOR CONTROL OF MOLLUSCA, BARNACLES, HYDROZOA AND BRUYZOA

Add this product at the rate of 0.016 to 0.166 pound (2 to 20 ppm) per 1000 gallons of water in the system. Maintain this concentration for 3 to 40 days.

FOR THE CONTROL OF ALGAE

**INITIAL DOSE:** When the system is noticeably fouled, add this product at the rate of 0.15 to 0.45 pound (18 to 36 ppm) per 1000 gallons of water in the system. Repeat until control is achieved.

**SUBSEQUENT DOSE:** When control is evident, add this product at the rate of 0.1 to 0.45 pound (12 to 36 ppm) per 1000 gallons of water in the system.

ACCEPTED  
FOR COMMENTS  
in EPA Letter Dated:

BEST AVAILABLE COPY

MAR-03 1994

USE DIRECTIONS CONTAINED ON SECOND PANEL.

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

NET WT. LBS.  
LOT NO.

FOR LABORATORY USE: Technical advice regarding specific site problems is available from BETZ. PANEL 1 OF 2

QUALITY WAY, TREVUSE, PA 19053 BUSINESS PHONE: 215-355-3300 EMERGENCY (HEALTH OR ACCIDENT): 1-800-874-1940

38 75 199

ATTACH PANEL TWO HERE

**BETZ**  
BETZ INDUSTRIAL

**Clam-Trol CT-2**  
a DIVISION OF BETZ LABORATORIES, INC.

FOR CONTROL OF ALGAE AND ALGAL  
SLIME GROWTH IN WATER COOLING  
SYSTEMS

AUXILIARY WATER/SERVICE WATER AND  
WASTE WATER SYSTEMS

USE DIRECTIONS CONTINUED FROM PANEL ONE

ONCE-THROUGH  
INDUSTRIAL COOLING WATER SYSTEMS

This product aids in the control of mollusca, barnacles, hydrozoa, bryozoa and of algal, bacterial and fungal slimes in once-through fresh and sea water cooling systems, cooling ponds, canals and lagoons. This product may be added to the system inlet water or before any contaminated area in the system.

DAILY FOULED SYSTEMS must be cleaned before treatment is begun.

FOR THE CONTROL OF ALGAE, BACTERIA AND FUNGI

**INITIAL DOSE:** When the system is noticeably fouled, add this product at the rate of 0.15 to 0.45 pound (10 to 70 ppm) per 1000 gallons of water based on the flow rate through the system. Minimum treatment intervals should be 15 minutes. Repeat until control is achieved.

**SUBSEQUENT DOSE:** When control is evident, add this product at the rate of 0.1 to 0.45 pound (12 to 36 ppm) per 1000 gallons of water based on the flow rate through the system.

FOR THE CONTROL OF MOLLUSCA, BARNACLES, HYDROZOA AND BRYOZOA

Add this product at the rate of 0.016 to 0.166 pound (2 to 20 ppm) per 1000 gallons of water based on the flow rate through the system. Maintain this concentration for 3 to 48 hours.

This product is effective for the control of mollusca, barnacles, hydrozoa, bryozoa and of odor-forming and slime-forming bacteria, fungi and algae in auxiliary water systems such as fire protection systems and pump or screen bags, waste water and waste material disposal, holding or recovery systems such as storage tanks, storage piles, associated piping, settling ponds or lagoons, transport spillings or canals and disposal wells.

This product may be added to the system water or by spraying onto a waste pile as needed. The frequency of feed or spray and the duration of treatment will depend upon the severity of the contamination. Additions to water systems should be made during the pumping operation and as close to the pump as possible to ensure adequate mixing.

INTERMITTENT OR SLUG METHOD

When treatment is required, add this product at the rate of 0.3 to 1.3 pounds (36 to 156 ppm) per 1000 gallons of water already in the system, or being added to the system, for 4 to 8 hours, 1 to 4 times per week or as needed to achieve the desired level of control. When control is obtained, add this at the rate of 0.15 to 0.45 pounds (10 to 70 ppm) per 1000 gallons of water in the system.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR 03 1994

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

3876149

BEST AVAILABLE COPY

CT2 5707

PANEL 2 OF 2

QUALITY WAY, TREUOSE, PA 19053 BUSINESS PHONE: 215-355-3300 EMERGENCY (HEALTH OR ACCIDENT): 1-800-877-1940