

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	22058-22 TERM OF ISSUANCE	28 NOV 1984
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	
	Sharp L-50	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Sharp Chemical Company  
 6700 Dixie Drive  
 Houston, TX 77067

**BEST AVAILABLE COPY**

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 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.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Add the phrase "EPA Registration No. 22058-22".
  - b. Delete the phrases "Specimen Label: Bio-Guard WTB-IV" and "Biolab" from the label.
  - c. The paragraph entitled "Feeding" under your use directions is incomplete. Add the following statement to complete this section "or any other convenient location providing good distribution of treatment."
  - d. Revise your storage and disposal statement to read:

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL: *James A. ...*  
 DATE: \_\_\_\_\_

STORAGE AND DISPOSAL

BEST AVAILABLE COPY

Store only in tightly closed, original container in a secure area inaccessible to children. 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. If these wastes cannot be disposed of by use 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.

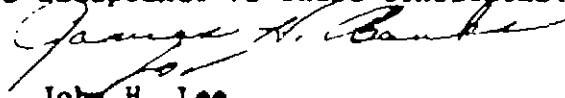
Do not reuse empty container.

Triple rinse empty container with water. Return metal drums to reconditioner or puncture and dispose of in a sanitary landfill or by other procedures approved by State and local authorities. Plastic containers may be disposed of in a sanitary landfill, incinerated or, if allowed by local authorities, by burning. If burned, stay out of smoke.

The heading "STORAGE AND DISPOSAL" must be of the same minimum type size as the "Keep Out of Reach of Children" Statement.

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.

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.



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

Enclosure

RD/DIS:JOB-50634:Lee:sah:RD-34:11/20/84:Kenderick & Co., 898-1270:Del. 11/29/84



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# SPECIMEN LABEL:

Lo-Guard WTB-10

This PRODUCT 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:** This product 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.

THIS PRODUCT 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 TREATMENTS:** To a visually clean system or when algae or slime first visible, to pump water near pump suction, add 50 to 100 ounces of THIS PRODUCT for each 1,000 gallons of water (390 to 780 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.

**MAINTENANCE TREATMENTS:** The frequency at which additional dosages must be added to control slime and algal growth can only be determined by experience, since each system will vary in water composition and in amounts and types of microorganisms present.

A treatment of this algicide once or twice a month or when algae or slime first appears is usually sufficient to control growth of green algae in cooling towers. To control slime bacteria, a dose may be necessary once a week or once every two weeks. Use 38 to 77 oz per 1,000 gallons of water (300 to 600 ppm) for subsequent dosages.

**FEEDING:** THIS PRODUCT may be fed directly from the drum or diluted with water and fed by any suitable feed system. Dose directly into the sump or into the recirculating water.

SHARP L-50

## MICROBIOCIDAL — ALGICIDE

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

Controls anaerobic sulfate-reducers and aerobic heterotrophic bacteria in oil field and petro-chemical water injection systems.

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 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. \_\_\_\_\_ EPA Est No. 22058-TX-22058-22

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

NOV 28 1984

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

Manufactured by  
SHARP CHEMICAL COMPANY  
6700 DIXIE DRIVE  
HOUSTON, TEXAS 77087

Net Contents  
55 U.S. Gallons