

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

524-399

DATE OF ISSUANCE

18 JAN 1988

TERM OF ISSUANCE

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Towerchlor 90 Tablets,  
3-Inch Tablets

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Monsanto Company  
800 North Lindbergh Boulevard  
St. Louis, MO 63167

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.

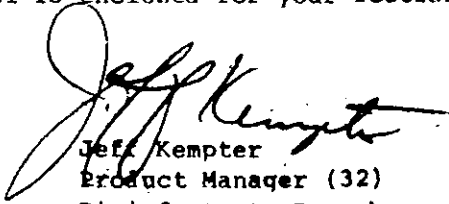
Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any 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/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. Add the phrase "EPA Registration No. 524-399" to your label before you release the product for shipment.
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 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.

  
Jeff Kempter  
Product Manager (32)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosures

ATTACHMENT IS APPLICABLE

**BEST AVAILABLE COPY**

SIGNATURE OF APPROVING OFFICIAL

DATE

TOWERCHLOR 90 TABLETS  
THREE INCH TABLETS

CAS NO: 2893-78-9

ACTIVE INGREDIENT:

|                                      |             |
|--------------------------------------|-------------|
| TRICHLORO-S-TRIAZINETRIONE . . . . . | 99%         |
| INERT INGREDIENTS . . . . .          | 1%          |
|                                      | <u>100%</u> |

Provides 90% available Chlorine.

KEEP OUT OF REACH OF CHILDREN  
D A N G E R !

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FIRST AID (PRACTICAL TREATMENT)

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IF SWALLOWED, drink one or two large glasses of water or milk.  
DO NOT INDUCE vomiting. Get medical attention. Avoid alcohol.

IF ON SKIN, immediately brush off excess chemical and flush with plenty of water. Remove contaminated clothing. Wash clothing before reuse. If irritation persists, call a physician.

IF IN EYES, flush with plenty of water. Get medical attention.

IF INHALED, remove person to fresh air. Call a physician.

NOTE TO PHYSICIAN: Probable <sup>with COMMENTS</sup> ~~Exposure~~ ~~to~~ ~~the~~ ~~product~~ ~~may~~ ~~contraindicate~~ the use of gastric lavage.

JAN 5 1988

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

524-399

This product provides a hypochlorite agent when dissolved in water. The intended use of TOWERCHLOR 90 TABLETS is to produce hypochlorous acid to control organic slimes of algae, bacteria and fungi in recirculation water of condensing and cooling equipment.

See side panel for DIRECTIONS FOR USE

EPA Reg. No. 524-

Manufactured by Monsanto Company  
St. Louis, Missouri 63167

**BEST AVAILABLE COPY**

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PRECAUTIONARY STATEMENTS

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Hazard to Humans and Domestic Animals

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**D A N G E R !**

HIGHLY CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. CAUSES BURNS TO SKIN. IRRITATING TO NOSE AND THROAT. MAY BE FATAL IF SWALLOWED. WILL BURN WITH THE EVOLUTION OF CHLORINE AND EQUALLY TOXIC GASES.

Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing dust or fumes. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

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Environmental Hazard

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

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Physical or Chemical Hazard

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STRONG OXIDIZING AGENT. WILL BURN WITH THE EVOLUTION OF CHLORINE AND EQUALLY TOXIC GASES. CONTACT WITH WATER SLOWLY LIBERATES IRRITATING AND HAZARDOUS CHLORINE-CONTAINING GASES. DECOMPOSES AT 460° F. to 480° F. WITH LIBERATION OF HARMFUL GASES.

Mix only with water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible generation of fire and explosion.

IN CASE OF: FIRE, if possible isolate container in open air or well ventilated area. Flood with large volume of water.

IN CASE OF: CONTAMINATION OR DECOMPOSITION, do not reseal container.

BEST AVAILABLE COPY



Directions for Use

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

FOR CONTROL OF ALGAE, BACTERIA AND FUNGI  
INDUSTRIAL RECIRCULATING WATER COOLING TOWER SYSTEMS:

A suitable feeder should be used to dissolve the TOWERCHLOR 90 TABLETS in the cooling water or they may be added to the sump of the cooling tower.

1. Test the cooling water pH, chlorine residual and alkalinity using suitable test kits.
2. Adjust pH and alkalinity of the cooling water to the desired levels.
3. Place sufficient TOWERCHLOR 90 TABLETS in feeder or tower sump so that a 0.6 to 1 ppm of free available chlorine residual is maintained in the cooling water. Three tablets per 10,000 gallons of cooling water provides approximately 1 ppm of chlorine. However, several times this dosage may be required to provide a residual of 1 ppm. throughout the system. The FREE AVAILABLE CHLORINE should be checked with a suitable chlorine test kit and additional dosages should be added until a reading of 1 ppm. is obtained at a bleed-off point.
4. Add TOWERCHLOR 90 TABLETS to the feeder frequently enough to maintain the FREE AVAILABLE CHLORINE between 0.6 and 1 ppm.

COOLING PONDS AND RESERVOIRS:

A suitable feeder should be used to dissolve the TOWERCHLOR 90 TABLETS in the cooling water. The feeder should be located in the system so that maximum recirculation of the water is obtained before it reaches the outlet. Sufficient materials should be added until the FREE AVAILABLE CHLORINE is controlled between 0.6 and 1 ppm. and the sodium bromide between 20 and 22 ppm.

Storage and Disposal

STORAGE: Retie polyethylene liner after each use and keep container tightly closed. Store in a dry place. Do not allow water to get into container. Keep container off wet floors. Do not contaminate water, food, or feed by storage or disposal.

DISPOSAL: Wastes of this pesticide may cause irreversible eye damage and burns to skin and may be dangerous. 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.

CONTAINER DISPOSAL: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. Rinse empty container with water, and dispose of in the same manner.

