

PM 32

935-71

1-22-99

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510W)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
935-71

Date of Issuance:  
JAN 22 1999

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Term of Issuance: Conditional

Name of Pesticide Product:  
Towerbrom® 60M Granules

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):  
Occidental Chemical Corporation  
Technical Center, V-81, P. O. Box 344  
Niagara Falls, NY 14302

~~Notes: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to the 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.

Based on your response to the Reregistration Eligibility Document(s), EPA has reregistered the product listed above subject to the following comments. This action is taken under the authority of section 4 (g) (2) (c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

- The statement of practical treatment on the label must be modified to include the following language:  
 "If swallowed Call physician or poison control center. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.
  - Submit two copies of the revised final printed label for the record.
- A stamped copy of the label is enclosed for your records.

Signature of Approving Official:  
*Robert S. Brennis*  
Robert S. Brennis  
Product Manager 32  
Regulatory Management Branch II  
Antimicrobial Division 7510W

Date:  
1/22/99

# TOWERBROM® 60M GRANULES

ACTIVE INGREDIENT:

Sodium Dichloro-s-triazinetriene .....	90%
Sodium Bromide.....	7%
INERT INGREDIENTS.....	3%
	100%

Provides 57 % Available Chlorine  
 Provides 128% available Bromine with continued use in accordance with the  
 Directions for Use

Towerbrom 60M is a high performance chlorine microbiocides. When used as directed, Towerbrom 60M Granules will aid in the control of organic slimes of algae, bacteria and fungi in recirculation water of condensing and cooling equipment.

## KEEP OUT OF REACH OF CHILDREN

### DANGER

### STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

**IF SWALLOWED**, drink large amounts of water. **DO NOT** induce vomiting. Avoid alcohol. Call a physician or poison control center immediately.

**IF IN EYES**, flush with plenty of water for 15 minutes. Get medical attention.

**IF ON SKIN**: Immediately brush off excess chemical and flush with plenty of water. Remove contaminated clothing. Wash clothing before reuse. **GET MEDICAL ATTENTION** if irritation persists.

**IF INHALED**: Remove to fresh air. **GET MEDICAL ATTENTION.**

**NOTE TO PHYSICIAN**: Probable mucosal damage may contraindicate the use of gastric lavage.

See side panel for **DIRECTIONS FOR USE**

EPA Est. No. 58401-MO-1  
 EPA Reg. No. 935-71

Occidental Chemical Corporation  
 Basic Chemicals Group  
 Dallas, Texas 75380  
 214-404-3800  
**24 Hour Emergency Phone: 1-800-733-3665**

NET WT 50LBS./22.7 KG

ACCEPTED  
 with COMMENTS  
 in EPA Letter Dated:

**JAN 22 1999**

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

**935-71**

**PRECAUTIONARY STATEMENTS**

**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

**CORROSIVE. CAUSES EYE AND SKIN DAMAGE. IRRITATING TO NOSE AND THROAT. HARMFUL OR FATAL IF SWALLOWED.**

*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.*

**ENVIRONMENTAL HAZARD**

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 Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of EPA.

**PHYSICAL OR CHEMICAL HAZARD**

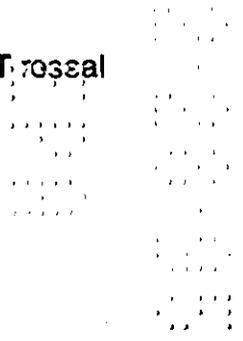
**STRONG OXIDIZING AGENT.** Will burn with the evolution of chlorine and equally toxic gases. Contact with water slowly liberates irritating and hazardous chlorine containing gases. Decomposes at 460°F to 480°F with liberation of harmful gases.

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 material, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible fire and explosion.

**IN CASE OF FIRE OR SMOKE:**

If possible, isolate in open air or well ventilated area. Flood with large volume of water.

**IN CASE OF CONTAMINATION OR DECOMPOSITION: DO NOT** reuse container.



**DIRECTIONS FOR USE**

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

**RECIRCULATING COOLING WATER SYSTEMS**

Towerbrom 60M Granules aid in the control of bacterial, fungal and algal slimes in evaporative condensers, heat exchanger water systems, commercial and industrial cooling towers, ornamental fountains, influent systems such as flow through filters, lagoons, industrial water scrubbing systems and cooling systems for brewery pasteurizers. This product may be added to the system continuously or intermittently as needed by the direct placement of granules into the water at a point where the dissolved granules will be uniformly mixed. The frequency of feeding and duration of the treatment will depend on the severity of the contamination. Badly fouled systems must be cleaned before treatment is begun.

**FOR CONTROL OF BACTERIA, FUNGI AND ALGAE**

Intermittent or slug method

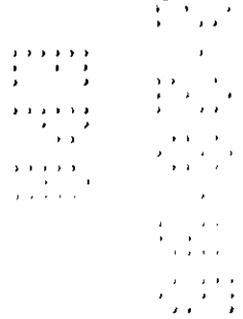
Initial Dose: When the system is noticeably fouled, add TOWERBROM 60M GRANULES at the rate of 0.7 to 1.5 pounds per 1000 gallons of water in the system to achieve 1-5 ppm total residual halogen as chlorine, as measured by a suitable test kit. Repeat dosage until residual is achieved.

Subsequent Dose: When microbial control is evident, add TOWERBROM 60M GRANULES at the rate of 0.2 to 0.7 pounds per 1000 gallons of water in the system to achieve 1 ppm total residual halogen as chlorine, as determined by a suitable test kit. Repeat dosage until residual is achieved.

Continuous feed method

Initial Dose: When the system is noticeably fouled, add TOWERBROM 60M GRANULES at the rate of 0.7 to 1.5 pounds per 1000 gallons of water in the system to achieve 1-5 ppm total residual halogen as chlorine, as measured by a suitable test kit. Repeat dosage until residual is achieved.

Subsequent Dose: When microbial control is evident, add TOWERBROM 60M GRANULES at the rate of 0.2 to 0.7 pounds per 1000 gallons of water in the system to achieve 1 ppm total residual halogen as chlorine, as determined by a suitable test kit. Repeat dosage until residual is achieved.



### STORAGE AND DISPOSAL

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

**STORAGE:** Keep container tightly closed. Store in a dry place. **DO NOT ALLOW WATER TO GET INTO CONTAINER.** Keep container off wet floors.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely toxic. 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. Clean equipment and /or dispose of equipment wash water in a manner to avoid contamination of water resources.

**CONTAINER DISPOSAL:**

For Fibre Drums: 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 as allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

For Plastic Pails: Triple rinse (or equivalent). Then offer for recycling or 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.

For Returnable Metal Bins: Return empty bin for reuse.

