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US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO
524-414

DATE OF ISSUANCE

NOV 29 1980

TERM OF ISSUANCE

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

NAME OF PESTICIDE PRODUCT
TOWER BROM 90, Three Inch Tablets

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Monsanto Company
200 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) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 524-414" 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.

WCF
Walter C. Francis
Acting Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

THREE INCH TABLETS

with COMMENTS
in EPA Letter D-260

**ACTIVE INGREDIENTS:
TRICHLORO-S-TRIAZINETRIONE
INERT INGREDIENTS**

NOV 29 1990
Under the Federal Insecticide, Fungicide, and Rodenticide Act, 16%
as amended, for 100%
registered under EPA
524-414

**Contains 90% Available Chlorine
Provides 202% Available Bromine When Sodium Bromide is added
in accordance with the Directions for Use**

TOWERBROM 90 THREE INCH TABLETS is a chlorine-containing microbicide which will perform as a brominating microbicide when EPA registered Sodium Bromide is added separately. Used in accordance with the Directions for Use, **TOWERBROM 90 THREE INCH TABLETS** will control organic slimes of algae, bacteria and fungi in recirculation water of condensing and cooling equipment.

**KEEP OUT OF REACH OF CHILDREN
DANGER!**

FIRST AID (PRACTICAL TREATMENT)

IF SWALLOWED, promptly drink a large quantity of water. **DO NOT** induce vomiting. **NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.** Avoid alcohol. Get medical attention.

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 soap and water. Remove contaminated clothing. Wash clothing before reuse. Get medical attention if irritation persists.

IF INHALED, remove person 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 Reg. No. 524-
EPA Est. No.

Manufactured for Monsanto Company
St. Louis, MO 63167
Rev. 10/25/90

Net Contents: ___ lbs. (___ kgs)

• Registered Trademark of Monsanto Co.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

D A N G E R !

CORROSIVE. CAUSES EYE AND SKIN DAMAGE. IRRITATING TO NOSE AND THROAT. HARMFUL OR 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.

ENVIRONMENTAL HAZARD

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters 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 guidance, contact your State Water Board or Regional Office of the 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 GAS. DECOMPOSES AT 460°F TO 480°F WITH LIBERATION OF HARMFUL GAS.

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.

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 90 THREE INCH TABLETS aid in the control of bacterial, fungal and algal slimes in evaporative condensers, heat exchange 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 with a wide variety of tablet dissolving devices (feeders, bags, buckets, etc.) or by the direct placement of the tablets into the water at a point where the dissolved tablets will be uniformly mixed.

Sodium Bromide from an EPA registered product must be independently added to the system in accordance with that product's Directions for Use. It can be added continuously or intermittently in solid form or as an aqueous solution.

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 90 THREE INCH TABLETS** at the rate of 0.5 to 1.0 pounds (1-3 tablets) per 1000 gallons of water (60-120 ppm) in the system to achieve 1-5 ppm total residual halogen as chlorine, as measured by a suitable test kit. Add sodium bromide at a sufficient rate (1 oz. per 1000 gallons) to obtain a bromide ion concentration of 5 ppm as measured with the recommended test kit. Repeat dosage until residual is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add **TOWERBROM 90 THREE INCH TABLETS** at the rate of 0.1 to 0.5 pounds (1/4 - 1 tablet) per 1000 gallons of water (12-60 ppm) in the system to achieve 1 ppm total residual halogen as chlorine, as determined by a suitable test kit. Add sodium bromide at a sufficient rate to obtain a bromide ion concentration of 5 ppm as measured with the recommended test kit. Repeat dosage until residual is achieved.

Continuous Feed Method

INITIAL DOSE: When the system is noticeably fouled, add **TOWERBROM 90 THREE INCH TABLETS** at the rate of 0.5 to 1.0 pounds (1-3 tablets) per 1000 gallons of water (60-120 ppm) in the system to achieve 1-5 ppm total residual halogen as chlorine, as measured by a suitable test kit. Add sodium bromide at a sufficient rate (1 oz. per 1000 gallons) to obtain a bromide ion concentration of 5 ppm, as measured by the test kit. Repeat dosage until residual is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add **TOWERBROM 90 THREE INCH TABLETS** at the rate of .1 to 0.5 pounds (1/4 - 1 tablet) per 1000 gallons of water (12-60) ppm in the system to achieve 1 ppm total residual halogen as chlorine, as determined by a suitable test kit. Add sodium bromide at a sufficient rate to obtain a bromide ion concentration of 5 ppm, as measured by the test kit.

STORAGE AND 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: 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. Clean equipment and/or dispose of equipment wash water in a manner to avoid contamination of water resources.

CONTAINER DISPOSAL:

For Plastic Pail 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 Fibre Drums Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. 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 it in the same manner.