

8622-57

1/13/2000

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

EPA Reg. Number:
8622-57

Date of Issuance:
Jan. 13, 2000

Term of Issuance: Conditional

Name of Pesticide Product: HyBrom 99

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Edward W. Lyle, Agent
Ameribrom, Inc.
52 Vanderbilt Ave.
New York, N.Y. 10017

Note: 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.

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 Section 3(c)(5) and Section 4 when the Agency requires all registrants of similar products to submit such data.
2. Revise the Storage and Disposal instructions by adding "Product should be stored at 50° F or above" to the storage instructions. Also add "Do not store in metal containers."
3. In the Precautionary Statements, use a larger type size for these words or phrases: "Hazards to Humans and Domestic Animals," "Caution," and "Chemical and Physical Hazards."
4. Submit two (2) copies of the revised final printed labeling before you release the product for shipment. The agreed to revised product name is HyBrom 99 and must replace Super Bromide, an unacceptable brand name, in all instances on this label.

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.

Signature of Approving Official:

Robert S. Brennis
Product Manager 32

Date:

JAN 13 2000

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION *INCREASE SIZE*

HARMFUL IF SWALLOWED
HARMFUL IF ABSORBED THROUGH THE SKIN
AVOID BREATHING DUST
AVOID CONTACT WITH EYES, SKIN, CLOTHING

Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before re-use.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposal of wastes. 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.

CHEMICAL AND PHYSICAL HAZARDS
Avoid contact with strong oxidizers (except when in use), acids, alkaline and heavy metal salts.

DO NOT SMOKE, DRINK, OR EAT WHEN HANDLING

DIRECTIONS FOR USE

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

Hy Brom 99
SUPER-BROMIDE is to be used in conjunction with an oxidant such as sodium hypochlorite (12.5%), chlorine gas (99.9%), trichloro-s-triazinetriene (99.0%), sodium dichloro-s-triazinetriene (99.0%), or sodium dichloro-s-triazinetriene dihydrate (99.0%) to produce hypobromous acid. SUPER-BROMIDE may be added at the system inlet water or metered into the existing sodium hypochlorite piping to form a solution of sodium hypobromite. SUPER-BROMIDE can be added whenever chlorination is applied, for all uses. Consult your feeder manufacturer for correct procedure and proper use of feeder equipment.

INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS

Use effectively at dosages recommended to achieve exposures to 0.5-5.0 parts per million (ppm) of "active" residual bromine, or as needed to maintain control of algal, bacterial and fungal slimes in commercial and industrial cooling towers, heat exchange water towers, industrial water scrubbing systems, and influent systems such as flow-through filters, lagoons, etc.

Dosage Rates

Hy Brom 99
Initial Dose: When noticeably fouled, add sufficient SUPER-BROMIDE and oxidant to achieve the "active" residual bromine level (0.5-5.0 ppm), measured about 5 minutes after treatment. A 0.5-2.0 mole ratio of sodium bromide to oxidant is recommended. Typically, the recommended mole ratio may be achieved by using 0.3-1.3 pounds of chlorine gas (99.9%), 0.3-1.1 gallons NaOCl (12.5%), 0.4-1.4 pounds of trichloro-s-triazinetriene (99.0%), 0.5-2.0 pounds of sodium dichloro-s-triazinetriene (99.0%), or 0.6-2.2 pounds of sodium dichloro-s-triazinetriene dihydrate (99.0%) for each pound of SUPER-BROMIDE.

Subsequent Dose: When microbial control is evident, add sufficient SUPER-BROMIDE and oxidant to maintain the "active" residual bromine level (0.5-5.0 ppm), measured about 5 minutes after treatment. Continue as in initial dose.

(Directions for Use continue in right-hand column)

Hy Brom 99

A DISINFECTANT SANITIZER, BACTERICIDE, SLIMICIDE, AND ALGICIDE FOR TREATING RECIRCULATING COOLING WATER SYSTEMS AND ONCE-THROUGH COOLING WATER SYSTEMS, PULP AND PAPER MILLS, AND WASTEWATER TREATMENT SYSTEMS

ACTIVE INGREDIENT: Sodium Bromide	99%
INERT INGREDIENTS:	1%
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT (First Aid)

- If in eyes: Flush eyes immediately with plenty of water for at least 15 minutes and get medical attention if irritation persists.
- If on skin: Wash with plenty of soap and water. Get medical attention.
- If inhaled: Remove person to fresh air immediately. Get medical attention at once.
- If swallowed: Call physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person.

See side panels for additional precautionary statements.

EPA Reg. No. 3622-57

EPA Est. No. LS298-ISR-1

NET CONTENTS: _____ LBS.

AMERIBROM, INC.
52 VANDERBILT AVENUE
NEW YORK, NEW YORK 10017
(212) 286-4000

WARRANTY

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with label directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such use.

DO NOT SHIP WITH FOODS, FEEDS, DRUGS, OR CLOTHING
KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE

DIRECTIONS FOR USE (cont'd)

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

ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS

Used for the control of algal, bacterial, and fungal slimes in once-through and closed-cycle fresh and seawater cooling systems. Apply SUPER-BROMIDE and oxidant to the system inlet water or before any other contaminated area in the system.

Dosage Rates (Initial and Subsequent)

Same as for Industrial Recirculating Cooling Water Systems (lower left column).

PULP AND PAPER MILLS

Used for the control of algal, bacterial, and fungal slimes, in pulp and paper mill fresh and sea water influent systems, cooling water systems, wastewater treatment systems, nonpotable water systems and other process water. Apply SUPER-BROMIDE with oxidant as directed.

Dosage Rates (Initial and Subsequent)

Same as for Industrial Recirculating Cooling Water Systems (lower left column).

WASTEWATER

SUPER-BROMIDE, when used as directed, will disinfect wastewater effectively. The amount of sodium bromide required is determined by the degree of fouling. SUPER-BROMIDE can be added to one or several locations of the wastewater system. If its construction permits, it is often added at the influent of the final clarifier or at the point in the system where a secondary treatment is given, prior to effluent discharge.

SUPER-BROMIDE and an oxidant should be added in quantities sufficient to reach residual bromine levels of 0.3-1.0 ppm measured about 5 minutes after treatment. A 0.08-2.0 mole ratio is recommended. Typically, the recommended mole ratio may be achieved by using 0.05-1.3 pounds of chlorine gas (99.9%), 0.04-1.1 gallons of NaOCl (12.5%), 0.06-1.4 pounds of trichloro-s-triazinetriene (99.0%), 0.08-2.0 pounds of sodium dichloro-s-triazinetriene dihydrate (99.0%) for each pound of SUPER-BROMIDE. The treatment with SUPER-BROMIDE can be evaluated by determining whether the total number of coliform bacteria and/or fecal coliform bacteria (using the MPN procedure) has been reduced to a level permitted by governing regulations.

STORAGE AND DISPOSAL

Do not store in metal containers
Do not contaminate water, food or feed by storage or disposal.

STORAGE
Store in a cool, well-ventilated area in well-closed original containers.

PESTICIDE DISPOSAL
Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

PLASTIC CONTAINERS
Triple rinse (or equivalent). Then offer for reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ACCEPTED

JAN 13 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 3622-57

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Product should be stored at 50° F or above

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