

8622-66

7-10-2003

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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:  
8622-66

Date of Issuance:  
July 10, 2003

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration

Term of Issuance: Conditional

Name of Pesticide Product:  
Sodium Bromide 45%

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Robert Rosenwasser  
Ameribrom, Inc.  
2115 Linwood Ave.  
Ft. Lee, N.J. 07024

**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 sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Change EPA file symbol 8622-AA to EPA registration 8622-66.
3. Submit one copy of the revised final printed label for the record.

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:

JUL 10 2003

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION  
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.

SODIUM BROMIDE 45% 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. SODIUM BROMIDE 45% may be added at the system inlet water or metered into the existing sodium hypochlorite piping to form a solution of sodium hypobromite. SODIUM BROMIDE 45% 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**

**Initial Dose:** When noticeably fouled, add sufficient SODIUM BROMIDE 45% 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 1.5 - 6.0 pounds of chlorine gas (99.9%), 1.3 - 5.2 gallons NaOCl (12.5%), 1.7 - 6.7 pounds of trichloro-s-triazinetriene (99.0%), 2.4 - 9.5 pounds of sodium dichloro-s-triazinetriene (99.0%), or 2.7 - 10.7 pounds of sodium dichloro-s-triazinetriene dihydrate (99.0%) for each gallon of SODIUM BROMIDE 45%.

**Subsequent Dose:** When microbial control is evident, add sufficient SODIUM BROMIDE 45% 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)

**SODIUM BROMIDE 45%**

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 ..... 45%  
**INERT INGREDIENTS:** ..... 55%  
**TOTAL** ..... 100%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

FIRST AID	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>Call poison control center, or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN	
"Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage."	

EPA Reg. No. 8622-AA

EPA Est. No. 12487-GH-3

NET CONTENTS:

LBS:

Manufactured for:

**Ameribrom, Inc.**  
2115 Linwood Avenue  
Fort Lee, NJ 07024

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 8622-66

**ACCEPTED**  
JUL 10 2003

Seller warrants that this product conforms to the label when used in accordance with label and any other warranty of MERCHANTABILITY extends to the use of this product contrary to the reasonably foreseeable to Seller, and Buyer as

**DO NOT SHIP WITH FOOD  
KEEP CONTAINER TIGHT**

**DIRECTIONS**

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 fresh and seawater cooling systems. Add to the system inlet water or before any other chemical is added.

**Dosage Rates (Initial and Subsequent)**

Same as for Industrial Recirculating Cooling Water Systems

**PULP AND PAPER MILLS**

Used for the control of algal, bacterial, and fungal slimes in sea water influent systems, cooling towers, nonpotable water systems and other processes where an oxidant is directed.

**Dosage Rates (Initial and Subsequent)**

Same as for Industrial Recirculating Cooling Water Systems

**WASTEWATER**

SODIUM BROMIDE 45%, when used as an oxidant, the amount of sodium bromide required is 0.5 - 2.0 mole ratio of sodium bromide required to oxidant. BROMIDE 45% can be added to one or more construction permits, it is often added at the system where a secondary treatment is required.

SODIUM BROMIDE 45% and an oxidant can be used to achieve residual bromine levels of 0.3 - 1.0 ppm (0.5 - 2.0 mole ratio is recommended. Typically by using 0.2 - 6.0 pounds of chlorine gas (99.9%), 1.3 - 5.2 gallons of trichloro-s-triazinetriene (99.0%), or 0.4 - 10.7 pounds of sodium dichloro-s-triazinetriene (99.0%) for each gallon of SODIUM BROMIDE 45% can be evaluated by bacteria and/or fecal coliform bacteria level permitted by governing regulations.

**STORAGE**

Store in a cool, well-ventilated area, in original container.

**PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Do not reuse or spray mixture, or rinseate is a violation of Federal Law. Dispose of by use in accordance with label or Office of the EPA for guidance.

**METAL CONTAINERS**

Triple rinse (or equivalent). Then offer and dispose of in a sanitary landfill, or incinerate, or as otherwise directed by local authorities.

**PLASTIC CONTAINERS**

Triple rinse (or equivalent). Then offer and dispose of in a sanitary landfill, or by incineration, or as otherwise directed by local authorities. If burned, stay out of smoke.