. .- 4/17/75 NOTIFICATION Form Approved. OMB No. 2070-0060. Please read instructions on reverse before completing form. Approval expires 2-28-95 **OPP Identifier Number** Registration **United States Environmental Protection Agency Amendment** 220856 Washington, DC 20460 Other Application for Pesticide - Section I 2. EPA Product Manager 3. Proposed Classification 1, Company/Product Number Mrs. Ruth Douglas 8622-49 None Restricted 4. Company/Product (Name) 32 Bromide Plus 5. Name and Address of Applicant (Include ZIP Code) 6. Expedited Reveiw. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling AmeriBrom, Inc. 52 Vanderbilt Avenue EPA Reg. No. New York, NY 10017 Check if this is a new address Product Name Section - II Amendment - Explain below. Final printed labels in repsonse to Agency letter dated "Me Too" Application. Resubmission in response to Agency letter dated \_\_\_\_\_ Notification - Explain below. Other - Explain below. Explanation: Use additional page(s) if necessary. (For section I and Section II.) NOTIFICATION - Revised Effluent Discharge Labeling Statement per PR Notice 93-10 Section - III 1. Material This Product Will Be Packaged In: Unit Packaging Water Soluble Packaging 2. Type of Container Child-Resistant Packaging Metal Yes Yes Yas **Plastic** No Glass Paper If "Yes" No. per if "Yes" No. per ertification must Unit Packaging wgt. container Other (Specify) Package wat container be submitted 3. Location of Net Contents Information 4. Size(s) Retail Container 5. Location of Label Directions Container 6. Manner in Which Label is Affixed to Product Lithograph Paper glued Stenciled Section - IV 1. Contact Point. (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) Telephone No. (Include Area Code) Name Regulatory Agent for Ronald L. Derbyshire 215/592-2385 AmeriBrom, Inc. 6. Date Application Certification Rectived I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowlingly false or misleading statement may be punishable by fine or imprisonmented. (Stamped) both under applicable law.

Ronald L. Derbyshire

2. Signature

4. Typed Name

Regulatory Agent for

AmeriBrom, Inc.

5. Date

9/15/95

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
 38%

 INERT INGREDIENTS
 62%

 TOTAL
 100%

# CAUTION

# STATEMENT OF PRACTICAL TREATMENT

If in eyes:

Flush eyes immediately with plenty of water for at least 15 minutes.

Get medical attention if irritation persists.

If on skin:

Wash throroughly with soap and plenty of water. Remove and wash

contaminated clothing before reuse. Get medical attention if irritation

occurs.

If inhaled:

Remove person to fresh air. Get medical attention.

If swallowed:

Give two glasses of water and induce vomiting. Get medical attention

immediately. Do not induce vomiting or give liquids to an unconscious

person.

See side panels for additional precautionary statemen.s.

EPA Reg. No. 8622-49

EPA Est. No. 707-IL-1

EPA Est. No. 8622-TX-1

EPA Est. No. 67834-OH-1

EPA Est. No. 67834-TX-1

Manufactured by: AMERIBROM, INC.

52 VANDERBILT AVENUE NEW YORK, NEW YORK 10017

(212) 286-4000

# AVOID CONTACT WITH EYES USE WITH ADEQUATE VENTILATION WASH THOROUGHLY AFTER HANDLING

## **ENVIRONMENTAL HAZARDS**

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 sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste. Use this product only as specified on this label.

#### CHEMICAL AND PHYSICAL HAZARDS

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

# STORAGE AND DISPOSAL

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: 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 in accordance with label instructions, contact your Regional Office of the EPA for guidance.

**METAL CONTAINERS:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**PLASTIC CONTAINERS** Triple rir.se (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.

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

#### 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.

Net contents: LBS

# **DIRECTIONS FOR USE**

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

BROMIDE PLUS is to be used in conjunction with an oxidant such as sodium hypochlorite (12.5%) or chlorine gas (99.9%) to produce the hypobromous acid.

BROMIDE PLUS may be added at the system inlet water or metered into the existing sodium hypochlorite piping to form a solution of sodium hypobromite. BROMIDE PLUS can be added whenever chlorination is applied, for all uses. Consult your feeder manufacturer for correct procedure and proper use of the feeder equipment.

# INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS

Used effectively at dosages recommended to achieve exposures to 0.5-5.0 part 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 holded, add sufficient BROMIDE PLUS and chlorine or sodium hypochlorite 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 lbs of chlorine gas (99.9%) or 1.3-5.2 gallons NaOCI (12.5%) for each gallon of BROMIDE PLUS.

**Subsequent Dose:** When microbial control is evident, add sufficient BROMIDE PLUS and chlorine or sodium hypochlorite to maintain the 'active' residual bromine level (0.5-5.0 ppm), measured about 5 minutes after treatment. Continue as in initial dose.

### **ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS**

Used for the control of algal, bacterial and fungal silmes in once-through and closed-cycle fresh and sea water cooling systems. Apply BROMIDE PLUS and chlorine or sodium hypochlorite to the system inlet water or before any other contaminated area in the system.

#### **Dosage Rates**

**Initial Dose:** When noticeably fouled, add sufficient BROMIDE PLUS and chlorine or sodium hypochlorite to achieve the 'active' residual bromine level (0.5-5.0 ppm) measured about 5 minutes after treatment. A 0.1-2.0 mole ratio of sodium bromide to oxidant is recommended. Typically, the recommended mole ratio may be achieved by using 1.5-6.0 ibs of chlorine gas (99.9%) or 1.3-5.2 gallons NaOCI (12.5%) for each gallon of BROMIDE PLUS.

**Subsequent Dose:** When microbial control is evident, add sufficient BROMIDE PLUS and chlorine or sodium hypochlorite to maintain the 'active' residual bromine level (0.5-5.0 ppm) measured about 5 minutes after treatment. Continue as in initial dose.

# **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, wasterwater treatment systems, nonpotable water systems and other process water. Apply BROMIDE PLUS with sodium hypochlorite or chlorine as directed.

### **Dosage Rates**

**Initial Dose:** When noticeably fouled, add sufficient BROMIDE PLUS and chlorine or sodium hypochlorite 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 lbs of chlorine gas (99.9%) or 1.3-5.2 gallons NaOCI (12.5%) for each gallon of BROMIDE PLUS.

**Subsequent Dose:** When microbial control is evident, add sufficient BROMIDE PLUS and chlorine or sodium hypochlorite to maintain the 'active' residual bromine level (0.5-5.0 ppm), measured about 5 minutes after treatment. Continue as in initial dose.

#### WASTEWATER

BROMIDE PLUS when used as directed, will disinfect wastewater effectively. The amount of sodium bromide required is determined by the degree of fouling. BROMIDE PLUS 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.

BROMIDE PLUS and chlorine or sodium hypochlorite 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 to 2.0 mole ratio of sodium bromide to oxidant is recommended. The treatment with BROMIDE PLUS 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.