

PM 32

1706-168

10-9-98

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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:
1706-168

Date of Issuance:
OCT 9 1998

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance: Conditional

(under FIFRA, as amended)

Name of Pesticide Product:
Nalco Acti-Brom® 1338

Name and Address of Registrant (include ZIP Code):

Nalco Chemical Company
One Nalco Center
Naperville, IL 60563-1198

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 regulation 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.

1. The precautionary statement on the label must read: "Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse."
2. The statement of practical treatment on the label must read:
"If on skin Wash with plenty of soap and water. Get medical attention."
"If in eyes Flush eyes with plenty of water. Get medical attention if irritation persists."
3. The corrosion characteristics study for one week at 140°C indicated some adverse effects with different metals. Please submit the results of storage stability studies (one year) on completion to the Agency.
4. 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
Product Manager 32
Regulatory Management Branch II
Antimicrobial Division 7510W

Date:

8/13/98

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

CAUTION:

**HARMFUL IF SWALLOWED. CAUSES
MODERATE EYE IRRITATION.**

Do not get in eyes, on skin or on clothing. 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 local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

REDUCING AGENT. Do not allow this product to come in contact with acids or oxidizing agents under conditions other than controlled feed to the system. Use only as directed. Gross mixing of this product with acids or oxidizing agents may cause evolution of hydrogen bromide gas which is poisonous and corrosive.

This product is not flammable. However, in fires fueled by other materials hydrogen bromide or bromine may be released.

STORAGE AND DISPOSAL

STORAGE: Store in a cool dry place away from direct sunlight. Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

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

CONTAINER DISPOSAL:

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

EPA Reg. No. 1706-168

EPA Est. No. 1706-CA-1 (A)

EPA Est. No. 1706-IL-1 (B)

Letter in () that matches first letter in batch number identifies the establishment number.

14. 1232/0993

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 9 1998

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

1706-168



NALCO®

ACTI-BROM®

1338

CHLORINE ENHANCER & BIODISPERSANT

Hypobromous Acid Generating Source For Use in Utility and Industrial once Through and Recirculating Cooling Water Systems Utilizing Chlorination

ACTIVE INGREDIENT:

Sodium Bromide.....	42.6%
INERT INGREDIENTS.....	57.2%
Total.....	100.0%

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

KEEP OUT OF REACH OF CHILDREN

CAUTION:

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person.

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

IF ON SKIN: Flush skin with water. Remove and wash contaminated clothing before reuse.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NALCO CHEMICAL COMPANY

6216 WEST 66TH PLACE

CHICAGO, IL 60638

EMERGENCY TELEPHONE NUMBER

(800) 462-5378

DIRECTIONS FOR USE:

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

ACTI-BROM 1338 is a source of hypobromous acid when applied to cooling water systems already being treated by chlorination.

RECIRCULATING COOLING WATER SYSTEMS

When used as directed, ACTI-BROM 1338 helps to effectively control algae, bacterial and fungal slime, asiatic clams, barnacles and other molluscs, in commercial and industrial cooling towers; inflow water systems such as flow through filters; heat exchange water systems; and industrial water scrubbing systems.

DOSAGE RATES: Add ACTI-BROM 1338 to the system at a 0.125 to 2.0 sodium bromide/oxidant mole ratio. For example:

1) 1.8 to 29.0 pounds of chlorine gas (99.9%) per gallon of sodium bromide solution;

2) 1.4 to 23.2 gallons sodium hypochlorite (12.5% available chlorine) solution per gallon of sodium bromide solution.

INITIAL DOSE: When the system is noticeably fouled, add 0.0003 to 0.022 gallons of ACTI-BROM 1338/1000 gallons of water contained in the system and oxidize with either gas chlorine (0.008 to 0.042 lbs. gas chlorine per 1000 gallons of contained water), or sodium hypochlorite solution (0.007 to 0.034 gallons of 12.5% sodium hypochlorite solution per 1000 gals of contained water).

SUBSEQUENT DOSE: When microbial control is evident, add 0.00014 to 0.022 gallons of ACTI-BROM 1338 per 1000 gallons of water contained in the system, and oxidize with either gas chlorine (0.004 to 0.042 lbs. gas chlorine/1000 gals of contained water), or sodium hypochlorite solution (0.003 to 0.034 gallons of 12.5% sodium hypochlorite solution/1000 gallons of contained water).

ONCE-THROUGH COOLING WATER AND WASTEWATER TREATMENT SYSTEMS

When used as directed, ACTI-BROM 1338 helps to effectively control algae, bacterial and fungal slime, asiatic clams, barnacles and other molluscs in a once-through fresh and sea water cooling systems and helps to disinfect secondary and tertiary wastewater treatment systems currently being chlorinated.

DOSAGE RATES: Add ACTI-BROM 1338 to the system at a 0.125 to 2.0 sodium bromide/oxidant mole ratio. For example:

1) 1.8 to 29.0 pounds of chlorine gas (99.9%) per gallon of sodium bromide solution;

2) 1.4 to 23.2 gallons sodium hypochlorite (12.5% available chlorine) solution per gallon of sodium bromide solution.

INITIAL DOSE: When the system is noticeably fouled, add 0.0007 to 0.044 gallons of ACTI-BROM 1338/1000 gallons of water contained in the system, and oxidize with either gas chlorine (0.02 to 0.08 lbs. gas chlorine per 1000 gallons of contained volume), or sodium hypochlorite solution (0.02 to 0.07 gallons 12.5% sodium hypochlorite solution/1000 gallons of contained volume).

SUBSEQUENT DOSE: When microbial control is evident, add 0.0003 to 0.044 gallons ACTI-BROM 1338 per 1000 gallons of water contained in the system, and oxidize with either gas chlorine (0.008 to 0.08 lbs. gas chlorine/1000 gallons contained volume), or sodium hypochlorite solution (0.006 to 0.07 gals 12.5% sodium hypochlorite solution per 1000 gallons of contained volume).

Specific dosage of ACTI-BROM 1338 will vary depending upon the operating characteristics of the system, the water chemistry and the severity of contamination. Consult your local Representative and Product Bulletin for feeding and dosage instructions.