

2019-1333

2019-07-08

ACTI-BROM 1338

CHLORINE ENHANCER BIODISPERSANT
SOLUTION
COMMERCIAL

READ THE LABEL BEFORE USING

ACTIVE INGREDIENT:

Sodium Bromide42.80%

REGISTRATION NO.: 21678 PEST CONTROL PRODUCTS ACT

Net Contents: L

Nalco Canada ULC
1055 Truman St. P.O. Box 5002
Burlington, Ontario
L7R 3Y9
TEL: (905) 633-1000

PHONE IN CASE OF EMERGENCY:
CANADA 1-800-463-3216 (24 HOURS)
CANUTEC: 1-613-996-6666 (24 HOURS)

DIRECTIONS FOR USE:

ACTI-BROM 1338 is a solution of an inorganic bromine salt and biodispersant. Product as drummed is not a microbiocide. ACTI-BROM 1338 is formulated to react with the hypochlorous acid (HOCl) from the addition of chlorine to form the biocidal active hypobromous acid. The reaction product has greater biocidal activity at significantly lower dosages than chlorine alone.

Wear protective eyewear, chemical-resistant coveralls over long-sleeved shirt, long pants, and chemical-resistant gloves and footwear when handling the concentrate and contacting treated process fluids.

For use with closed loading and transfer systems only.

For once through and recirculating cooling water applications your Nalco representative will be able to assist in selecting a suitable feed point.

DOSAGE: The dosage rate is proportional to the feed rate of the chlorine source. For best results feed:

0.85 kg ACTI-BROM 1338/1 kg chlorine gas or 0.82 kg ACTI-BROM 1338/10 kg 12% sodium hypochlorite

For pulp and paper applications.

In treating raw water & process water in pulp & paper mills Acti-Brom 1338 should be ratioed to chlorine dosage. Acti-Brom 1338 can be used in pulp & paper applications where the paper & paperboard may come into contact with food, at maximum usage level of 250 ppm in wood pulp or 5 ppm in process water.

Normal feed ratio is 3 to 20 grams Acti-Brom 1338 for every 10 grams of chlorine. Chlorine dosage should be determined according to normal practice.

Addition point is to the raw water intake prior to the filter house or economizer (i.e. dosage of chlorine or hypochlorite should be limited to provide no more than a 0.1 ppm free chlorine residual at the point just ahead of where the treated water enters the paper machine). Method of application should be via a positive displacement-metering pump. Feed is on a continuous basis.

Acti-Brom 1338 dosage is highly dependent upon the chlorine demand of a particular system. The maximum feed rates are 15 mg/L and 22 mg/L for cooling water and pulp and paper applications, respectively.

For Macrofouling Controlling Agent for zebra mussel control. For zebra mussel control, feed continuously during critical spawning periods for a period of 2-3 weeks (or until larvae are no longer detectable in system). Application periods at any industrial, utility or municipal plant intake stream(s) will typically be necessary in the spring, mid-summer and fall.

DOSAGE: The dosage rate is proportional to the feed rate of the chlorine source.

For best results feed:

0.85 kg Acti-Brom 1338/1 kg chlorine gas

or 0.82 kg Acti-Brom 1338/10 kg 12% sodium hypochlorite

The maximum feed rate of Acti-Brom 1338 would range between 10 to 15 mg/L, as product.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

This product is a mildly alkaline solution and should be handled with caution. In keeping with good hygiene practices, avoid eye and prolonged skin contact. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Wear suitable protective equipment. If in contact with skin or eyes, flush affected area with running water. If irritation persists, obtain medical attention.

FIRST AID:

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

DISPOSAL: For Porta-Feed System: 1. Close valve. 2. Arrange for return of Porta-Feed. For Other Containers: 1. Triple-or pressure-rinse the empty container. Add the rinsings to the treatment site. 2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. 3. Make the empty container unsuitable for further use. 4. Dispose of the container in accordance with provincial requirements. 5. For information on disposal of unused, unwanted product, contact the Provincial Regulatory Agency or the manufacturer. Contact the Manufacturer and the Provincial Regulatory Agency in case of spill and for cleanup of spills.

ENVIRONMENTAL HAZARDS: **Toxic** to aquatic organisms. DO NOT discharge effluent containing this product or the biocide produced into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters unless the effluent has been detoxified by suitable means..

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

FOR FOOD PLANTS AND OTHER INDUSTRIAL USES ONLY.

TDG Shipping Name: PRODUCT IS NOT REGULATED DURING TRANSPORTATION

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