

2019-1399
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ACTI-BROM 1318

CHLORINE ENHANCER

LIQUID

COMMERCIAL

READ THE LABEL BEFORE USING

REGISTRATION NO.: 27759
PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

ACTIVE INGREDIENT: Sodium Bromide.....42.8%

NET CONTENTS:

Nalco Canada ULC.
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 1318 is an inorganic bromine salt solution. Product as drummed is not a microbiocide. Acti-Brom 1318 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 1318/1 kg chlorine gas
or 0.82 kg Acti-Brom 1318/10 kg 12% sodium hypochlorite.

For cooling water and pasteurizer water applications (including brewery pasteurizers)

For Food plants.

Refer to the dosage above.

For Pulp and Paper Applications

In treating raw water & process water in pulp & paper mills Acti-Brom 1318 should be ratioed to chlorine dosage. This product is not to be used in the production of paper or paperboard that comes in contact with food.

Normal feed ratio is 3 to 20 grams Acti-Brom 1318 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.

For Cooling Water, Pasteurizers and Pulp and Paper Applications

Acti-Brom 1318 dosage is highly dependent upon the chlorine demand of a particular system. The maximum feed rates are 15 mg/L for cooling water and pasteurizers, and 22 mg/L for pulp and paper applications.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

Acti-Brom 1318 is a mildly alkaline solution and should be handled with caution. Do not get in eyes. Avoid contact with skin and with clothing. Do not take internally.

FIRST AID:

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.

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 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.

Take container, label or product name and Pest Control Product registration number with you when seeking medical attention

TOXICOLOGICAL INFORMATION:

Treat Symptomatically.

DISPOSAL:

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 rinsings to the treatment site. 2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. 3. Dispose of the container in accordance with provincial requirements. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up 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.

The requirements of applicable laws should be determined before using the product.

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.

TDG Shipping Name: PRODUCT IS NOT REGULATED DURING TRANSPORTATION