

CONTROLBROM CB70

CHLORINE ENHANCER AND EXTENDER

COMMERCIAL
Slimicide
Solution

READ THE LABEL BEFORE USING

REGISTRATION NO.: 29971
PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

ACTIVE INGREDIENT: Sodium Bromide30.0%

Net Contents: 26 kg - bulk

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:

CONTROLBROM CB70 is a source of free and stabilized bromine when applied to commercial or industrial water systems treated using chlorination. Product as drummed is not a microbiocide. Use of this product as directed results in 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.

RECIRCULATING COOLING WATER SYSTEMS

When used as directed, ControlBrom CB70 is an effective treatment for algal, bacterial, and fungal slime in industrial or commercial cooling water and influent water systems such as flow through filters and heat exchange water systems.

DOSAGE RATES:

ControlBrom CB70 can be dosed to cooling water systems using either of two different methods.

1. Dose ControlBrom CB70 to maintain a set concentration in the treated system.
2. Dose ControlBrom CB70 to a chlorine: sodium bromide mole ratio.

DOSE TO MAINTAIN PRODUCT CONCENTRATION

Dose ControlBrom CB70 to maintain 0.3 to 13 ppm of product within the system.

ControlBrom CB70 product dose may be controlled based on system blowdown (system bleed) or by linking product feed to a Nalco TRASAR® product controller.

Activate ControlBrom CB70 by adding chlorine gas, sodium hypochlorite, or other chlorine sources to achieve a 0.1 to 4 ppm oxidant residual (as Cl₂) in the system. Dose chlorine continuously or as needed to maintain control.

DOSE TO A CHLORINE: SODIUM BROMIDE MOLE RATIO

Activate ControlBrom CB70 at a 1:0.1 to 1:1 chlorine: sodium bromide mole ratio.

Apply 0.480 - 4.80 kg of ControlBrom CB70 / 1 kg of chlorine gas. Or, apply 0.608 - 6.08 kg of ControlBrom CB70 / 10 kg of sodium hypochlorite (12.5% available chlorine).

Dose activated ControlBrom CB70 to achieve a 0.1 to 4 ppm oxidant residual (as Cl₂) in the system. Dose continuously or as needed to maintain microbial control.

Specific dosage within the label rates of ControlBrom CB70 will vary depending on the operating characteristics of the system, the water chemistry and the severity of contamination.

ONCE-THROUGH COOLING WATER

When used as directed, CONTROLBROM CB70 effectively controls bacterial and fungal slime in once-through fresh water and seawater cooling systems. In the treatment of once-through systems activate CONTROLBROM CB70 with chlorine at a 1:0.1 to 1:1 chlorine: sodium bromide mole ratio.

DOSAGE RATES:

Apply 0.480 - 4.80 kg of ControlBrom CB70 / 1 kg of chlorine gas. Or, apply 0.608 - 6.08 kg of ControlBrom CB70 / 10 kg of sodium hypochlorite (12.5% available chlorine).

Dose activated ControlBrom CB70 to achieve a 0.1 to 4 ppm oxidant residual (as Cl₂) in the system. Dose continuously or as needed to maintain microbial control.

AIR WASHERS

When used as directed, CONTROLBROM CB70 effectively controls bacterial and fungal slime in industrial water scrubbing systems and air washers.

DOSAGE RATES:

CONTROLBROM CB70 can be dosed to air washers using either of two different methods.

1. Dose CONTROLBROM CB70 to maintain a set concentration in the treated system.
2. Dose CONTROLBROM CB70 to a chlorine: bromide ratio.

DOSE TO MAINTAIN PRODUCT CONCENTRATION

Dose CONTROLBROM CB70 to maintain 0.3 to 13 ppm product within the system.

CONTROLBROM CB70 product dose may be controlled based on system blowdown (system bleed) or by linking product feed to a NALCO TRASAR product controller.

Activate CONTROLBROM CB70 by adding chlorine gas, sodium hypochlorite, or other chlorine sources to achieve 0.1 to 4 ppm oxidant residual (as Cl₂) in the system. Chlorine can be dosed continuously or as needed to maintain control.

DOSE TO A CHLORINE: SODIUM BROMIDE MOLE RATIO

Activate CONTROLBROM CB70 with chlorine at a 1:0.1 to 1:1 chlorine: sodium bromide mole ratio.

Apply 0.480 - 4.80 kg of ControlBrom CB70 / 1 kg of chlorine gas. Or, apply 0.608 - 6.08 kg of ControlBrom CB70 / 10 kg of sodium hypochlorite (12.5% available chlorine). Dose activated ControlBrom CB70 to achieve a 0.1 to 4 ppm oxidant residual (as Cl₂) in the system. Dose continuously or as needed to maintain microbial control.

COOLING PONDS, CANALS AND LAGOONS

When used as directed, CONTROLBROM CB70 effectively controls bacterial and fungal slime in industrial cooling ponds, canals and lagoons.

DOSAGE RATES:

CONTROLBROM CB70 can be dosed to industrial cooling ponds, canals and lagoons using either of two different methods.

1. Dose CONTROLBROM CB70 to maintain a set concentration in the treated system.
2. Dose CONTROLBROM CB70 to a chlorine: sodium bromide mole ratio.

DOSE TO MAINTAIN PRODUCT CONCENTRATION

Dose CONTROLBROM CB70 to maintain 0.3 to 13 ppm product within the system.

CONTROLBROM CB70 product dose may be controlled based on system blowdown (system bleed) or by linking product feed to a NALCO TRASAR product controller.

Activate CONTROLBROM CB70 by adding chlorine gas, sodium hypochlorite, or other chlorine sources to achieve 0.1 to 4 ppm oxidant residual (as Cl₂) in the system. Chlorine can be dosed continuously or as needed to maintain control.

DOSE TO A CHLORINE: SODIUM BROMIDE MOLE RATIO

Activate CONTROLBROM CB70 with chlorine at a 1:0.1 to 1:1 chlorine: sodium bromide mole ratio.

Apply 0.480 - 4.80 kg of ControlBrom CB70 / 1 kg of chlorine gas. Or, apply 0.608 - 6.08 kg of ControlBrom CB70 / 10 kg of sodium hypochlorite (12.5% available chlorine). Dose activated ControlBrom CB70 to achieve a 0.1 to 4 ppm oxidant residual (as Cl₂) in the system. Dose continuously or as needed to maintain microbial control.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

ControlBrom CB70 is a mildly alkaline solution and should be handled with caution. May cause skin and eye irritation. May be harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles (or safety glasses) and rubber gloves when handling this product. For use in closed transfer and mixing systems only. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse.

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 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 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.

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 the rinsings to the treatment site. 2. Follow provincial instruction 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 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 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.

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.

Lot No.:

TDG Shipping Name: PRODUCT IS NOT REGULATED DURING
TRANSPORTATION