

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

CAUTION. HARMFUL IF SWALLOWED. 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 separately before reuse.

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 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.

(Instructions for non-refillable containers 5 gallons or less:)

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities.

EPA Reg. No. 1706-235

- 1706-CA-1 (CR) 1706-WA-1 (VW)
- 1706-CN-1 (BU) 68708-OK-1 (TU)
- 1706-IL-1 (BP) 1706-LA-2 (PL)
- 1706-LA-1 (GV) 1706-PA-1 (EL)
- 68708-TX-1 (SL) 68708-TX-3 (DS)
- 68708-WY-1 (EV) 73005-DE-1 (PN)

(Letters in () that match the prefix in batch number identify the establishment number.)

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

DIRECTIONS FOR USE

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

CONTROLBROM® CB70 is a source of free and stabilized bromine when applied to commercial or industrial water systems treated using chlorination. CONTROLBROM® CB70 contains halogen stabilizer that increases the persistence and lowers the volatility of active bromine and chlorine within the treated water.

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:bromide mole ratio.

DOSE TO MAINTAIN PRODUCT CONCENTRATION

Dose CONTROLBROM® CB70 to maintain 1 to 100 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 10.0 ppm oxidant residual (as Cl₂) in the system. Dose chlorine continuously or as needed to maintain control.



9323.85

ControlBrom® CB70

CHLORINE ENHANCER AND EXTENDER

Stabilized Bromine Generating Source
for use in Commercial and Industrial Water
Systems Utilizing Chlorination

Contains 46.6% available bromine

ACTIVE INGREDIENTS (wt %):

sodium bromide30.0%

OTHER INGREDIENTS.....70.0%

Total.....100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

If swallowed:

- Call a poison control center or a doctor immediately for treatment advice.
- DO NOT INDUCE VOMITING.
- Do not give anything to drink.

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- After at least 15 minutes of rinsing or after it is judged that nearly all of the contamination has been removed. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or a doctor immediately 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 center or a doctor for treatment advice.

If inhaled:

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

NOTE TO PHYSICIAN:

Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage. Have the MSDS and, if available, the product container or label with you when calling a poison control center or a doctor, or going for treatment.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Nalco Company
1601 West Diehl Road
Naperville, IL 60563-1198

CONTROLBROM® CB70 technology is covered by patents issued and pending.

DIRECTIONS FOR USE

DOSE TO A CHLORINE:BROMIDE RATIO

Activate CONTROLBROM® CB70 with chlorine at a 1:0.1 to 1:1 chlorine: bromide ratio. For each pound of chlorine gas apply 0.48 to 4.8 pounds (0.043 to 0.43 gallons) of CONTROLBROM® CB70. Or, for each gallon of sodium hypochlorite (12.5% available chlorine), apply 0.61 to 6.1 pounds (0.054 to 0.54 gallon) of CONTROLBROM® CB70.

Dose chlorine with CONTROLBROM® CB70 to achieve a 0.1 to 10.0 ppm oxidant residual (as Cl₂) in the system. Dose continuously or as needed to maintain microbial control. Specific dosage of CONTROLBROM® CB70 will vary depending on the operating characteristics of the system, the water chemistry and the severity of contamination. Consult your Nalco Company Representative and Product Bulletin for additional feeding and dosage instructions.

ONCE-THROUGH COOLING WATER

(Not for Use in California)

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:bromide ratio.

DOSAGE RATES:

For each pound of chlorine gas apply 0.48 to 4.8 pounds (0.043 to 0.43 gallons) of CONTROLBROM® CB70. Or, for each gallon of sodium hypochlorite (12.5% available chlorine), apply 0.61 to 6.1 pounds (0.054 to 0.54 gallon) of CONTROLBROM® CB70.

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PASTEURIZERS, RETORT SYSTEMS, AND AIR WASHERS

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

DOSAGE RATES:

CONTROLBROM® CB70 can be dosed to pasteurizers, retort systems and air washers using either of two different methods.

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COOLING PONDS, CANALS AND LAGOONS

(Not for Use in California)

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.

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Revised 04/07/2010

PRODUCT IS NOT REGULATED DURING TRANSPORTATION

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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This product is not flammable. However, in fires fueled by other materials 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.

(Instructions for non-refillable containers greater than 5 gallons:)

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Repeat this procedure two more times. Then offer for recycling, if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities.

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sodium bromide30.0%

OTHER INGREDIENTS.....70.0%

Total.....100%

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- Do not give anything to drink.

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- Call a poison control center or a doctor immediately for treatment advice.

If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
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If inhaled:

- Move person to fresh air.
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ONCE-THROUGH COOLING WATER

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If inhaled:

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(Not for Use in California)

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

DOSAGE RATES:

CONTROLBROM® CB70 can be dosed to pasteurizers, retort systems and 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 1 to 100 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 10.0 ppm oxidant residual (as Cl₂) in the system. Chlorine can be dosed continuously or as needed to maintain control.

DOSE TO A CHLORINE:BROMIDE RATIO

Activate CONTROLBROM® CB70 with chlorine at a 1:0.1 to 1:1 chlorine:bromide ratio. For each pound of chlorine gas apply 0.48 to 4.8 pounds (0.043 to 0.43 gallons) of CONTROLBROM® CB70. Or for each gallon of sodium hypochlorite (12.5% available chlorine), apply 0.61 to 6.1 pounds (0.054 to 0.54 gallon) CONTROLBROM® CB70.

Dose chlorine with CONTROLBROM® CB70 to achieve a 0.1 to 10.0 ppm oxidant residual (as Cl₂) in the system. Chlorine can be dosed continuously or as needed to maintain control.

COOLING PONDS, CANALS AND LAGOONS

(Not for Use in California)

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:bromide ratio.

DOSE TO MAINTAIN PRODUCT CONCENTRATION

Dose CONTROLBROM® CB70 to maintain 1 to 100 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 10.0 ppm oxidant residual (as Cl₂) in the system. Chlorine can be dosed continuously or as needed to maintain control.

DOSE TO A CHLORINE:BROMIDE RATIO

Activate CONTROLBROM® CB70 with chlorine at a 1:0.1 to 1:1 chlorine:bromide ratio. For each pound of chlorine gas apply 0.48 to 4.8 pounds (0.043 to 0.43 gallons) of CONTROLBROM® CB70. Or for each gallon of sodium hypochlorite (12.5% available chlorine), apply 0.61 to 6.1 pounds (0.054 to 0.54 gallon) CONTROLBROM® CB70.

Dose chlorine with CONTROLBROM® CB70 to achieve a 0.1 to 10.0 ppm oxidant residual (as Cl₂) in the system. Chlorine can be dosed continuously or as needed to maintain control.