## 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.

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). Them 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. 1706-235

EPA Est. No:
1706-CA-1 (CR) 1706- WA-1 (VW)
1706-CN-1 (BU) 1706- OK-1 (TU)
1706-IL-1 (BP) 1706-PA-1 (EL)
1706-LA-1 (GV) 73005 -DE-1 (PN)
1706-LA-2 (PA) 68708- TX-1 (SL)
68708 -WY-1 (EV) 68708-TX-3 (DS)

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

**NET CONTENTS SHOWN ELSEWHERE ON CONTAINER**

Revised 01/25/2008

Department of Agriculture
STATE OF HAWAII
LICENSED
PERIOD 2011-2013 LIC. NO.
9323.85

Department of Agriculture
STATE OF HAWAII
LICENSED
PERIOD 2014-2016 LIC. NO.

Department of Agriculture
STATE OF HAWAII
LICENSED
PERIOD 2008-2010 LIC. NO.

NALCO

# 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 bromide .....30.0%
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

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 $Cl_2$) in the system. Dose chlorine 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) of CONTROLBROM CB70.

Dose chlorine with CONTROLBROM CB70 to achieve a 0.1 to 10.0 ppm oxidant residual (as $Cl_2$) 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.