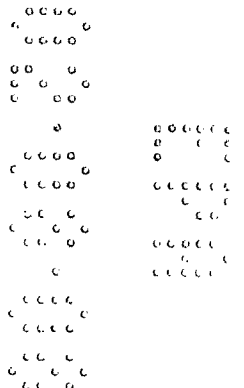


$$\frac{1}{3}$$


**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). Then 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

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

in EPA Letter Dated:

JAN 23 2008

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, registered under EPA Reg. No.  
1706-235

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

**NET CONTENTS SHOWN ELSEWHERE ON CONTAINER**

Revised 05/31/2007

**NALCO**  
**NALCO V04S0**

**CHLORINE ENHANCER AND EXTENDER**

Stabilized Bromine and Chlorine 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

NALCO V04S0 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.

NALCO V04S0 is a source of free and stabilized bromine when applied to commercial or industrial water systems treated using chlorination. NALCO V04S0 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, NALCO V04S0 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:**

NALCO V04S0 can be dosed to cooling water systems using either of two different methods.

1. Dose NALCO V04S0 to maintain a set concentration in the treated system.
2. Dose NALCO V04S0 to a chlorine:bromide mole ratio.

**DOSE TO MAINTAIN PRODUCT CONCENTRATION**

Dose NALCO V04S0 to maintain 1 to 100 ppm of product within the system. NALCO V04S0 product dose may be controlled based on system blowdown (system bleed) or by linking product feed to a NALCO TRASAR® product controller.

Activate NALCO V04S0 by adding chlorine gas, sodium hypochlorite, or other chlorine sources to achieve a 0.1 to 10.0 ppm oxidant residual (as Cl<sub>2</sub>) in the system. Dose chlorine continuously or as needed to maintain control.

**DOSE TO A CHLORINE:BROMIDE RATIO**

Activate NALCO V04S0 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 NALCO V04S0. 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 NALCO V04S0.

Dose chlorine with NALCO V04S0 to achieve a 0.1 to 10.0 ppm oxidant residual (as Cl<sub>2</sub>) in the system. Dose continuously or as needed to maintain microbial control.

Specific dosage of NALCO V04S0 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.

W/N

**ONCE-THROUGH COOLING WATER**  
(Not for Use in California)

When used as directed, NALCO V04S0 effectively controls bacterial and fungal slime in once-through fresh water and seawater cooling systems. In the treatment of once-through systems activate NALCO V04S0 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 NALCO V04S0. 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 NALCO V04S0.

Dose chlorine with NALCO V04S0 to achieve a 0.1 to 10.0 ppm oxidant residual (as  $\text{Cl}_2$ ) in the system. Dose continuously or as needed to maintain microbial control.

**PASTEURIZERS, RETORT SYSTEMS, AND AIR WASHERS**  
(Not for Use in California)

When used as directed, NALCO V04S0 effectively controls bacterial and fungal slime in brewery pasteurizers, retort systems, industrial water scrubbing systems and air washers.

**DOSAGE RATES:**

NALCO V04S0 can be dosed to pasteurizers, retort systems and air washers using either of two different methods.

1. Dose NALCO V04S0 to maintain a set concentration in the treated system.
2. Dose NALCO V04S0 to a chlorine:bromide ratio.

**DOSE TO MAINTAIN PRODUCT CONCENTRATION**

Dose NALCO V04S0 to maintain 1 to 100 ppm product within the system. NALCO V04S0 product dose may be controlled based on system blowdown (system bleed) or by linking product feed to a NALCO TRASAR® product controller.

Activate NALCO V04S0 by adding chlorine gas, sodium hypochlorite, or other chlorine sources to achieve 0.1 to 10.0 ppm oxidant residual (as  $\text{Cl}_2$ ) in the system. Chlorine can be dosed continuously or as needed to maintain control.

**DOSE TO A CHLORINE:BROMIDE RATIO**

Activate NALCO V04S0 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 NALCO V04S0. Or for each gallon of sodium hypochlorite (12.5% available chlorine), apply 0.61 to 6.1 pounds (0.054 to 0.54 gallon) NALCO V04S0.

Dose chlorine with NALCO V04S0 to achieve a 0.1 to 10.0 ppm oxidant residual (as  $\text{Cl}_2$ ) in the system. Chlorine can be dosed continuously or as needed to maintain control.

Revised 05/31/2007

**COOLING PONDS, CANALS AND LAGOONS**  
(Not for Use in California)

When used as directed, NALCO V04S0 effectively controls bacterial and fungal slime in industrial cooling ponds, canals and lagoons.

**DOSAGE RATES:**

NALCO V04S0 can be dosed to industrial cooling ponds, canals and lagoons using either of two different methods.

1. Dose NALCO V04S0 to maintain a set concentration in the treated system.
2. Dose NALCO V04S0 to a chlorine:bromide ratio.

**DOSE TO MAINTAIN PRODUCT CONCENTRATION**

Dose NALCO V04S0 to maintain 1 to 100 ppm product within the system. NALCO V04S0 product dose may be controlled based on system blowdown (system bleed) or by linking product feed to a NALCO TRASAR® product controller.

Activate NALCO V04S0 by adding chlorine gas, sodium hypochlorite, or other chlorine sources to achieve 0.1 to 10.0 ppm oxidant residual (as  $\text{Cl}_2$ ) in the system. Chlorine can be dosed continuously or as needed to maintain control.

**DOSE TO A CHLORINE:BROMIDE RATIO**

Activate NALCO V04S0 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 NALCO V04S0. Or for each gallon of sodium hypochlorite (12.5% available chlorine), apply 0.61 to 6.1 pounds (0.054 to 0.54 gallon) NALCO V04S0.

Dose chlorine with NALCO V04S0 to achieve a 0.1 to 10.0 ppm oxidant residual (as  $\text{Cl}_2$ ) in the system. Chlorine can be dosed continuously or as needed to maintain control.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JAN 23 2008

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.

1706-235

W/W