

1706-235

02/01/2006

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

1706-235

Date of Issuance:

Feb. 1, 2006

Term of Issuance: Conditional

Name of Pesticide Product:

Nalco V04S0

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Nalco, Co.
1601 West Diehl Road
Naperville, IL. 60563-1198

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to the use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Change EPA File symbol 1706-EGL to EPA Registration Number 1706-235.
3. Make heading First Aid larger in accordance with Label Review Manual guidance.
4. Submit one copy of the final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Emily H. Mitchell
Product Manager 32

Date:

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**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-xxx

EPA Est. No. 1706-XX-1

ACCEPTED
NET CONTENTS SHOWN ELSEWHERE ON CONTAINER
WITH COMMENTS
m EPA Letter Dated:

FEB - 1 2006

Revised Oct 27, 2005

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

NALCO
NALCO V04S0

CHLORINE ENHANCER AND EXTENDER

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

ACTIVE INGREDIENT (wt %):	
sodium bromide	30.0%
OTHER INGREDIENTS.....	70.0%
Total.....	100%

Contains 46.6% available bromine.

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 Dichl 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 Cl₂) 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% concentration), 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 Cl₂) 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 for
additional feeding and dosage instructions.

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