


NALCO®

4PC109

**DEPOSIT
CONTROL
CHEMICAL**

ACTIVE INGREDIENT

2, 2-Dibromo-3 nitrilopropionamide 20%

INERT INGREDIENTS

80

Weight Gallon 10.5 pounds

EPA Reg. No. 1706-137

SOLD BY

NALCO CHEMICAL COMPANY

6216 WEST 66TH PLACE

CHICAGO, ILLINOIS 60638

EPA est. 161-M1-1

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

DIRECTIONS:

NOTE: Add Nalco 4PC109 separately to the system. Do not mix it with other additives, in order to avoid decomposition of 4PC109 due to the high pH of many additive formulations.

For control of bacterial, fungal and yeast deposits in pulp, paper and paperboard mills, add Nalco 4PC109 at the rate of 0.114-0.384 pints/ton (0.15-0.50 lb/ton) of pulp or paper (dry basis). Addition may be continuous or intermittent, depending upon the type of system and the severity of contamination. Nalco 4PC109 should be added with a metering pump at a location that will insure uniform distribution in the mass of fiber and water, such as the beaters, Jordan inlet or discharge, broke chests, furnish chests, save alls and white water tanks.

Heavily fouled systems should be boiled out, then treated with 0.114-0.384 pints (0.15-0.50 pounds) of Nalco 4PC109 per ton of paper (dry basis) as necessary for control.

Moderately fouled systems should be treated continuously with 0.264-0.384 pints (0.35-0.50 pounds) of Nalco 4PC109 per ton of paper (dry basis) until the deposit accumulation is controlled. Addition rates can then be reduced to 0.114-0.264 pints/ton (0.15-0.35 lb/ton) of paper, on a continuous or intermittent basis, as needed for control. Dislodged slime deposits may cause breaks in the paper and a clean up of the machine may be advisable.

Slightly fouled systems should be treated continuously with 0.114-0.264 pints (0.15-0.35 pounds) of Nalco 4PC109 per ton of paper (dry basis) until the slime is controlled, then added on an intermittent basis to maintain control.

NOTE: This product is not to be used in the production of paper or paperboard that will come in contact with food.

Do not reuse container, destroy it when empty by burying it with waste or burning. Stay out of smoke or fumes.

This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, ponds, or public water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

FOR INDUSTRIAL USE ONLY

DANGER: KEEP OUT OF REACH OF CHILDREN. CAUSES SEVERE BURNS OF EYES. MAY BURN SKIN. MAY BE HARMFUL OR FATAL IF SWALLOWED.

Do not get in eyes on skin or on clothing. Wear goggles or face shield when handling.

FIRST AID: In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention. In case of skin contact, wash with soap and plenty of water. Wash contaminated clothing before reuse. If swallowed, induce vomiting by sticking finger down the throat or by giving soapy or strong salty water to drink. Repeat until vomit is clear. Call physician. Never give anything by mouth to an unconscious person.

WASH THOROUGHLY AFTER HANDLING THIS PRODUCT. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.