

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

DANGER. CORROSIVE. CAUSES SEVERE BURNS TO EYES. EYE CONTACT MAY CAUSE LOSS OF VISION. MAY BURN SKIN. MAY BE HARMFUL OR FATAL IF SWALLOWED. Do not get in eyes, on skin or on clothing. Chemical Worker's goggles must be worn when handling. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Apply this product only as specified on this label. Do not contaminate water by cleaning of equipment, or disposal of wastes. 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.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

STORAGE: To maintain product quality, store at temperatures below 60 deg. C. Keep container tightly closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities.

DIRECTION FOR USE

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

NOTE: ADD NALCON 7649 SEPARATELY TO THE SYSTEM. Do not mix it with other additives, in order to avoid decomposition of Nalcon 7649 due to high pH of many additive formulations.

INDUSTRIAL PRESERVATION

Nalcon 7649 may be used to reduce microbiological contamination in raw materials and/or products such as: aqueous paints and coatings, polymers, slurries, adhesives, latex and resin emulsions, sizing, caulk, and process water, along with specialty industrial products including inks, polishes, waxes, detergents & cleaners.

TO REDUCE MICROBIOLOGICAL CONTAMINATION

Adding Nalcon 7649 to the material or product at concentrations ranging from 125 to 2000 ppm by weight will typically provide effective reduction. This concentration is equivalent to 14 to 224 fluid ounces Nalcon 7649 per 1000 gallons or 107 to 1712 milliliters Nalcon 7649 per 1000 liters. In some instances lower levels of Nalcon 7649 may be effective. The required concentration will depend on the material being treated and the level of contamination present. Matrix effects that can impact the efficacious level of Nalcon 7649 are pH, organic load, exposure time and type of contamination. To determine the exact dosage for a given application you will need to test it within your own system.

Note: For preservative applications in coating formulations and in component slurries and emulsions used in the production of paper and paperboard and in coatings for paper and paperboard, dosage may not exceed 500 ppm product.



NALCON® 7649

CONTROLS THE GROWTH OF MICROORGANISMS IN INDUSTRIAL PRESERVATION APPLICATIONS INCLUDING BOTH RAW MATERIALS AND PRODUCTS (EMULSIONS, COATINGS, POLISHES, SIZINGS, CAULK, ADHESIVES, PIGMENT SLURRIES). CONTROLS BACTERIA, FUNGI AND YEASTS IN PAPER MILLS.

FOR INDUSTRIAL USE ONLY.

ACTIVE INGREDIENT:

2,2-Dibromo-3-nitropropionamide.....	20%
INERT INGREDIENTS.....	80%
TOTAL.....	100%

Weight/Gallon=10.6 pounds

**KEEP OUT OF REACH OF CHILDREN
DANGER**

FIRST AID

- **IF IN EYES:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
- **IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told by a poison control center or doctor.
- **IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
- **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or ambulances, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.
- **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.
- 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

NOTICE: DO NOT SHIP OR STORE WITH FOODS, FEEDS, DRUGS OR CLOTHING.

DIRECTIONS FOR USE (CONTINUED)

PAPERMILLS

For control of bacterial, fungal, and yeast deposits in pulp, paper, and paperboard mills, add Nalcon 7649 at the rate of 0.114 - 0.384 pints per 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. Nalcon 7649 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 per ton (0.15 - 0.50 lb/ton) of pulp or 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 Nalcon 7649 per ton of paper (dry basis) until the deposit accumulation is controlled. Addition rates can then be reduced to 0.114 - 0.264 pints per ton (0.15 - 0.35 lb/ton) of paper on a continuous or intermittent basis, as needed for control. Dislodged slime 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 Nalcon 7649 per ton of paper (dry basis) until the slime is controlled, then added on an intermittent basis to maintain control

LIQUID CONCENTRATES

DESCRIPTION: Nalcon 7649 is a preservative, which effectively inhibits the growth of microorganisms in emulsions, coatings, waxes, polishes, sizing, caulk, ink, adhesive, and pigment slurries.

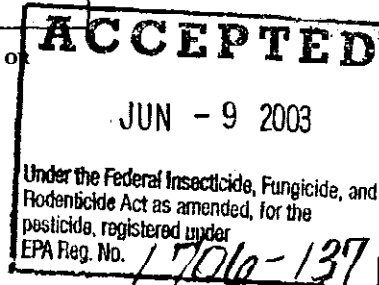
TYPICAL USE LEVELS: Laboratory testing and customer use shows Nalcon 7649 is typically effective when applied at concentrations shown below. The exact amount necessary for the preservation of any given formulation will depend on the components, storage time, temperature, etc., and can be determined by actual testing. All concentrations are based on the total formulation weight.

	EFFECTIVE CONCENTRATION
Latex Emulsions	0.05 - 0.8%
Adhesives	0.05 - 0.8%
Waxes, Polishes and Ink	0.05 - 0.4%
Pigment Slurries	0.04 - 0.9%
Aqueous Paints and Coatings	0.08 - 0.3%

EPA REG. NO. 1706-137 EPA EST. NO. 1706-PA-1

NET CONTENTS SHOWN ELSEWHERE ON CONTAINER

Ondeo Nalco Company
Ondeo Nalco Center
Naperville, IL 60563-1198
Emergency Phone No.: (800) 424-9300



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6/6/2003
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