



Product Bulletin

# NALCO<sup>®</sup> 73551

## *Soft Foulant Deposit Cleaner/Biodetergent*

### PRODUCT DESCRIPTION AND APPLICATION

NALCO 73551 is a nonionic compound used to remove and disperse "soft foulant" (biofilm-enmeshed mud, silt and clay) deposits in cooling water systems including cooling tower fill, condenser water-side tubes and tube-side heat exchangers. NALCO 73551 demonstrates superior cleaning action through a combination of chemical solubilization and physical scrubbing by entrained air bubbles. Once soft foulant aggregates are dislodged into the bulk fluid, NALCO 73551 prevents re-establishment of soft-foulant deposits.

NALCO 73551 may be powerful enough to use as a primary cleaner, but it should be complemented with biocide usage so that dislodged microbial populations are killed and not given any chance to re-establish on surfaces.

### PHYSICAL & CHEMICAL PROPERTIES

These properties are typical. Refer to the Material Safety Data Sheet (MSDS), SECTION 9, for the most current data.

Form	Liquid
Density	1.01 kg/l (8.425 lb/gal)
Specific Gravity at 25°C (77°F)	0.99 - 1.03
pH (neat)	6.6 -7.0
Freeze-Thaw Recovery	Complete
Flash Point	> 93°C (>200°F)
Odor	None
Freeze Point	-3°C (26°F)
Solubility in Water	Complete
Appearance	Light Yellow

### ACTIVE CONSTITUENTS

Active	Function
Blend of Nonionic Surfactants	Biodetergent

### REGULATORY APPROVALS

NALCO 73551 is not a biocide and does not need to be registered by the EPA as a pesticide.

Refer to the Material Safety Data Sheet (MSDS), SECTION 15 for the most recent information on approvals.

## MATERIALS OF COMPATIBILITY

Compatible	Not Compatible
Brass	Neoprene o-rings
Viton® synthetic rubber o-rings	Coated steel drum (phenolic, RCC*635)
Buna-N o-rings	304 Stainless Steel (RCC*9014)
Hypalon® elastomer o-rings	
Polyurethane o-rings	
EPDM o-rings	
Polyethylene piping (rigid)	
Polypropylene piping (rigid)	
CPVC piping (rigid)	
PORTA-FEED® Liner (RCC*9036)	
Blue Plastic Drum (HDPE, RCC*625)	
Plasite 4300 Liner (vinyl ester resin)	
Plasite 7122 Liner (epoxy phenolic)	

## DOSAGE AND FEEDING

The specific dosage of **NALCO 73551** will vary depending on the characteristics of your system and the Bio-Manage objective for your microbio control program. Your Nalco representative will recommend the optimum dosage for cost-effective control and results.

## ENVIRONMENTAL AND TOXICITY DATA

Canadian Food Inspection Agency (CFIA): Authorized use is under category W2 ("Will not come in contact with food products"). Refer to the Material Safety Data Sheet (MSDS), SECTIONS 11 and 12, for the most current data.

## SAFETY AND HANDLING

Handling: Avoid eye and skin contact. Do not take internally. Ensure all containers are labeled. Close containers when not in use. Refer to the Material Safety Data Sheet (MSDS), SECTIONS 3 and 8, for the most current data.

## STORAGE

**Storage Conditions:** Store containers closed. Ensure all containers are labeled. Close containers when not in use.

Refer to the Material Safety Data Sheet (MSDS), SECTION 7, for the most current data.

## REMARKS

If you need assistance or more information on this product, please call your nearest Nalco Representative. For more news about Nalco Company, visit our website at [www.nalco.com](http://www.nalco.com).

For **Medical and Transportation Emergencies** involving Nalco products, please see the Material Safety Data Sheet for the phone number.

## **ADDITIONAL INFORMATION**

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