

NALCO® 7330

Cooling Water Treatment Biocide



Product Bulletin

PRODUCT DESCRIPTION AND APPLICATION

NALCO 7330 is a broad-spectrum, nonoxidizing biocide approved for use in recirculating cooling towers, closed loop cooling systems, air washers and brewery pasteurizers.

PHYSICAL & CHEMICAL PROPERTIES

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

Form:	Liquid
Color:	Pale Yellow to Green
Odor:	Mild
Solubility In Water:	Complete
Density:	8.6 lb/gal
Specific Gravity:	1.03
pH (Neat):	3.0-5.0
Freeze-Thaw Recovery:	Complete
Freeze Point:	-4°C (25°F)
Flash Point (PMCC):	None (TCC)

ACTIVE CONSTITUENTS

Component	Function
5-chloro-2-methyl-4-isothiazolin-3-one	Biocide
2-methyl-4-isothiazolin-3-one	Biocide

REGULATORY APPROVALS

NALCO 7330 must be applied according to appropriate national and local regulations.

NALCO 7330 is registered for use in the United States. As with all biocides applied in the United States, **NALCO 7330** is regulated by the U.S. EPA under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). It is a violation of federal law to use this product or any biocide in a manner inconsistent with its product label.

U.S. EPA Registration Number 1706-153 is approval for NALCO 7330 use in:

Industrial Cooling Tower Systems and Process Water Systems

Industrial Recirculating Closed Loop Water Cooling Systems

Air Washer Systems and Brewery Pasteurizers

Pulp and paper mill influent water systems (but note this use is not currently authorized in California)

NALCO 7330 is registered for use in Canada. The federal legislative authority for the regulation of pesticides in Canada is the Pest Control Products Act. As with all biocides applied in Canada, the use of **NALCO 7330** is subject to Federal regulation and regulation under provincial/territorial authority. The Pest Management Regulatory Agency (PMRA) administers the *Pest Control Products Act* (PCPA) for the federal Minister of Health.

Canadian PCPA Registration Number 17338 is approval for NALCO 7330 use in:

Industrial Recirculating Cooling Water Systems

Industrial Process Water Systems.

This control product is to be used only in accordance with the directions on the product label. It is an offense under the *Pest Control Products Act* to use a control product under unsafe conditions.

Please refer to the product label (U.S. or Canadian) for specific directions of use (including initial dosage and subsequent dosages, and other detailed, product-specific information). Product labels can be accessed in the Nalco EH&S (Environmental Health and Safety) database.

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

MATERIALS OF COMPATIBILITY

Compatible	Not Compatible
Buna-N	Aluminum
Hypalon	Brass
Plasite 4005	Carbon Steel
Polyethylene	Neoprene
Polyvinyl chloride (PVC)	Nickel
Stainless Steel 316L	Plasite 6000
Teflon	Plasite 7122
Vinyl Tubing	Stainless Steel 304

DOSAGE AND FEEDING

NALCO 7330 should be fed via a closed feed system (a closed feed system being defined as a system in which fluid is moved from a closed storage vessel into a treated media without exposure to the atmosphere). For complete dosage and feeding recommendations, consult your Nalco sales engineer.

ENVIRONMENTAL AND TOXICITY DATA

Biological Oxygen Demand (5-day BOD5)	Not Available
Chemical Oxygen Demand (COD)	20,000 ppm
Total Organic Carbon (TOC)	7,850 ppm

Refer to the Material Safety Data Sheet (MSDS), SECTIONS 11 and 12, for the most current data.

SAFETY AND HANDLING

NALCO 7330 is a **CORROSIVE MATERIAL** that may cause allergic skin reactions. Refer to the Material Safety Data Sheet (MSDS), SECTIONS 3 and 8, for the most current data.

STORAGE

The recommended in-plant storage limit for **NALCO 7330** is six months.

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 www.Lenntech.com.

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

ADDITIONAL INFORMATION

NALCO and the Logo are registered trademarks of Nalco Company (11-04-2008)

Subsidiaries and Affiliates in Principal Locations Around the World

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