

NALCO[®] 71D5 PLUS

Oil-Based Antifoam



Product Bulletin

PRODUCT DESCRIPTION AND APPLICATION

NALCO 71D5 PLUS is a multipurpose hydrocarbon-based antifoam for use in industrial waste treatment, cooling tower, and process applications. **NALCO 71D5 PLUS** offers a stabilization package to lower the cloud point, improve stability at lower temperatures, and provide better freeze-thaw recovery. **NALCO 71D5 PLUS** is effective over a broad pH range and rapidly reduces foam.

PHYSICAL & CHEMICAL PROPERTIES

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

Form:	Liquid
Color:	Clear to light yellow
Odor:	Hydrocarbon
Density:	7.0 lb/gal (12.0 Kg/L)
Specific Gravity:	0.84 @77°F (25°C)
Precipitation Point:	55-60°F (13-16°C)
Pour Point:	-50°F (-45°C)
Flash Point:	197°F (92°C)
Viscosity (Neat)	
#2 Spindle, 30 rpm:	30 cps @ 77°F (25°C)
VOC:	75.8%
Vapor Pressure	5.1 mm Hg @ 100°F (38°C)

ACTIVE CONSTITUENTS

Mineral oil

REGULATORY APPROVALS

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

NALCO 71D5 PLUS is **not approved** for use in potable water treatment

MATERIALS OF COMPATIBILITY

Compatible

Brass
Coated steel drum(phenolic, RCC635)
Plasite 4300
Plasite 4005
Plasite 6000
Plasite 7122
Polyurethane
PVC, CPVC
Stainless steel 304
Stainless steel 316
Polyethylene (rigid)
Polypropylene (rigid)
Fluoropolymer
Viton® synthetic rubber
Buna-N

Not Compatible

Aluminum
Carbon steel
EDPM
Hypalon
Neoprene
Polyethylene(tubing)
Polypropylene(tubing)
Vinyl

Testing was completed as per ASTM standard methodology.
Should actual conditions vary from test conditions, compatibility may not be accurate.

DOSAGE AND FEEDING

As with all antifoams and defoamers, dosages will vary by the application and by current conditions. On-site performance evaluations are necessary to ensure accurate and optimum product selection and performance. Typical dosages are in the 5-100 ppm range.

ENVIRONMENTAL AND TOXICITY DATA

Refer to the product's Material Safety Data Sheet, SECTIONS 11 and 12, for all aquatic and mammalian information.

SAFETY AND HANDLING

As with any chemical, **NALCO 71D5 PLUS** should be handled with responsible care. Ensure compliance with all local/plant safety & handling requirements. Refer to the Material Safety Data Sheet (MSDS), SECTIONS 3 and 8, for the most current data.

STORAGE

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

Keep containers closed and protect from frost. **NALCO 71D5 PLUS** will start to precipitate at temperatures below 13-15.5°C (55-60°F). This may cause the formation of deposits. The product is recoverable at room temperature (21°C, 70°F). Store the product at room temperature and mix the product at 21°C (70°F) if deposits are observed. Freezing will not impair the product if it is properly reconstituted by agitating at room temperature. Low temperatures should be avoided since viscosity increases and pumping problems can occur. Shelf life for **NALCO 71D5 PLUS** is up to 24 months at temperatures above freezing (-22°F, -30°C).

Store separately from alkaline products and strong oxidising agents such as chlorine.

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 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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