

# NALCO® TRAC109

Closed System Treatment



## PRODUCT DESCRIPTION AND APPLICATION

**NALCO TRAC109** is a liquid, nitrite-based chemical treatment used for the control of corrosion in closed cooling systems.

This product is designed to protect both mild steel and copper based alloys from corrosion.

**NALCO TRAC109** can be easily monitored using Nalco's TRASAR technology.

## PHYSICAL & CHEMICAL PROPERTIES

Form	Liquid
Color	Clear to light yellow
Odor	None
Density	1.34 kg/L (11.18lb/gal)
Specific Gravity @25°C	1.34
pH (Neat)	12 – 14
Solubility in Water	Complete
Freezing Point	-25°C
Flash Point (PMCC)	None
Boiling Point	106°C

NOTE: These physical properties are typical values for this product. Please refer to the Material Safety Data Sheet (MSDS) for the most current data and complete information.

## ACTIVE CONSTITUENTS

Ingredients are considered proprietary. See the MSDS for information on regarding hazardous components.

## REGULATORY APPROVALS

**NALCO TRAC109** is intended for industrial use only. It *should not* be fed to potable water systems.

Please refer to the MSDS, SECTION 15, for the most recent information on approvals.

## MATERIALS OF COMPATIBILITY

### Compatible

Brass	Polyethylene
Buna-N	Polypropylene
EPDM	Polyvinyl chloride
HDCL	Stainless Steel 304
Hypalon	Stainless Steel 316
Mild Steel	Teflon
Neoprene	Vinyl
Plasite 4300	Viton
Plasite 7122	

### Not Compatible

Derakane 307	Polyurethane
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See your local Nalco representative for compatibility information.

## DOSAGE AND FEEDING

The dosage of **NALCO TRAC109** will vary depending on the operating characteristics of your system.

For complete dosage, feeding points and feeding equipment, consult your Nalco representative.

## ENVIRONMENTAL AND TOXICITY DATA

- Biological Oxygen Demand (5-day BOD5)  
1,300 ppm

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- Chemical Oxygen Demand (COD)  
82,000 ppm
  - Total Organic Carbon (TOC)  
7,200 ppm

Please refer to the MSDS, SECTIONS 11 and 12, for the most current data.

## SAFETY AND HANDLING

**NALCO TRAC109** is an alkaline product which may cause eye or skin irritation. Chemical resistant gloves and safety goggles should be worn when handling **NALCO TRAC109**.

Read SECTION 8 of the MSDS for specific personal protective equipment (PPE) and SECTION 3 for health effects information.

Please refer to the MSDS, SECTIONS 3 and 8, for the most current data.

## STORAGE

**NALCO TRAC109** contains a reportable quantity substance (RQ). All storage vessels of **NALCO TRAC109** should be in secondary

containment if the storage capacity exceeds the RQ of 240 pounds (109 kgs).

**NALCO TRAC109** should be stored in a location where the product temperature can be kept in a range between –1°C] and 49°C . In cold climates, heat tracing and insulation of exposed containers and transfer lines may be necessary.

Recommended in-plant storage limit is one year.

Please refer to the 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.