



NAMI GOSTAR

Anti-Corrosion & Sedimentation of exchangers, tanks & water Transmission lines

N-301/R2 Equivalent . NALCO 354

Product Name:

Anti-corrosion and sedimentation
of exchangers, tanks and water
transmission lines

Product Code:

N-301/R2



Appearance:

Clear, colorless viscous liquid



Applications:

Used in steam generation boilers



Packaging type:

Packaged and shipped in 20, 60 and 200
kg gallons or at the customer's request



Amount of use:

Determined according to the analysis of
the water entering the exchanger and
the specifications of the exchanger



Mechanism of operation:

- Flocculation of water entering the boiler and prevention of sedimentation
- Removal of dissolved oxygen in water entering the boiler and prevention of corrosion
- Creation of a protective surface against corrosion (surface nitrification)
- Adjustment of the pH of water entering the exchanger
- Reduction of the amount of carry over



Safety considerations

- Avoid mixing with other chemicals without coordination with the manufacturer.
- Avoid storing near strong oxidants.
- In case of contact with the body, rinse with plenty of water



Conditions of use

- Dilution in soft water
- The general amount of injection is 300 mg per liter.



NAMI GOSTAR

Technical Data Sheet

Anti-corrosion & sedimentation of exchangers, tanks and water transmission lines N-301/R2 Equivalent .NALCO 354

Features and Benefits

Corrosion protection over a wide range of temperatures and pH*Prevents deposits from forming on the internal surfaces of the system*Removing old deposits over time*Adjusting the pH of the water entering the system.

Storage and transportation

It is recommended to use the same original packaging containers to store and transport the solution, and to store the product in a cool, dry place away from direct sunlight and protected from freezing.

General Information

N-301 A high scale and corrosion inhibitor.

This product is designed to improve the performance of boilers and circulating systems and protects these systems well against corrosion and deposits. This product, based on multiple phosphates and ligand compounds, suspends and traps sediments in the water and prevents the formation of sediment on the walls of the system. Also, by having multiple anti-corrosion compounds, it protects the types of metals used in the system from corrosion and the formation of galvanic cells in different ways.

Health information

Use appropriate gloves and gown when using.

In case of contact with skin or eyes, wash the area with plenty of water and consult a doctor if necessary.

Technical support

Nami Gostar Chemical Company is ready to provide product support in person or in person if you need advice.

Method of use

It is recommended to inject the solution at a rate of 1000 grams per cubic meter for the initial charge, based on the total water in the system. In subsequent charges, the consumption rate is 300 grams per cubic meter based on the additive water. It is also recommended to use a dosing pump for more accurate material injection.

Packaging

This product is available in 20, 60 liter gallons or 1000 liter tanks and in other packaging weights upon customer request.

Typical physical properties

Appearance	Clear viscous liquid
Solubility in water	soluble
Solubility in hydrocarbons	Insoluble
pH at 25°C	10-11
pH Solution 1%	7-8
Density g/cm ³	1.02-1.06
Flash point °C	Non-flammable