



NAMI GOSTAR

Acidic Antiscalant (AN-100)

Product Name:

Acidic antiscalant

Product Code:

AN-100/RO



Appearance:

Clear yellowish solution

Applications:

In RO membrane filters



Packaging type:

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



Safety considerations

Wear appropriate gloves, gowns, and
masks when using.

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



Mechanism of operation:

This product, which is based on polycationic phosphates and antiscalant salts, protects the filters from any clogging, blockage, and reduced efficiency by affecting the ions that are prone to forming deposits on membrane filters.



Amount of use:

The recommended dosage for this product is between 10 - 15 ppm per water entering the system. The actual amount for the correct injection rate will be determined based on field conditions and reverse osmosis membrane conditions.



Conditions of use

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.



Technical Data Sheet

Acidic antiscalant AN-100

General Information

AN-100 Antiscalant is formulated to provide high performance in preventing scale formation in reverse osmosis systems. Based on polycationic phosphates and antiscalant salts, this product protects the filters from any clogging, blockage and reduced efficiency by affecting ions that are prone to scale formation on membrane filters.

Features and Benefits

Suspends and solubilizes compounds prone to sedimentation range of temperatures and pH.

Prevents blockage of the membrane micropores and reduces system efficiency.

Dissolving old deposits on reverse osmosis membranes and increasing efficiency.

Adjusting the pH of the water entering and leaving the system.

Method of use

The recommended dosage for this product is between 10 - 15 ppm per water entering the system. The actual amount for the correct injection rate will be determined based on field conditions and reverse osmosis membrane conditions.

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.

Health information

Wear appropriate gloves, gowns, and masks 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 any advice

Packaging

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

Typical physical properties

Appearance	Clear yellowish solution
Solubility in water	soluble
Solubility in hydrocarbons	Dispersible
pH at 25oC	3-5
pH Solution 1%	6-7
Density g/cm ³	1.1-1.15
Flash point oC	Non-flammable