



Aquatreat® AR 708

Cost-effective calcium carbonate inhibitor and dispersant for industrial water systems

AQUATREAT AR 708 phosphinocarboxylic acid is a multifunctional additive specially designed to enhance industrial water treatment systems by providing dispersancy and inhibiting calcium carbonate scale formation.

Benefits

AQUATREAT AR 708 phosphinocarboxylic acid:

- Provides calcium carbonate, barium sulfate, silicate and iron oxide dispersancy
- Offers superior control of barium sulfate scales (BaSO₄)
- Is FDA approved for use in applications where steam may contact food – FDA 21 CFR 173.310

Applications

AQUATREAT AR 708 phosphinocarboxylic acid can be used in a variety of formulations aimed at enhancing performance of:

- Cooling towers
- Boiler systems
- Food plants
- Oilfield

Technical property	Typical values
Solid content	47 – 53%
pH	3.5 – 4.5
Residual acrylic acid	<0.1%
Specific gravity	1.20 – 1.28
Appearance	Pale, colorless to yellow liquid
Freezing point	-1°C to -3°C
Flash point	100°C to 103°C
Solubility	Soluble in water, ethylene glycol, in 50% NaOH

Usage

Typical use levels are 10-50 ppm active polymer. The exact end use level depends upon the specific application conditions for which the polymer is used.

Packaging / weight

AQUATREAT AR 708 phosphinocarboxylic acid is supplied in:

- 525-pound drums
- 2750-pound IBC

Storage and handling

For complete information on how to handle and store AQUATREAT AR 708 phosphinocarboxylic acid, please request a product Safety Data Sheet by contacting Nouryon customer service in North America at 1-800-906-9977.



Contact us directly for detailed product information and sample requests.

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About Nouryon

We are a global specialty chemicals leader. Markets worldwide rely on our essential chemistry in the manufacture of everyday products such as paper, plastics, building materials, food, pharmaceuticals, and personal care items. Building on our nearly 400-year history, the dedication of our 10,000 employees, and our shared commitment to business growth, strong financial performance, safety, sustainability, and innovation, we have established a world-class business and built strong partnerships with our customers. We operate in over 80 countries around the world and our portfolio of industry-leading brands includes Eka, Dissolvine, Trigonox, and Berol.

For more information visit surfacechemistry.nouryon.com

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