



Aquatreat® AR 707

Scale inhibitor and dispersant for industrial treatment water systems

AQUATREAT AR 707 is a sulfonated copolymer that helps formulators create efficient, high-performing calcium phosphate, polyphosphate, and zinc-based water treatment formulations. It also provides formulators with additional functionalities such as dispersancy, corrosion protection, and stabilization.

Benefits

AQUATREAT AR 707 sulfonated copolymer enables:

- Calcium phosphate stabilization and phosphate inhibition/dispersancy
- Calcium carbonate inhibition
- Zinc stabilization
- Low to moderate mild steel corrosion protection
- Compatibility with halogen and calcium
- Approved under 21 CFR 175.170 – paper/paperboard – fatty foods
- Approved under 21 CFR 176.180 – paper/paperboard – dry foods

Applications

AQUATREAT AR 707 sulfonated copolymer 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	50 – 53%
pH	2 – 3
Viscosity	250 – 550 cps
Residual acrylic acid	<0.1%
Specific gravity	1.21 – 1.26
Appearance	Clear to slightly turbid, white to yellow liquid
Freezing point	-12°C to -30°C
Solubility	Miscible in ethylene glycol, water and methanol

Usage

Please consult with your Nouryon technical support representative to define ideal dosage suggested for your systems.

Packaging / weight

AQUATREAT AR 707 sulfonated copolymer is supplied in:

- 525-pound drums
- 2750-pound IBC

Storage and handling

For complete information on how to handle and store AQUATREAT AR 707 sulfonated copolymer, 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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