



## Water Treatment Product Portfolio

Product	Composition	Total solids (%)	pH	Mw	Features
<b>Specialty polymers</b>					
Versaflex® Si	Confidential	42	5.5	–	Silica/ Mg silicate scale control
Aquatreat® AR-888	Patented copolymer	41	3.0	–	Calcium carbonate scale control in high LSI water with extremely low toxicity (low free monomer) polymer
Versaflex® ONE	Patented copolymer	40	4.5	–	Multiple scale control in high LSI water
<b>Sulfonated copolymers</b>					
Versa® TL-4	Sulfonated maleic copolymer	25	7.0	25,000	Calcium phosphate scale and iron deposit control, for use in high pressure boilers
Aquatreat® AR-540	Unique sulfonated copolymer	44	4.3	10,000	Calcium phosphate scale and iron deposit control, zinc stabilization and provides system cleaning, for use in intermediate pressure boilers
Versaflex® 310	AA/AMPS®	48	3.0	9,900 min	Low free monomer calcium phosphate scale inhibitor that meets 21 CFR 173.310 and 21 CFR 176.170
Versaflex® 310-37	AA/AMPS®	37	5.0	9,900 min	Low free monomer calcium phosphate scale inhibitor that meets 21 CFR 173.310 and 21 CFR 176.170
Aquatreat® AR-545	AA/AMPS®	44	4.6	5,000	Calcium phosphate scale and iron deposit control; zinc stabilization, for use in low pressure boilers
<b>Hybrid polymers</b>					
Aquatreat® HP-250	Polysaccharide with acrylic acid	40	5.0	–	Sustainable general purpose antiscalant/ dispersant
Aquatreat® HP-365	Polysaccharide with maleic acid and acrylic acid	45	5.5	–	Sustainable general purpose antiscalant/ dispersant
<b>Phosphinocarboxylic acid</b>					
Aquatreat® AR-707	Sulfonated phosphinocarboxylic acid	51.5	2.5	–	Calcium phosphate and barium sulfate inhibition
Aquatreat® AR-708	Phosphinocarboxylic acid	50	4.0	–	Calcium carbonate inhibition, meets 21 CFR 173.310
<b>Maleic polymers</b>					
Aquatreat® AR-980	Maleic copolymer	41	6.4	2,800	Extreme calcium carbonate scale conditions, meets 21 CFR 176.170
Aquatreat® AR-978	Maleic copolymer	42	5.0	4,500	Barium sulfate scale inhibitor
Aquatreat® AR-802	Maleic homopolymer	50	< 2.0	800	Calcium carbonate scale inhibitor

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<b>Speciality homopolymers</b>					
Aquatreat® AR-232	Sodium polymethacrylate	30	8.5	9,500	Boiler water dispersant, meets 21 CFR 173.310
Aquatreat® AR-963C	Polyacrylic acid	63	2.6	2,000	Meets 21 CFR 173.310
Aquatreat® AR-921A	Polyacrylic acid	50	2.6	3,000	Calcium sulfate scale inhibitor, meets 21 CFR 173.310
Aquatreat® AR-4	Polyacrylic acid	25	2.1	60,000	Boiler water dispersant, meets 21 CFR 173.310

### Homopolymers

Aquatreat® AR-602A	Polyacrylic acid	50	2.9	4,500	General purpose antiscalant/ dispersant
Aquatreat® AR-602	Sodium polyacrylate	45	7.5	4,500	General purpose antiscalant/ dispersant, meets 21 CFR 173.310 and 21 CFR 176.170
Aquatreat® AR-900A	Polyacrylic acid	50	2.9	2,600	General purpose antiscalant/ dispersant, meets 21 CFR 173.310 and 21 CFR 176.170
Aquatreat® AR-940	Sodium polyacrylate	40	8.3	2,600	General purpose antiscalant/ dispersant, meets 21 CFR 173.310 and 21 CFR 176.170

### Non-polymer water treatment products

Aquamet® M	Dimethyl dithiocarbamate	40	12.5	–	Metal precipitant
Aquamet® T	Trithiocarbamate	25	13 min.	–	Metal precipitant
Duomeen® OL	Oleic acid	100	10	–	Filming amine for corrosion control
Ethylan® TB 345	Blocked EO/PO copolymer	100	10	–	Inherently biodegradable anti-foam

Contact us directly for detailed product information and sample requests.

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