

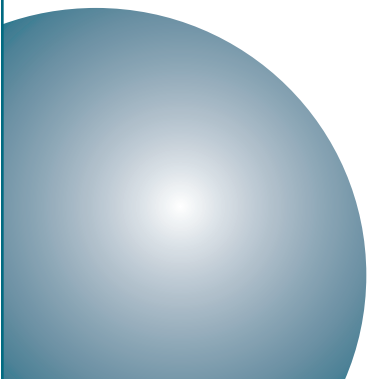
Performance Polymers

Flexisperse specialty acrylics



Applications

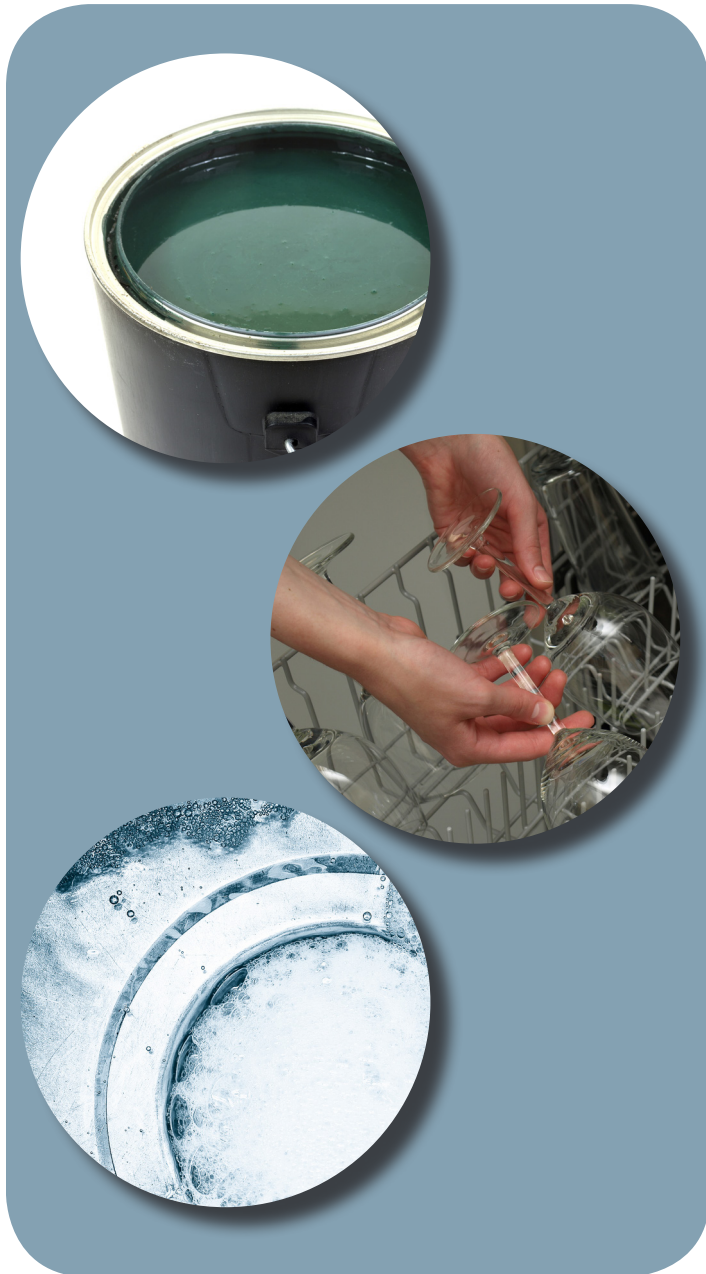
- Scale inhibition
- Rheology modification
- Dispersion optimization
- Resoil protection



Surface Chemistry. Intelligently Applied...

Surfaces are all around us. ICT Surface Chemistry can make them better through innovation that works, with the right products that bring real value. Rely on ICT chemistry know-how for support that works to solve problems and open opportunities, and technology that works for manufacturing and control systems that produce reliably consistent products.

More than a chemical supplier, ICT supplies surface chemistry, intelligently applied...for your products.



Innovation that Works

Innovation, intelligently applied, is the keystone in everything we do. ICT innovative products make surfaces work better. Flexipel™ fluoropolymer repellents and soil release agents, keep surfaces dry and cleaner longer. Flexisurf™ and Flexiwet™ alkyl and fluoroalkyl surfactant wetting agents and specialty foamers perform under conditions where conventional surfactants fall short. Flexiclean™ formulated solutions and dilutable concentrates simplify production and packaging while delivering best of class performance. Flexisperse™ polymer technology creates wettable surfaces, suspends solids, inhibits scale, thickens and foams. Innovation makes the difference in creating smarter and responsible solutions for real value in new chemical applications that work.

Chemistry that Works

Chemistry, intelligently applied, is more than just picking from a list of ingredients in a supplier's catalog. Product development that creates products with a distinguishing difference comes from knowing how to combine unique ingredients for differentiated product performance. ICT chemistry experience means responsive product and application support where true chemistry know-how brings out the very best in technical support that you can put to work.

Technology that Works

Technology, intelligently applied, is building reliable systems for developing responsible products and processes that deliver consistent high quality with reliability in supply and delivery. ICT customers profit from technology that works for them, in markets that include paints and coatings, personal care, household and institutional, industrial, textile, agriculture, mining, automotive and aerospace. Whatever your market, put ICT technology to work...for you.

...Making Surfaces Better.

Performance Polymers

Product Data Summary

Polyacrylic Acids					
Products	Solids	Molecular weight	pH	Description	Application
Flexisperse 300	48%	3000	3.0	Partially neutralized PAA	General purpose antiscalant/dispersant
Flexisperse 300N	43%	3000	7.0	Sodium neutralized PAA	General purpose antiscalant/dispersant
Flexisperse 350N	40%	3500	4.0	Sodium neutralized PAA	General purpose antiscalant/dispersant
Flexisperse 450	50%	4500	3.5	Partially neutralized PAA	Anti-Redeposition agent
Flexisperse 450N	45%	4500	7.0	Sodium neutralized PAA	Anti-Redeposition agent
Flexisperse 450ND	88%	4500	7.0	Sodium neutralized PAA	Anti-Redeposition agent
Flexisperse 1000	48%	10000	3.0	Partially neutralized PAA	Anti-Redeposition agent
Flexisperse 1000N	41%	10000	7.0	Fully neutralized PAA	Anti-Redeposition agent

Polymethacrylic Acids					
Products	Solids	Molecular weight	pH	Description	Application
Flexisperse 225	25%	9000	9.0	Sodium neutralized PMAA	General purpose antiscalant/dispersant
Flexisperse 250	30%	5000	8.0	Sodium neutralized PMAA	Dispersant for thermally stressed conditions

Polyacrylic/Maleic Acids					
Products	Solids	Molecular weight	pH	Description	Application
Flexisperse 835	40%	3000	6.5	Acrylic/maleic	Unique hypochlorite stability
Flexisperse 845	40%	6000	5.0	Acrylic/maleic	Sulfate scale inhibitor
Flexisperse 875	35%	70000	7.0	Acrylic/maleic	Calcium sequestration and binding
Flexisperse 880	40%	6000	5.0	Acrylic/maleic	Severe scaling and electrolyte conditions

Sulfonated Copolymers					
Products	Solids	Molecular weight	pH	Description	Application
Flexisperse 735	32%	20000	4.5	Acrylic/sulfonate	Anti-filming for auto dishwasher
Flexisperse 740	36%	5000	4.5	Acrylic/sulfonate	Anti-scale stability in extreme environments
Flexisperse 745	43%	5000	4.5	Acrylic/sulfonate	Zinc/Phosphate/Iron stabilization
Flexisperse 746	36%	10000	4.5	Acrylic/sulfonate	Severe scaling in boiler treatment

Hydrophobically modified Copolymers					
Products	Solids	Viscosity	pH	Description	Application
Flexisperse 133N	25%	150 cps	7.0	Sodium neutralized	HASE compatible latex paint dispersant
Flexisperse 134NH	25%	150 cps	9.0	Ammonium neutralized	HASE compatible latex paint dispersant
Flexisperse 174	31%	1000 cps	7.0	Compatible co-builder	Liquid cleaning formulations
Flexisperse 184	35%	1450 cps	6.5	Compatible co-builder	Liquid cleaning formulations

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