

Innovative Chemical Technologies, Inc.

Products for Laundry Applications



Products for Laundry Applications

ICT Products deliver wetting, detergency, and anti-redeposition of soil to meet your Laundry formulation requirements. Bio-based products are shown in green text.

Products for Liquid Laundry	Description	Benefits
Surfactants		
Flexisurf LO-30 (bio-based content)	Lauryl dimethylamine oxide Coconut oil based Nonionic, High foaming	Exceptional detergency, grease cutting & solubilizing agent. Hypochlorite and peroxide stable. Provides a thickening effect, builds viscosity. Derived exclusively from all natural feedstocks.
Flexisurf SS-40E (bio-based content)	Disodium laureth sulfosuccinate Anionic, Excellent foaming	Mild surfactant which reduces eye & skin irritation. Sulfate-free surfactant and cleansing agent. Biodegradable.
Flexisurf LDP (bio-based content)	Sodium lauriminodipropionate Coconut oil based Amphoteric, High foaming	Contributes wetting, cleansing, foaming, & solubilizing. Efficient hydrotrope for coupling nonionic surfactants in strong electrolyte and high alkaline systems.
Flexisurf DDO-30 (bio-based content)	Lauramine oxide Coconut oil based Nonionic, High foaming Non-GMO	Excellent cleansing and grease cutting. Solubilizing & emulsifying agent. Can be used for clear formulations. Provides a thickening effect, builds viscosity. Contains a highly refined amine.
Flexisurf AO-8	Octylamine oxide Low/controlled foam Nonionic	Versatile hydrotrope, detergent, and solubilizer. Hypochlorite and peroxide stable.
Flexisurf X-5	Proprietary surfactant blend Amphoteric, VOC-free, foaming Readily biodegradable	Fast-wetting and penetrating surfactant for soil removal. Optimized for cleaners and degreasers. Replacement for APEO surfactants.
Flexisurf MCO-30 (bio-based content)	Myristyl/cetyl dimethylamine oxide Coconut oil based Nonionic High foaming	Excellent cleansing and grease cutting properties. Stable in hypochlorite and peroxide formulations. Builds viscosity and provides a thickening effect. Derived exclusively from all natural feedstocks.
Anti-Redeposition of Soil		
Flexisperse 450	Partially neutralized 4500 molecular wt.	Sodium polyacrylate polymer for anti-redeposition of soil. Soil dispersant and sequesterant for hard water ions.
Flexisperse 450N	Fully neutralized 4500 molecular wt.	Sodium polyacrylate polymer for anti-redeposition of soil. Soil dispersant and sequesterant for hard water ions.
Flexisperse 735	Arylic/sulfonate copolymer 20000 molecular wt.	Soil dispersion and anti-redeposition. High calcium tolerance for dispersion
Flexisperse 835	Acrylic acid/maleic acid copolymer 3000 molecular wt.	Unique hypochlorite stability. Anionic product for anti-redeposition of soil.
Flexisperse 1000N	Fully neutralized 10,000 molecular wt.	Polyacrylate polymer for dispersion & anti-redeposition of soil, including protein-based and hydrophobic soils.



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ICT Products include co-builders, degreasers, odor absorbers, and sequesterant to meet your Laundry formulation requirements. Bio-based products are shown in green text.

Products for Liquid Laundry	Description	Benefits
Co-Builders		
Flexisperse 184	Clear Hydrophobically-modified polymer	Provides compatibility for high surfactant concentrations. Anti-redeposition of soil & whiteness retention for laundry.
Flexisurf 174	Opaque Hydrophobically-modified polymer	Provides compatibility for high surfactant concentrations. Anti-redeposition of soil & whiteness retention for laundry.
Degreasers		
Flexiwet WBD	VOC-free APEO-free and phosphate-free	Exceptional water-based degreaser. Powerful wetter and detergent. Rapid dynamic surface tension. Acceptable for aerosol application.
Flexisurf X-5	Proprietary surfactant blend Amphoteric, VOC-free, foaming	Optimized for cleaners and degreasers. Fast wetting. Replacement for APEOs. Penetrates to remove soil.
Flexisurf LO-30 (renewably sourced content)	Lauryl dimethylamine oxide Nonionic, High foaming	Excellent detergency, grease cutting & solubilizer. Hypochlorite and peroxide stable.
Flexisurf DDO-30 (renewably sourced content)	Lauramine oxide Nonionic, High foaming	Excellent detergency, grease cutting & solubilizer. Can be used for clear formulations.
Flexisurf MCO-30 (renewably sourced content)	Myristyl/cetyl dimethylamine oxide Nonionic, High foaming	Excellent detergency, grease cutting & solubilizer. Hypochlorite and peroxide stable.
Flexisurf LDP (renewably sourced content)	Sodium lauriminodipropionate Nonionic, High foaming	Provides degreasing, detergency, solubilizing, and emulsification properties.
Flexiclean AMP-FB (renewably sourced content)	Dipropionate surfactant blend Amphoteric, High foaming	Excellent solubilization and emulsification properties. Compatibilizes surfactants in high electrolyte formulations. Acceptable for aerosol application.
Sequestrant		
Flexisperse 875	Alternative for EDTA Acrylic/maleic copolymer	Provides strong sequestration of hardness ions. Highest calcium binding coefficient.
Odor Absorber for Sports Wash		
Flexisorb OD-120ZnR (renewably sourced content)	Zinc ricinoleate 20% actives	Odor absorber dispersion which readily dilutes in water while maintaining clarity. Bio-based content from castor seed oil.



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ICT Products provide anti-redeposition of soil for Powdered Laundry and are used in Specialty Laundry formulations.

Products for Other Laundry Uses		
Fabric Repellent		
Thetapel AM-5030	Laundry rinse additive Cationic, low VOC Emulsion, includes extender	Exhaust application in laundry wash/rinse cycle followed by normal drying. Durable repellency protection.
Thetapel AM-5010	Laundry rinse additive Mildly cationic, low VOC	Exhaust application in laundry wash/rinse cycle followed by normal drying.
Thetapel AM-5037	Laundry rinse additive Mildly cationic, low VOC Concentrated product	Exhaust application in laundry wash/rinse cycle followed by normal drying.
Wrinkle Release & Anti-stat		
Flexistat WR-152	Cationic pH neutral	Wrinkle releasing fabric conditioner which is color-safe. Does not stiffen the fabric. Test water-sensitive fabrics (silk & rayon) before using.
Spot Cleaner Additives		
Flexiclean LSCN	Water-soluble pH 4 to 5	Detergent system with excellent removal of tough stains. Includes enzymes & anti-redeposition polymers.
Flexiwet WBD	VOC-free APEO-free and phosphate-free	Exceptional water-based degreaser. Powerful wetter and detergent. Rapid dynamic surface tension.



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ID# 20240215B