

# Innovative Chemical Technologies, Inc.

## Personal Care Products



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# Personal Care Products

<b>Foaming Agents for Alcohol-based Hand Sanitizers</b>	<b>Description</b>	<b>Benefits</b>
<b>Thetacare AFP-33</b>	33% actives in isopropanol DEA-free	Polymeric foaming agent for use in alcohol-based products including hand & skin sanitizers. Provides thick, fast-drying foam lather.
<b>Thetacare AFP-50</b>	33% actives in ethanol DEA-free	Polymeric foaming agent for use in alcohol-based products including hand & skin sanitizers. Provides thick, fast-drying foam lather.
<b>Bio-based Surfactants</b>	<b>Description</b>	<b>Benefits</b>
<b>Amphoteric</b>		
<b>Flexisurf LDP</b> <b>Renewably sourced content</b>	INCI Name: Sodium lauriminodipropionate Coconut oil based High foaming	Contributes foaming, wetting, cleansing, & solubilizing. Efficient hydrotrope for coupling nonionic surfactants in strong electrolyte and high alkaline systems. 30% solids.
<b>Flexiclean AMP-FB</b> <b>Renewably sourced content</b>	Sodium lauriminodipropionate mixture High foaming	Compatibilizes surfactants in high electrolyte formulations while providing detergency, solubilizing, and emulsifying properties. 40% solids.
<b>Anionic</b>		
<b>Flexisurf COS-37</b> <b>Renewably sourced content</b>	INCI Name: Potassium cocoate Coconut oil based Readily biodegradable	Contains glycerin for benefits in personal care products. Functions as cleansing agent and foam booster. Versatile surfactant for formulations. 37% solids.
<b>Flexisurf SS-40E</b> <b>Renewably sourced content</b>	INCI Name: Disodium laureth sulfosuccinate Excellent foaming Readily biodegradable	Mild surfactant which reduces eye & skin irritation. Sulfate-free surfactant. Functions as a cleansing agent and foam booster. 40% solids.
<b>Nonionic</b>		
<b>Flexisurf LO-30</b> <b>Renewably sourced content</b>	Lauryl dimethylamine oxide Coconut oil based High foaming	Exceptional detergency, grease cutting, & solubilizing. FIFRA-inert ingredient in non-food pesticides. 30% solids.
<b>Flexisurf MCO-30</b> <b>Renewably sourced content</b>	Myristyl/cetyl dimethylamine oxide Coconut oil based High foaming	Functions as cleansing agent, foamer, and emulsifying agent. Surface tension reduction to 33 dynes/cm. Effective in acid, neutral, and alkaline conditions. 30% solids.
<b>Flexisurf DDO-30</b> <b>Renewably sourced content</b>	Dodecyl dimethylamine oxide Coconut oil based High foaming	Excellent cleansing, grease cutting, and solubilizing. Can be used for clear formulations. 30% solids. FIFRA-inert ingredient in non-food pesticides.



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Odor Absorbers	Description	Benefits
<b>Flexicare ZR-LD</b> <b>Renewably sourced content</b>	20% zinc salt actives Prepared from castor seed oil Anionic	Odor absorber which traps and neutralizes odors. Readily dilutes in water while maintaining clarity. Uses include deodorants, personal cleansers & shampoos. INCI Name: Zinc ricinoleate (and) sodium lauroyl sarcosinate (and) tetrahydroxypropyl ethylenediamine (and) Aqua. CIR Reviewed as non-toxic and safe for use in cosmetics.
<b>Flexicare ZR-LT</b> <b>Renewably sourced content</b>	30% zinc salt actives Prepared from castor seed oil Anionic	Odor absorber which traps and neutralizes odors. Water-dispersible, may require stabilizing ingredients. Uses include deodorants, personal cleansers & shampoos. INCI Name: Zinc ricinoleate. CIR Reviewed as non-toxic and safe for use in cosmetics.
<b>Flexicare ZR-L</b> <b>Renewably sourced content</b>	50% zinc salt actives Prepared from castor seed oil Anionic	Odor absorber which traps and neutralizes odors. Soluble in alcohol and most polar organic solvents. Dispersible in aqueous surfactant systems. Uses include deodorants, personal cleansers & shampoos. INCI Name: Zinc ricinoleate (and) tetrahydroxypropyl ethylenediamine (and) laureth-3 (and) propylene glycol. CIR Reviewed as non-toxic and safe for use in cosmetics.
<b>Flexicare ZR-P</b> <b>Renewably sourced content</b>	High actives form for compounding Prepared from castor seed oil	Odor absorber which traps and neutralizes odors. Low melting solid that is ideal for compounding. Soluble in a range of organic solvents. Uses include deodorants, personal cleansers & shampoos. INCI Name: Zinc ricinoleate. CIR Reviewed as non-toxic and safe for use in cosmetics.



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Polymers for Hair Care	Description	Benefits
<b>Flexicare HP-1140</b>	Acrylic emulsion polymer Anionic 40% actives	Provides clear colorless film forming solution for firm hold hair styling products such as hair sprays, hair gels, and styling mousse. Used in pump and low-VOC aerosol dispensers. INCI Name: Acrylates Copolymer.
<b>Flexicare HP-1230</b>	Acrylic emulsion polymer Anionic 30% actives	Provides clear colorless film forming solution for firm hold hair styling products such as hair sprays, hair gels, and styling mousse. Used in pump and low-VOC aerosol dispensers. INCI Name: Acrylates Copolymer.
<b>Flexicare PQ-1230</b>	Acrylic polymer Narrow molecular weight range Cationic 25% actives	A highly substantive, film forming Quaternary product that provides conditioning and body for hair and skin care products without build-up. Effective as an emulsifier & softening agent in care products. INCI Name: Polyquaternium 37
<b>Flexicare PQ-1130</b>	Polymer Cationic 30% actives	Unique high molecular weight, high charge density, cationic homopolymer that provides conditioning and flexible hold for hair care products. Non-greasy product which builds volume and sheen. INCI Name: Polymethacrylamidopropyltrimonium Chloride



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