

Innovative Chemical Technologies, Inc.

Personal Care Products



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Personal Care Products

Foaming Agents for Alcohol-based Hand Sanitizers	Description	Benefits
Thetacare AFP-33	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.
Thetacare AFP-50	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.
Bio-based Surfactants	Description	Benefits
Amphoteric		
Flexisurf LDP Bio-based content	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.
Flexiclean AMP-FB Bio-based content	Sodium lauriminodipropionate mixture High foaming	Compatibilizes surfactants in high electrolyte formulations while providing detergency, solubilizing and emulsifying properties. 40% solids.
Anionic		
Flexisurf COS-37 Bio-based content	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.
Flexisurf SS-40E Bio-based content	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.
Nonionic		
Flexisurf LO-30 Bio-based content	Lauryl dimethylamine oxide Coconut oil based High foaming	Exceptional detergency, grease cutting, & solubilizing. FIFRA-inert ingredient in non-food pesticides. 30% solids.
Flexisurf MCO-30 Bio-based content	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.
Flexisurf DDO-30 Bio-based content	Lauramine 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
Flexicare ZR-LD Bio-based content	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) tetrahydroxylpropyl ethylenediamine (and) Aqua. CIR Reviewed as non-toxic and safe for use in cosmetics.
Flexicare ZR-LT Bio-based content	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 (and) tetrahydroxypropyl ethylenediamine (and) sodium lauroyl sarcosinate (and) Tetrasodium EDTA (and) Aqua. CIR Reviewed as non-toxic and safe for use in cosmetics.
Flexicare ZR-L Bio-based content	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 (and) Aqua. CIR Reviewed as non-toxic and safe for use in cosmetics.
Flexicare ZR-P Bio-based content	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
Flexicare HP-1140	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.
Flexicare HP-1230	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.
Flexicare PQ-1230	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
Flexicare PQ-1130	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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ID# 202010812