



Product Line

Bio-based Surfactants

| ICT Biobased 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. Uses include HI&I cleaners, personal care, and oil field. |
| Flexiclean AMP-FB Bio-based content | Sodium lauriminodipropionate mixture High foaming | Compatibilizes surfactants in high electrolyte formulations while providing detergency, solubilizing and emulsifying properties. Uses include HI&I cleaners, transportation cleaners, personal care, and oil field. |
| Anionic | | |
| Flexisurf COS-37 Bio-based content | INCI Name: Potassium cocoate Coconut oil based Readily biodegradable | Contains glycerin for benefits in personal care products. Uses include HI&I products and personal care. Versatile surfactant for cleaning formulations. |
| 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. Uses include hand dishwash, personal care, and soft surface cleaners. |
| Nonionic | | |
| Flexisurf LO-30 Bio-based content | Lauryl dimethylamine oxide Coconut oil based High foaming | Exceptional detergency, grease cutting & solubilizing. Stable in hypochlorite and peroxide formulations. FIFRA-inert ingredient in non-food pesticides. Uses include HI&I cleaners, textiles, & personal care. |
| Flexisurf MCO-30 Bio-based content | Myristyl/cetyl dimethylamine oxide Coconut oil based High foaming | Excellent degreaser. Viscosity build for surface cling. Surface tension reduction to 33 dynes/cm. Stable in hypochlorite and peroxide formulations. Uses include HI&I cleaners, personal care, & textiles. |
| 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. FIFRA-inert ingredient in non-food pesticides. Uses include HI&I cleaners and textiles applications. |



This information relates only to the specific material referred to herein and not to its use in combination with any other material or in any process, unless explicitly stated herein. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled; however, no warranty, guarantee or other representation is made as to its accuracy, reliability, or completeness, or regarding any liabilities arising from others' intellectual property rights. ID# 20200324