



SCC79TH ANNUAL

SCIENTIFIC
MEETING &
SHOWCASE

DECEMBER 16-17, 2025 | SHERATON NY TIMES SQUARE, NEW YORK



Designing Naturally-Derived Emulsifying Polymers for Personal Care and Cosmetics

BioMimics

biomimicsusa.com



surfactiv.com

PRODUCT/SERVICE BACKGROUND INFORMATION

BioMimics' novel biobased polymeric surfactants, built from upcycled tartaric acid and glycerin, deliver high-performance emulsification. These multifunctional polymers create exceptionally stable emulsions and serve as rheology modifiers, enabling soft, luxurious texture while allowing for economical formulations. They are compatible with a broad range of actives, and support high-loading systems and clean-label design. Built using safe, food-grade components and free of 1,4-dioxane, they offer a sustainable, effective alternative for modern cosmetic and personal-care formulations.

WHAT IS THE COMPANY INTRODUCING TO THE MARKET/INDUSTRY?

BioMimics is introducing SurfActiv 6020-S, a new class of biobased polymeric surfactants and emulsifiers built from upcycled tartaric acid and glycerin. These ingredients deliver highly stable emulsions, function as rheology modifiers, and enable high-loading formulations. Free of PEGs and 1,4-dioxane, they offer a safer, more sustainable alternative for cosmetic and personal care products. The SurfActiv™ platform expands formulation flexibility while advancing economical emulsions using environmentally conscious ingredient design.

HOW WILL THIS NEW PRODUCT/SERVICE IMPACT THE INDUSTRY (BENEFITS)?

- Novel PEG-free emulsifier alternative - a new tool in the formulator's toolbox.
- Biobased and upcycled by-design emulsifier that advances the beauty industry's drive for safe, efficacious, and environmentally sustainable ingredients.
- Enables texturizing effects for lotions and creams.
- The ability to emulsify at low processing temperatures lowers energy use and supports gentler formulations.
- Formulators gain a safer, more sustainable option, enabling cleaner labels, reduced carbon footprints, and innovative products that align with consumer demand for eco-conscious beauty.