



# **RITA**

# **RITAMULSE SCG**

## **A Complete, Balanced, All-Natural Emulsifier Blend**

INCI NAME: *Glyceryl Stearate (and) Cetearyl Alcohol (and) Sodium Stearoyl Lactylate*

Ritamulse SCG incorporates a pre-balanced blend of plant based waxes, fatty alcohols, and lactylates. This primary emulsifier efficiently blends together natural oils, esters, and silicones into the water phase. What makes this blend unique is the Sodium Stearoyl Lactylate which is a more oil soluble lactylate with a higher molecular weight. This helps to increase the emulsification ability of the sodium salt of the acyl lactylates. Rich, creamy emulsions can easily be formed with the ability to hold > 10% oils and esters.

### **Superb Substantivity**

- Lactylates have surface affinity for various substrates, specifically skin and hair. They can bind to the proteins found on the surface, and detailed work utilizing microscopy and radio tracer tests show significant lactylate attached to the proteins.
- The binding of the the acyl lactylate to the application surface provides a silky, soft feel that will last all day!

### **Excellent Moisturizer**

- Lactylates hold in moisture well, slowing the rate of evaporation from the skin's surface.
- Further studies have focused on the moisturization effect with lactylates. Water absorption has been tested on different samples with the ability to hold high residuals levels of moisture at > 85%.
- RITAMULSE SCG's lactic acid and fatty acid components boost your skin's already naturally found moisturizing complex.

### **Mild, Plant Based Components**

- RITAMULSE SCG is extremely mild/ non-irritating, making it the perfect multi-functional emulsifer.
- It can be used in a variety of cosmetic products including: creams, lotions, conditioners, and sticks. It can also be used effectively in automotive and industrial products.
- Completely GMO free and 100% Vegan.

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