



GreenWax™ SL

SODIUM STEAROYL LACTYLATE

PRODUCT DESCRIPTION

GreenWax™ SL is formed when stearic acid and lactic acid are linked by a lactate unit. This product is a powerful anionic emulsifier that works to stabilize the oil and water interface.

GreenWax™ SL is derived from plant-based, renewable resources.

KEY BENEFITS—

- Cost effective
- Gentle and mild for rinse-off and leave-on
- Ideal for baby, pet, face, eye, hair applications
- 100% natural
- Easy to Incorporate

PRODUCT FUNCTION

The anionic nature of **GreenWax SL** makes this product very versatile throughout all personal care application categories. It combines well with other emulsifiers to stabilize emulsions. The lactylate component is highly compatible with the skins amino acid structures. This results in a desirable, silky skin feel.

A high HLB value provides a mild cleansing effect and can improve the foaming capacity of other surfactants. The lipophilic part will retain small amounts of oil on the skin, acting as a re-fattening agent.

FORMULATING TIPS

- If used ~2% at a pH of 5.5, GreenWax SL can improve viscosity.
- Ideal for the emulsification with oil components of different polarities
- Used to stabilize the emulsion against the deteriorating effects of surfactants (like short-chained additives.)

HOW TO USE— FORMULATING GUIDELINES

RECOMMENDED

Use Level	0.5 - 4.0%
Appearance	White to Beige Powder
Procedure	Heated and added into oil phase.