

introducing

# Pureact SLL

INCI: Sodium Lauroyl Lactylate

innospec 

Pureact SLL is a versatile emulsifier and surfactant derived from lauric and lactic acids. This sulfate-free ingredient is gentle on skin, delivering a moisturizing after-feel in rinse-off formulations, while enhancing emolliency and adding light viscosity to leave-on applications. Pureact SLL is compatible with a wide range of materials, including anionic, non-ionic, and amphoteric surfactants, making it an excellent choice as a co-surfactant in various formulations.

## Key Benefits

- Mild and sulfate-free
- EO-free
- Unique, clear product
- Flowable liquid at 50°C (7,500 cSt)
- Creates a smooth, luxurious after-feel

## Applications

- Rinse-off: shampoos, body washes, hand soaps, facial washes, soaps/syndet bars, shave creams
- Leave-on: creams, lotions, foundations, fragrance sprays

The typical usage level ranges from 0.5% to 5.0% w/w, depending on the specific application.

99%  
naturally  
derived\*

RSPO  
mass balance  
available  
upon request

## Properties

## Parameters quoted on Certificate of Analysis

Appearance at 25°C	Soft solid
Appearance at 70°C	Clear flowable liquid
Odor	Characterisitic
Color, Gardner	7 max
pH at 10% aqueous solution	5.0 – 7.0
Acid Value, mg KOK/g	100 max
Saponification Value, mg KOH/g	220 - 240

\* according to ISO16128 guidelines