



Britens Alaninate 100% biobased Sodium Cocoyl Alaninate

CAS No.: 90170-45-9
EC No.: 290-478-9

Product information

Synonyms: L-Alanine, N-coco acyl derivs., sodium salts (CH₂)_{6,10,12}C₅H₈NNaO₃

Britens Alaninate 100% biobased is a natural surfactant, it is biodegradable in a natural environment. Britens Alaninate is derived from natural fatty acids and L-alanine by acylation and neutralization under alkaline conditions. Britens Alaninate is a high-foaming, mild, anionic surfactant.

The fatty acids in Britens Alaninate are derived from sustainable coconut oil. L-alanine is one of the twenty amino acids and is derived during the fermentation of natural raw materials. Making Britens Alaninate a 100% biobased.

Product specifications

Item	Specification
Description	Colorless to light yellow liquid, with slight characteristic odor
Active Substance Content (%)	28.0 ~ 30.0
pH Value (25°C, direct detection)	7.5 ~ 8.5
Sodium Chloride Content (%)	≤1.0
Hazen Color	≤50
Light Transmittance (%)	≥90.0
Total Bacterial Count (CFU/mL)	≤100
Molds & Yeasts (CFU/mL)	≤100
Heavy Metals (ppm)	≤10
As (ppm)	≤2

Application

The information in this datasheet is to the best of our knowledge, true and accurate. Any recommendations or suggestions are made without warranty or guarantee since the conditions of use are beyond our control.

Britens Alaninate is remarkably mild for hair and skin and has strong cleaning properties. This combination results in a perfect application for personal care products such as facial cleansers and body wash for sensitive skin. The amino acid group also repairs damaged skin and hair.

Britens Alaninate can be used as a main surfactant in personal care products. Replacing the widely used Sodium Lauryl Sulfate and Sodium Laureth Sulfate. Britens Alaninate is mild for the skin and also 100% biobased. So Britens Alaninate is the surfactant suitable for a broad variety of products in personal care, such as face cleansers, shampoos, body washes, shaving products, toothpastes and especially personal care products for infants and for the sensitive skin and hair.

Britens Alaninate produces exquisite and elastic foam. This gentle surfactant produces a rich lather that has a stabilizing effect on the bubbles, allowing them to last longer.

Britens ACS has excellent foaming performance under oily conditions. The transparency of the product makes it also suitable for transparent formula's such as shampoos. The purity of Britens ACS makes it suitable for high-quality products.

Packaging

200kg/drum, 16mt in 20FCL

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