



Britens Glutamate Lauroyl 100% biobased Sodium Lauroyl Glutamate

CAS No.: 29923-31-7
EC No.: 249-958-3

Product information

Synonyms: L-Glutamic acid, N-(1-oxododecyl)-, monosodium salt;(N-(1-OXODODECYL)1-L-GLUTAMIC ACID;SODIUM-N-LAUROYL-L-GLUTAMATE;acylglutamate ls-11;n-(1-oxododecyl)-l-glutamic aci monosodium salt;n-lauroyl-glutamic aci l-glutamic aci monosodium salt;n-lauroyl-l-glutamic acid monosodium salt;L-Glutamic acid,N-(1-oxododecyl)-,sodium salt (1:1) C17H30NO5•Na

Britens Glutamate Lauroyl 100% biobased is a natural surfactant, readily biodegradable, EO-free and sulphate-free. Britens Glutamate Lauroyl is anionic, extremely mild, high foaming. Britens Glutamate Lauroyl based on purified sustainable palm kernel oil, a natural renewable resource.

Britens Glutamate Lauroyl has a hydrophilic head comprised of the amino acid L-glutamine. It is derived through the fermentation of natural raw materials containing glutamine. Sirius International is always looking to innovate towards natural raw materials and Britens Glutamate Lauroyl is part of our line of biobased mild surfactants.

Product specifications

	Sodium Lauroyl Glutamate solid	Sodium Lauroyl Glutamate liquid	Disodium Lauroyl Glutamate
Item	Specification	Specification	Specification
Appearance	White loose granular	Yellowish to clear liquid	Slightly hazen to clear liquid
Odour	Slight characteristic odour	Slight characteristic odour	Slight characteristic odour
Colour (hazen)	-	≤120	≤150
Solid content (%)	≥95.0	24.0 - 26.0	32.0 - 28.0
Acid Value (mg KOH/g)	120 - 140	-	-
pH value (25°C, 10%aq)	4.5 - 6.5	7.0 - 9.0	-
pH value (as is)	-	-	8.5 - 10.5
Volatile components (%)	≤5	-	-

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.

Sodium Chloride (%)	-	≤0.5	4.0 - 6.0
As (ppm)	≤2	≤2	≤2

Application

Britens Glutamate Lauroyl is remarkably mild for hair and skin and has strong cleaning capabilities. This combination results in a perfect application for personal care products such as facial cleansers, body wash and shampoos for sensitive skin and hair. The purity of the product makes it suitable for high-quality products.

Generally Acyl Glutamates like Britens Glutamate Lauroyl improve the dermatological characteristics of surfactant formulations by replacing the more skin irritating and eye damaging Sodium Lauryl Sulfate and Sodium Laureth Sulfate as the main surfactant. Resulting in a safe silky smooth product for your skin and hair.

When used in formula's Britens Glutamate Lauroyl has a slight viscosity reducing effect. When low viscosities are wanted, Britens Glutamate Lauroyl is an excellent surfactant. Using thickeners/consistency modifiers, higher viscosities are easily obtained.

Even when used in formula's as a co surfactant, Britens Glutamate Lauroyl gives the formula an easy rinse-off effect. Britens Glutamate Lauroyl washes away with relative small amounts of water compared to other less mild surfactants. Therefor leaving no traces of the formula on the skin after washing.

All these properties make Britens Glutamate Lauroyl suitable for a broad variety of products in personal care, such as facecleansers, shampoos, body washes, shaving products, toothpastes and especially personal care products for infants and for the sensitive skin and hair.

Britens Glutamate Lauroyl is available in solid and in liquid form. There are also sodium and disodium variants. The disodium variant is more adapted for more alkaline conditions. All variants of Britens Glutamate Lauroyls can also be used as hydrotopes, increasing the formula's cloud-point.

Packaging

Liquid: 200kg/drum, 16mt in 20FCL
Solid: 25kg/carton 8mt in 20FCL

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