

Isethionate Surfactant

Pureact SLI

INCI Name: Sodium Lauroyl Isethionate

CAS No.: 7381-01-3 EINECS No.: 230-949-8(L)

Pureact SLI is a mild surfactant specifically designed for use in personal cleansing products. It is a high foaming product that provides a dense, creamy lather to formulations.

Pureact SLI is nearly salt-free and resistant to hard and salt water with high foaming properties. It is compatible with soap and gives excellent lime-soap dispersibility in order to retard the formation of scum in bar soaps.

Pureact SLI has limited solubility in soft and hard water. It is stable in formulations at near-neutral pH and room temperature for extended periods of time but will gradually hydrolyse at elevated temperatures.

Pureact SLI can be used in syndet bars and liquid systems such as shampoos, bodywashes and bubble baths.

Applications

Pureact SLI can be dispersed in water and does not contribute to dusting that can be seen with products in powder form.

Soap Bars

Pureact SLI can be used in syndet bar applications in order to provide the added benefit of dense creamy lather. In hard water the lather produced is similar to that of soaps in soft water. Such mixtures are mild and non-drying to the skin.

Shampoos/Bodywashes

The surfactant properties of Pureact SLI makes it an excellent cleansing agent in shampoos and bodywashes. It also affords compatibility with hard water and excellent lathering and rinseability and leaves behind a smooth silky feel on hair and skin.

Bubble Baths

Pureact SLI is recommended for use in bubble baths as a high foaming agent. It provides long lasting suds, even in the presence of soap, and is mild to skin.



TYPICAL PROPERTIES

Not intended for use in preparing specifications

Appearance	White to off-white flakes or chips
Odor	Mild, fatty
Color, APHA (5% in 30% n-Propanol, 70% distilled water)	20 maximum
Activity	78-83%
Free fatty acid	14% maximum
pH, 10% solution @35°C	4.7-6.0

For further information, please email your region:

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