



Sodium Cocoyl Isethionate

SCI Powder

INCI Name: Sodium Cocoyl Isethionate

CAS No.: 61789-32-0 EINECS No.: 263-052-5

Our Sodium Cocoyl Isethionate Powder (also called SCI Powder) is a mild surfactant specifically designed for use in personal cleansing products. This SCI Powder is high foaming, nearly salt-free and is resistant to hard and salt water. It is compatible with soap and gives excellent lime-soap dispersibility in order to retard the formation of scum in bar soaps.

Applications :

Soap bars

SCI Powder is used in “combo bar” applications at levels of 2 – 60% to provide lathering in hard or soft water similar to soaps in soft water. Its dense lather is additive to that of soap. Such mixtures are mild to the skin and are relatively non-drying.

Shampoos

The properties of SCI Powder also make it an excellent cleansing agent for shampoos. Besides compatibility with hard water, good cleaning properties, and excellent lathering, SCI Powder imparts softness and manageability to hair.

Bubble baths

SCI Powder is recommended for use in bubble baths as a high foaming agent. It provides longer-lasting suds, even in the presence of soap, and is mild to skin.

Typical Properties

Appearance	Fine white powder, free of extraneous matter
Colour (APHA, 5% in 30% alcohol solution)	50 maximum
pH, 10% solution @ 35°C	4.7-6.0
Active content , %	78 minimum
Moisture, %	1.5 maximum
Free fatty acid, %	14.0 maximum

Source

SCI Powder is naturally derived from coconut and is considered ‘readily biodegradable’ according to OECD Guidelines.

Storage

SCI Powder is slightly hygroscopic powder: keep containers closed to prevent lumping of the powder. Keep in a cool, dark and dry store-room.

Performance Benefits

SCI Powder has limited solubility in soft and hard water. It is optimally stable in aqueous formulations from pH 6-8 at ambient temperature.

While Chemistry Connection believes the information contained herein to be true and accurate, it has relied on information provided by others. Chemistry Connection makes no warranties, express or implied, as to the accuracy or adequacy of the information contained herein or with respect to the results to be obtained from the use of the product.

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