

Isethionate Surfactant

Pureact I-85E FLAKES

INCI Name: Sodium Cocoyl Isethionate

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

Pureact I-85E FLAKES is a mild surfactant that is specifically designed for use in personal cleansing products. Pureact I-85E FLAKES provides a dense, creamy lather as well as high foaming properties similar to soap. It is almost completely salt-free, compatible with soap, and provides resistance to hard and salt water. It also affords excellent lime-soap dispersability.

Pureact I-85E FLAKES has limited solubility in soft and hard water. It is optimally stable in aqueous formulations from pH 6-8 at ambient temperature.

Pureact I-85E FLAKES is considered "readily biodegradable" by OECD guidelines and is naturally derived from coconut.

Pureact I-85E FLAKES is considered a mild surfactant and is often used in soap bars, shampoos and bubble baths.

Applications

Soap Bars

Pureact I-85E FLAKES can be used in soap bar applications at low use levels to provide a dense creamy lather in hard or soft water. Its dense lather is additive to that of soap alone. Such mixtures are mild to the skin and are relatively non-drying.

Shampoos

The surfactant properties of Pureact I-85E FLAKES make it an excellent cleansing agent in shampoos. It also affords compatibility with hard water and excellent lathering as well as imparting hair manageability.

Bubble Baths

Pureact I-85E FLAKES 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.

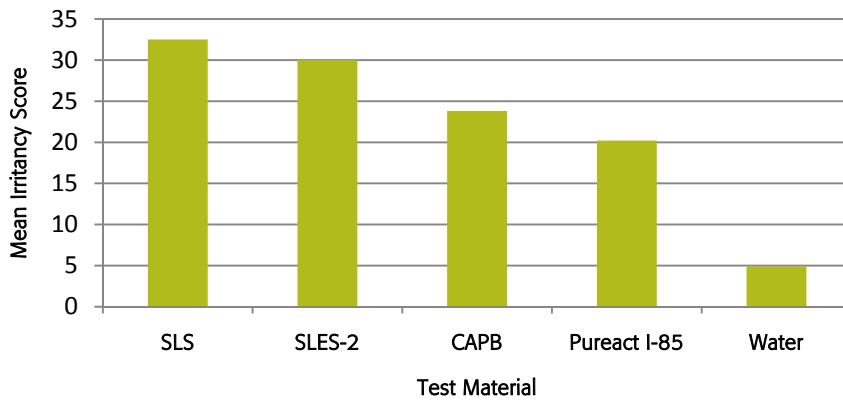


TYPICAL PROPERTIES

Not intended for use in preparing specifications

Appearance	White to off-white Flakes or chips
Color (APHA, 5% in 30% alcohol solution)	50 maximum
pH, 10% solution @ 35°C	5.0-6.5
Active content, %	84 minimum
Free fatty acid, %	5.0-10.0

14 Day Cumulative Skin Irritation
0.50% active
Mean Cumulative Score



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