

**iSURF SCI80**

**INCI Name (US):** Sodium Cocoyl Isethionate

**INCI Name (EU):** Sodium Cocoyl Isethionate

**CAS #:** 58969-27-0;61789-32-0

**General Information/  
Characteristics:**

**iSurf SCI80** is an anionic type of surfactant made from natural fatty acid of coconut oil. It features for excellent mildness, low irritancy and easy biodegradation. **iSurf SCI80** is easy foaming and resistant to hard water and soap base as a mild, high-foaming surfactant used in personal care products. It performs excellent stability in hot or cold water. It is widely used in personal care products such as soap, shower gel, facial cleaner etc. It is used as an emulsifier in facial cleaner for its super mildness, moisture balance and high fat content. It enables to form pearl appearance emulsion, abundant foaming, and mild cleaning and brings silky smooth feeling after washing. **iSurf SCI80** has been widely used in the formulas of synthetic detergents for its super advantages to consumers as a green and mild surfactant. More applications have been developed such as syndetic, combo soaps, special shampoo, facial cleaning lotions etc.

**Benefits / Application:**

Benefits:

- ◆ Silky, soft, abundant and slippery foaming
- ◆ Enables to form pearl appearance emulsion
- ◆ Features for excellent mildness, low irritancy and easy biodegradation.
- ◆ Resistant to hard water
- ◆ Produce easily as it granular appearance
- ◆ Mildness and silky smooth feeling after washing
- ◆ Good moisture balance and high fat content.

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Application :

- ♦ Hand wash
- ♦ Shower & bath Shower gel & cream
- ♦ Toilet Soap
- ♦ Shampoo
- ♦ Cleansing lotion & toner.
- ♦ Wet wipe lotion

**Formulations Advices:**

iSurf SCI80 surfactant with limited water-soluble. Avoid prolonged heating at high temperature. Add it in water, heat to 65-75°C, stir to dissolve thoroughly, and then add other components.

Dosage: Facial cleanser in the reference amount of 15 ~ 25%. Soap in the reference amount ≤ 50%. Reference to the amount of shower gel 2 ~5%.

**Regulatory Status:**

No specific regulation

**Physico-Chemical Properties:**

Appearance	Flake solid
Color	White to yellowish
Odor	Minor characteristic
pH (5% aq)	4.0 – 8.0
Acid Value (mgKOH/g)	Max. 55

**Shelf Life / Storage Conditions**

24 months if stored. Keep in Cool, dry, ventilated and lightless place.

**Packaging:**

Standard Packing: 25kg/drum

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