

Technical Data Sheet

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Sarcosinlau PW

INCI Name

SODIUM LAUROYL SARCOSINATE

Description

Sarcosinlau PW is an extremely mild amino-acid surfactant, with high foamability. It can reach excellent synergistic effect when combined with other surfactants, meanwhile reduce irritation and improve foamability. It's widely used in facial cleanser and other personal care products.

Specification

Parameter	Value
Appearance	Colorless clear liquid
Color(APHA)	≤50
pH value(25°C, 10solnn.%)	7.0-8.5
Active Content(%)	30±1
Salt Content(%)	≤0.2
Viscosity(25°C,mPa·s)	≤30

These values indicate typical specification, they are not intended to be used as product specifications.

Properties

- Milder than SLES by 7 times
- Good compatibility with anionic surfactant
- Good foamability while combined with other surfactant
- Good resistance to salty-water and hard-water
- Impart hair soft-feeling and manageability
- Stabilizes in pH 5.5 to alkali, applicable for soap base and light acid facial cleanser.
- Reduce irritation and leftover of other surfactants

- Excellent compatibility with disinfectant, applicable for body wash, hand soap, facial cleanser containing disinfectant agent.

Applications

- Hand soap, body wash, shampoo
- Shaving product, oral cleanser
- Facial cleanser
- Baby product

Formula Guidelines

Typically used at a level of 3~30% as main or assistant surfactant.

Add after other surfactants dissolved, then adjust pH and viscosity.

Storage & Handling

Standard Packing: 200 kg/drum

Storage: Keep in Cool, Dry, Ventilated and Lightless Place.

Shelf life: 24months