

MILD SURFACTANTS



Product Bulletin

TC-SHD

INCI Name

COCAMIDOPROPYL HYDROXYSULTAINE

Description

TC-SHD is a new mild amphoteric surfactant, with no chloroacetic Acid residua, low salt, low irritation, resistance to hard-water and anti-Calcium Soap. It can reach excellent synergistic effect when combined with other surfactants, meanwhile reduce irritation of other surfactants and contribute fine, stable and rich foam with high thickening. It's widely used in shampoo, body wash, facial cleanser, baby product and so on.

Specification

Parameter	Value
Appearance	Colorless to yellowish clear liquid
Color (Gardner)	≤3
pH value (10% soln., 25°C)	5.5-6.5
Active content (%)	≥29.0
Salt content (%)	≤5.0
Free amine (%)	≤0.5

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

Properties

- Mild amphoteric surfactant.
- Good compatibility with all kinds of surfactant
- Good resistance to hard-water, even anti-Calcium Soap

- Excellent foamability and thickening ability
- Favorable softening, conditioning, anti-static and bactericidal performance.

Applications

Shampoo
Hand soap, body wash
Shaving product
Facial cleanser
Baby product

Formula Guidelines

Typically used at a level of

Shampoo: 3~6%

Body wash: 5~30%

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

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