

**iSURF SHD 50**

**INCI Name (US):** Cocamidopropyl Hydroxysultaine

**INCI Name (EU):** Cocamidopropyl Hydroxysultaine

**CAS #:**

**General Information/  
Characteristics:**

**iSurf SHD 50** 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.

**Benefits / Application:**

Properties

- ♦ Mild amphoteric surfactant.
- ♦ Good compatibility with all kinds of surfactant
- ♦ Good resistance to hard-water, even anti-Calcium Soap
- ♦ Excellent foam-ability and thickening ability
- ♦ Favorable softening, conditioning, anti-static and bactericidal performance

Applications

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

**Formulations Advices:**

Typically used at a level of:

Shampoo: 3 ~ 6%

Body wash: 5 ~ 30%

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

**Regulatory Status:**

No specific regulation

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**Physic-Chemical Properties:**

Aspect	Liquid
Color	Colorless to yellowish
Color (Gardner)	≤ 3
pH value (10 % soln)	7.0 – 9.0
Solid content	48.0 – 53.0
Salt content	5.4 – 7.0

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

**Shelf Life / Storage Conditions**

24 months if stored. Keep in cool, dry, Ventilated and lightless place.

**Packaging:**

200 kg/drum

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