

TC-DG

INCI Name

Decyl Glucoside

Description

TC-DG is a mild nonionic surfactant has good compatibility with a broad range of surfactants and polymers, including cationic ingredients. It can reach excellent synergistic effect when combined with other surfactants, meanwhile reduce irritation of other surfactants and contribute fine, stable and rich foam. This product was 100% vegetable origin and readily biodegradable and also self-preserved. It's widely used in shampoo, body wash, facial cleanser, baby product and so on.

Specification

Parameter	Value
Appearance	Pale yellow, slightly cloudy liquid/paste
pH (25°C, 10% soln.)	11.0-12.0
Color (Gardner)	≤3.0
Viscosity (25°C, 2h)	500-2000
Actives (%)	48-52
Sulfate ash (%)	≤3.0

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
- 100% vegetable origin
- Solvent-free

- Self-preserved
- Low eco-toxicity and toxicity
- Readily biodegradable

Applications

Shampoo
Hand and Facial Cleanser
Body Wash, Bubble Bath
Liquid and Bar Soap
Conditioner
Baby Wipes

Formula Guidelines

Typically used at a level of 3.0~30.0%

Storage & Handling

Standard Packing: 50kg/drum; 160kg/drum

Storage:

This product should not be stored at temperatures below 15°C or above 40°C. If crystallization or sedimentation occurs when stored at temperatures below 15°C, the product should be heated and stirred until uniform before use.

Shelf Life: 24 months

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