

Product Bulletin

GLUCO 125**INCI Name**

LAURYL METHYL GLUCETH-10

HYDROXYPROPYLDIMONIUM CHLORIDE

Description

Derived from natural corn glucose via quaternization, GLUCO 125 provides excellent emollient and moisturizing properties, leaves a conditioned feeling and enhances shine and luster due to its smoothing properties, especially to damaged hair. It can be used in both rinse-off and leave-in skin and hair care applications. It is easy to conjunct with the negative charge of human skin and hair, lends to increase its affinity. Meanwhile, it can reduce the tangle of hair in anionic surfactants such as SLS and SLES formulation, providing detangling property. Moreover, it improves wet combing of hair, makes hair more shiny, supple and easy to sort out.

Specification

Parameter	Value
Appearance	Yellowish clear viscous liquid
Saponification value(mgKOH/g)	≤ 3.0
Acid value(mgKOH/g)	≤2.5
Solid content(%)	≥25
Color(APHA)	≤100

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

Properties

- Low viscous liquid. Easy to use.

- Provide excellent conditioning and anti-static property, improve wet & dry combability.
- Good moisturizing agent.
- Good compatibility with all kinds of surfactants
- Can be used in rinse-off or leave-in products
- Improve foam ability.

Applications

- Cream and eye cream
- Lotion
- Hair treatment, conditioner
- Soap
- Styling product
- Body wash (adult and baby)
- Facial cleanser

Formula Guidelines

Typically used at a level of 0.5~3.0%.

Add to formulation directly during the last procedure.

Storage & Handling

Standard Packing:25kg/drum

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

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DOC NO.: TC-MM-技术服务-***

Version: A/0

last version date: 2007-09-14