



CETETH 25

INCI Name

CETEARETH-25

Description

CETETH 25 is synthesized by natural saturated fatty alcohol and Ethylene oxide. It is an excellent and popular O/W emulsifier, suggested to combine with CETETH 6. It can resist inorganic salt, high or low pH. And it imparts finished-product of high stability and fine appearance. It is recommended to be used in cream, lotion, even formula containing AHA, as well as strong alkali formula, like hair dye, body hair remover.

Specification

Parameter	Value
Appearance	White flake
Saponification value(mgKOH/g)	≤3
Hydroxyl value(mgKOH/g)	35-45
Acid value(mgKOH/g)	≤1.0
Water content(%)	≤1.5

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

Properties

- Excellent emulsifying capacity even to polar oils.
High efficiency with little dosage.
- Contribute finished product shining and fine appearance, also help to prolong shelf life.
- Resist some electrolyte, acid or alkali.

Applications

Cream, lotion
Hair color cream
Hair remover cream

Formula Guidelines

Typically used at a level of total dosage with

CETETH 25:

2.0%-4.0%

Allow dosage increased to 6% in specific formula

CETETH 6:CETETH 25 = 50%:50%

- How to handle in formula –
Add into oil phase. Heat to 70-80°C. Add oil phase into water phase while mixing. Then mix by a homogenizer.

Storage & Handling

Standard Packing: 25kg/bag

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

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