

iEMUL A6

INCI Name (US): Cetareth-6 (And) Cetearyl Alcohol

INCI Name (EU): Cetareth-6 (And) Cetearyl Alcohol

CAS #: 68439-49-6& 8005-44-5

General Information/ Characteristics: iEmul A6 is synthesized by natural saturated fatty alcohol and Ethylene Oxide. It is an excellent popular Oil/Water emulsifier, suggested to combine with Cetareth-25. It can resist inorganic salt, high or low pH. And it imparts cream 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, depilatory cream dispersing agent

- Benefits / Application:**
- 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.
- Application
 - Skin care creams and lotions;
 - Micro emulsion gels,
 - Hair relaxers and perms ,
 - Depilatories Antiperspirants
 - Shaving products
 - Color cosmetics
 - Feet, Hands & Nails products
 - Styling Relaxing/Permanent waves
 - Roll on Other (cream)
 - Face Coloring
 - Conditioners

Formulations Advices: Typically used at a level of total dosage with Cetareth-25: 2.0% - 4.0%. Allow dosage increased to 6% in specific formula.

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.

Regulatory Status: No applicable

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Physic-Chemical Properties:

Appearance	White soft wax
Saponification value (mg KOH/g)	Max. 3.0
Acid value (mg KOH/g)	Max. 1.0
Hydroxyl value (mg KOH/g)	115 – 135
Water content (%)	1.5

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

Additives:

Preservatives: No applicable

Shelf Life / Storage Conditions

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

Packaging:

50 kg/drum

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