

# MILD SURFACTANTS



## Product Bulletin

### TC-CAO 30

#### INCI Name

COCAMIDOPROPYLAMINE OXIDE

#### Description

Cocamidopropylamine oxide is a mild amphoteric surfactant which is compatible with all kinds of surfactant. 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 performance. It's widely used in shampoo, foamy body wash, facial cleanser, baby product, household detergent and so on.

#### Specification

Parameter	Value
Appearance	Colorless to light yellow, transparent liquid
Color (Hazen)	≤50
pH (25°C, 10% soln.)	6.0-8.0
Actives content (%)	30.0±2.0
Free amine (%)	≤0.1
H <sub>2</sub> O <sub>2</sub> residues (%)	≤0.1

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

#### Properties

- Mild amphoteric surfactant, favorable compatibility with other anionic, cationic or nonionic surfactants.
- Mild to skin and hair, effectively reduce irritation caused by other surfactants.
- Boost foamability, generate fine, rich and creamy foam.

- Excellent thickening property especially to anionic surfactant of specific ratio.
- Good conditioner with favorable antistatic property.

#### Application

- Hand soap, body wash
- Shampoo
- Foam shaving product
- Facial cleanser
- Baby product
- Tableware detergent and other hard surface detergent

#### Dosage

3.0-10.0%

#### Usage

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

#### Storage & Handling

**Standard packing:** 200kg/drum

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

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