



## Technical Data Sheet

## ICC-Ethoxylated Products

**Chemical Name:** COCONUT FATTY ACID ETHOXYLATE 10

**Grade:** Chemical

### Polyether Triols

**CAS Name:** Coconut acid hydroxypolyoxy ethylene, Coconut acid polyethylene Glycol, Coconut acid Ethoxylate

Coconut fatty acid Ethoxylates are non-ionic surfactants obtained by adding Ethylene oxide (EO) to Coconut fatty acid. The Coconut fatty acid Ethoxylates designated by the name "CAE" followed by a number indicating the average number of ethylene oxide molecules added.

### Application

CAE10 is an emulsifier, lubricant additive for metal working, textiles, and cosmetics and as defoaming agent in some industries.

### Storage and Handling

CAE10 should be stored in a dry covered area at a distance from sources of heat or ignition.

The extinguishing agents are carbon dioxide and dry chemical powder.

Recommended materials to store, handling and distribution CAE10 are stainless steel, carbon steel, galvanized steel and carbon steel coated with epoxy or PVC or polyester in drum or tank.

**Shelf life:** 24 months from the date of manufacture.

TEST	STANDARD TEST METHOD	RESULT
Appearance at 25°C	—	Yellow Liquid
Average molecular weight, g/mol	Calculated	659
pH (5% in water)	ASTM D-1172	5-7
Cloud point, °C (10% in 25% BDG)	ASTM D-2024	64-70
Density at 25°C, g/ml	ASTM D-1298	1.03±0.02
HLB, calculated	Calculated	13.3
Water, percent	ASTM E-203	Max. 0.5
Saponification No.	ASTM D-5558	84-91

### Safety

CAE10 is not irritating to the eyes or skin however when handling pure chemical products, we recommend the use of individual protection equipment such as PVC gloves, safety goggles and an apron.

In the event of accidental contact, proceed as follows:

**Eyes:** wash immediately with plenty of water for at least 15 minutes.

**Skin:** wash the area affected with plenty of water and remove contaminated clothing.

**Ingestion:** seek medical care urgently.