

Oleic Acid Ethoxylate

Fatty acid ethoxylate, 3–12 moles EO

Product Description

Oleic Acid Ethoxylate is a non-ionic surfactant used as emulsifier in textile, agrochemical and cosmetic industries. Available in 3 to 12 moles EO grades.

Certificate of Analysis

HSN Code: 3402.13 CAS Number: 9004-96-0 Classification: Non-ionic Surfactant

Parameter	Specification	Test Method
Appearance	Amber liquid	Visual
Active Content	"e 9 9 %	Gravimetric
HLB Value	5–12 (grade dependent)	Calculated
pH (1% solution)	5.5–7.5	USP <791>
Acid Value	"d 5 m g K O H / g	AOCS Cd 3d-63
Iodine Value	2 5 – 5 5 g I , / 1 0 0 g	Wijs method
Viscosity	Grade dependent (mPas at 25°C)	Brookfield
Heavy Metals	"d 2 0 p p m	USP <231>

Physical Properties

Appearance: Amber liquid

Molecular Formula: $C_{18}H_{33}O_2$

Molecular Weight: Grade dependent (MW: 380–1300 g/mol)

Solubility: Dispersible to soluble in water; soluble in oils and alcohols

Melting Point: N/A (liquid at room temperature)

Packing: 200 kg HDPE drums; 50 kg carboys

Storage: Store in a cool, dry place. Avoid oxidative conditions. Temperature: 10–35°C.

Safety & Handling

PPE: Gloves, safety goggles, lab coat

Hazards:

- Mild irritant
- Harmful to aquatic organisms