

Oleyl Alcohol Ethoxylate

Fatty alcohol ethoxylate, 5–20 moles EO

Product Description

Oleyl Alcohol Ethoxylate is a non-ionic emulsifier and wetting agent used in textile, leather and cosmetic applications. Available in 5 to 20 moles EO grades.

Certificate of Analysis

HSN Code: 3402.13 CAS Number: 9004-98-2 Classification: Non-ionic Surfactant

Parameter	Specification	Test Method
Appearance	Pale yellow liquid	Visual
Active Content	"e 9 9 %	Gravimetric
HLB Value	6–15 (grade dependent)	Calculated
pH (1% solution)	5.0–7.5	USP <791>
Iodine Value	2 0 – 4 0 g l , / 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: Pale yellow liquid

Molecular Formula: $C_{27}H_{54}O_{(n+1)}$

Molecular Weight: Grade dependent (MW: 400–1100 g/mol)

Solubility: Soluble in water (high EO grades); dispersible in mineral oils

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

Packing: 200 kg HDPE drums; 50 kg carboys

Storage: Store in a cool, dry place away from direct sunlight. Temperature: 10–35°C.

Safety & Handling

PPE: Chemical-resistant gloves, safety goggles, lab coat

Hazards:

- Mild irritant to eyes and skin
- Harmful to aquatic organisms