

2-Ethyl Hexanol Ethoxylate

Fatty alcohol ethoxylate, 5–20 moles EO

Product Description

2-Ethyl Hexanol Ethoxylate is a low-foam non-ionic surfactant used in industrial cleaners and metalworking fluids. Available in 5 to 20 moles EO grades.

Certificate of Analysis

HSN Code: 3402.13 CAS Number: 26468-86-4 Classification: Non-ionic Surfactant

Parameter	Specification	Test Method
Appearance	Clear colorless liquid	Visual
Active Content	"e 9 9 %	Gravimetric
HLB Value	5–11 (grade dependent)	Calculated
pH (1% solution)	6.0–8.0	USP <791>
Cloud Point	Grade dependent	IP 219
Viscosity	Grade dependent (mPas at 25°C)	Brookfield
Heavy Metals	"d 2 0 p p m	USP <231>

Physical Properties

Appearance: Clear colorless liquid

Molecular Formula: $C^{16}H_{34}O_9$

Molecular Weight: Grade dependent (MW: 250–690 g/mol)

Solubility: Soluble in water (high EO grades); soluble in alcohols and hydrocarbons (low EO)

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

Packing: 200 kg HDPE drums; 50 kg carboys; bulk tankers available

Storage: Store in a cool, dry, well-ventilated area. Temperature: 10–35°C.

Safety & Handling

PPE: Gloves, safety goggles, lab coat

Hazards:

- Mild eye and skin irritant
- Avoid inhalation of vapours