

Soya Oil Ethoxylate

Natural oil ethoxylate, 3–10 moles EO

Product Description

Soya Oil Ethoxylate is a bio-based emulsifier and wetting agent used in agrochemical formulations and industrial applications. Available in 3 to 10 moles EO grades.

Certificate of Analysis

HSN Code: 3402.13

CAS Number: 68920-66-1

Classification: Non-ionic Surfactant

Parameter	Specification	Test Method
Appearance	Amber liquid	Visual
Active Content	"e 99 %	Gravimetric
HLB Value	5–8 (grade dependent)	Calculated
pH (1% solution)	5.5–7.5	USP <791>
Acid Value	"d 2 m g K O H / g	AOCS Cd 3d-63
Iodine Value	50 – 90 g I, / 100 g	Wijs method
Heavy Metals	"d 20 p p m	USP <231>

Physical Properties

Appearance: Amber liquid

Molecular Formula: Soya oil-(EO)TM polymer

Molecular Weight: Grade dependent (MW: 900–2500 g/mol)

Solubility: Dispersible in water; soluble in vegetable oils and organic solvents

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: 10–30°C.

Safety & Handling

PPE: Gloves, safety goggles, lab coat

Hazards:

- Mild irritant
- Harmful to aquatic organisms