

Styrenated Phenol Ethoxylate

Alkyl phenol ethoxylate surfactant, 10–30 moles EO

Product Description

Styrenated Phenol Ethoxylate is a non-ionic emulsifier used in paints, coatings, and agrochemical emulsifiable concentrates. Available in 10 to 30 moles EO grades.

Certificate of Analysis

HSN Code: 3402.13 CAS Number: 104376-75-2 Classification: Non-ionic Surfactant

Parameter	Specification	Test Method
Appearance	Clear amber liquid	Visual
Active Content	"e 9 9 %	Gravimetric
HLB Value	10–15 (grade dependent)	Calculated
pH (1% aqueous)	5.5–7.5	USP <791>
Cloud Point	Grade dependent	IP 219
Moisture	"d 0 . 5 %	Karl Fischer
Heavy Metals	"d 2 0 p p m	USP <231>

Physical Properties

Appearance: Clear amber liquid

Molecular Formula: Styrenated phenol-(EO)[™] polymer

Molecular Weight: Grade dependent (MW: 500–1500 g/mol)

Solubility: Soluble in water and polar 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 away from direct sunlight. Temperature: 10–35°C.

Safety & Handling

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

Hazards:

- Irritating to eyes and skin
- Harmful to aquatic life with long lasting effects