

Tallow Amine Ethoxylate

Fatty amine ethoxylate, 2–15 moles EO

Product Description

Tallow Amine Ethoxylate is a cationic/non-ionic surfactant used in agrochemical formulations, corrosion inhibitors and fabric softeners. Available in 2 to 15 moles EO grades.

Certificate of Analysis

HSN Code: 3402.13

CAS Number: 61791-26-2

Classification: Cationic / Non-ionic Surfactant

Parameter	Specification	Test Method
Appearance	Amber viscous liquid	Visual
Active Content	"e 9 9 %	Gravimetric
HLB Value	5–14 (grade dependent)	Calculated
pH (1% aqueous)	9–11	USP <791>
Amine Value	Grade dependent (mg HCl/g)	ASTM D2073
Viscosity	Grade dependent (mPas at 40°C)	Brookfield
Heavy Metals	"d 2 0 p p m	USP <231>

Physical Properties

Appearance: Amber viscous liquid

Molecular Formula: Tallow amine-(EO)[™] polymer

Molecular Weight: Grade dependent (MW: 430–1200 g/mol)

Solubility: Soluble in dilute acids; dispersible in water; soluble in organic solvents

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

Packing: 200 kg HDPE drums; 50 kg carboys

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

Safety & Handling

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

Hazards:

- Corrosive to eyes
- Harmful to aquatic organisms
- Alkaline — causes skin burns with prolonged contact