



ECOSURF™ SA-9 Surfactant

Product Information

Chemical Description

Name: Seed oil surfactant

Surfactant Type: Nonionic

Benefits

- Superior wetting
- Excellent detergency
- Rapid dissolution & good rinseability
- Low odor
- No gel range
- Outstanding formulation & handling properties
- Readily biodegradable (OECD 301)

Applications

This product is suitable for use in applications such as:

- Hard surface cleaners
- High performance cleaners
- Concentrates
- Prewash spotters
- Paints & coatings
- Pulp & paper
- Oilfield
- Paints & coatings
- Agrochemicals

Typical Physical Properties

These properties are typical but do not constitute specifications.

Cloud Point ¹	57
HLB ²	11 - 13
Moles EO	Proprietary
Pour Point ³	4°C
Appearance	Pale yellow liquid
pH, 1% aq solution	7.1
Viscosity at 40°C (104°F), cSt	30.225
Density at 20°C (104°F), g/mL	0.9831
Flash Pt, Closed Cup, ASTM D93	193°C 380°F (est)

¹ Cloud point: °C, 1 wt% actives aqueous solution

² HLB Range: 10 o/w emulsifier, 10-15 good wetting, 12-15 detergents

³ Pour point: °C

Typical Performance Properties

CMC ⁴	22
Surface Tension ⁵	29
Foam Height ⁶	100 / 20

⁴ Critical micelle concentration: ppm at 25°C

⁵ Surface tension: dynes/cm at 1% actives, 25°C

⁶ Ross-Miles foam height: mm at 0.1 wt% actives, 25°C, initial / 5 minute

Solubility and Compatibility

- Dispersible in water
- Soluble in chlorinated solvents and most polar organic solvents
- Chemically stable in the presence of dilute acids, bases and salts
- Compatible with anionic , cationic, and other nonionic surfactants

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