



Technical Data Sheet

ECOSURF™ SA-4 Surfactant

Chemical Description

Name: Seed oil surfactant

Surfactant Type: Nonionic

Sustainability Attribute:



Uses / Applications

- Hard surface cleaners
- High performance cleaners
- Concentrates
- Prewash spotters
- Paints and coatings

- Pulp and paper
- Textile
- Oilfield
- Agrochemicals

Benefits

- Superior wetting
- Excellent detergency
- Rapid dissolution and good rinseability

- No gel range
- Outstanding formulation and handling properties
- Readily biodegradable (OECD 301)

Typical Physical Properties¹

Property	Unit	Result
Cloud Point ¹		57
Cloud Point ²		Dispersible
HLB ³		7.5
Moles EO		Proprietary
Pour Point ⁴	°C	-8
Appearance		Pale yellow liquid
pH, 1% aq solution		6.5
Viscosity at 40°C (104°F)	cSt	29.6
Density at 20°C (104°F)	g/mL	0.9579
Flash Pt, Closed Cup, ASTM ⁵ D93	°C (°F)	240 (464) (est)

1. Cloud point: °C, 10 wt% actives in 25% Dowanol DB
2. 1% aqueous solution
3. HLB Range: < 10 w/o emulsifier, > 10 o/w emulsifier, 10–15 good wetting, 12–15 detergents
4. Pour point: °C
5. ASTM: American Society for Testing and Materials

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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