

**DOWFAX™ 30599 Surfactant**

## Product Information

**Chemical  
Description**

Name: Alkyldiphenyloxide Disulfonate

Surfactant Type: Anionic

**Benefits**

- Emulsion stabilizer with low reactor waste
- Stable in acidic, alkaline & oxidizing systems

**Applications**

- Emulsion polymerization

**Typical Physical Properties**

Actives, wt%	45
Diluent	Water
Appearance	Liquid, yellow/brown
pH, 10% aq solution	8-10.5
Viscosity at 25°C (77°F), cps	45
Density at 25°C (77°F), g/mL	1.10-1.20
Flash Pt, Closed Cup, ASTM D93	None

**Typical Performance Properties**

Surface Tension <sup>(1)</sup>	Neutral <sup>(3)</sup>	33
	Alkaline <sup>(4)</sup>	34
Foam <sup>(2)</sup>	Neutral <sup>(3)</sup>	154/145
	Alkaline <sup>(4)</sup>	130/125

<sup>(1)</sup> Surface Tension: dynes/cm at 1 wt% actives, 25°C<sup>(2)</sup> Ross-Miles foam height: mm at 1 wt% actives, 25°C, initial /5 minute<sup>(3)</sup> Actual pH = 7 (distilled water)<sup>(4)</sup> Actual pH = 12.5 (sodium hydroxide solution)**Solubility and  
Compatibility**

- Soluble in water
- Highly soluble in strong acid and alkali solutions

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<http://www.dow.com/surfactants>

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