

DOW Surfactants

DOWFAX* 2A1 Surfactant

<p>Benefits</p> <ul style="list-style-type: none"> • Emulsion stabilizer • Dispersant • Rinseability 	<p>Applications</p> <ul style="list-style-type: none"> • Emulsion polymerization • Cleaners • Textile • Pulp/paper • Agrochemicals • Oilfield • Fragrance solubilization 																										
<p>Physical Properties</p> <table border="0"> <tr> <td>Actives, wt%</td> <td>45</td> </tr> <tr> <td>Solvent</td> <td>Water</td> </tr> <tr> <td>Appearance</td> <td>Amber liquid</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>pH, 10% aq solution</td> <td>8-10.5</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Viscosity at 25°C (77°F), cps</td> <td>145</td> </tr> <tr> <td>Density at 25°C (77°F), g/mL</td> <td>1.10-1.20</td> </tr> <tr> <td>Flash Pt, Closed Cup, ASTM D93</td> <td>None</td> </tr> </table> <p>NOTE: Additional physical and chemical property data is located on the product Material Safety Data Sheet.</p>	Actives, wt%	45	Solvent	Water	Appearance	Amber liquid			pH, 10% aq solution	8-10.5			Viscosity at 25°C (77°F), cps	145	Density at 25°C (77°F), g/mL	1.10-1.20	Flash Pt, Closed Cup, ASTM D93	None	<p>Performance Properties</p> <table border="0"> <tr> <td>Equilibrium surface tension¹, dynes/cm</td> <td>34</td> </tr> <tr> <td>Critical micelle concentration in 0.1M NaCl at 25°C (77°F), g/100g</td> <td>0.007</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Ross-Miles Foam Test, Initial/5 min, 1.0% at 25°C (77°F), mm</td> <td>140/130</td> </tr> </table> <p>¹Measured at 1.0 wt% and 25 °C (77 °F)</p>	Equilibrium surface tension ¹ , dynes/cm	34	Critical micelle concentration in 0.1M NaCl at 25°C (77°F), g/100g	0.007			Ross-Miles Foam Test, Initial/5 min, 1.0% at 25°C (77°F), mm	140/130
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<p>Solubility and Compatibility</p> <ul style="list-style-type: none"> • Soluble in water • Excellent solubility & stability in acidic, alkaline, bleach and other oxidizing systems 	<p>Chemical Description</p> <p>Name: Alkyldiphenyloxide Disulfonate</p> <p>Surfactant Type: Anionic</p>																										

Additional product information and performance data is available by requesting datasheets that are listed on the backside of this page.

Datasheets

- DOW Specialty Surfactants Reference Chart, 119-01491
- DOW Guide to Products & Performance for Emulsion Polymerization, 119-01553
- DOW Guide to Products & Performance for Paints, Coatings, & Inks, 119-01862
- Contact DOW Customer Service for current listing on conformance of DOWFAX Surfactants with U.S. FDA & EPA Regulations



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