

## Surf's Up® Surfactant Data Table

Surfactants provided as 10% aqueous solutions. Store at room temperature away from direct sunlight.

No.	Name	MW	Class	Application	HLB No.	
1	<b>Aerosol® OT</b> Sodium dioctyl-sulfosuccinate	445	Anionic	Good wetter and emulsifier. Good antifog, mold release and dispersing properties.	13.5	<a href="#">More...</a>
2	<b>Benzalkonium chloride</b>	340	Cationic	Solvent compatible, antimicrobial.	Not available	<a href="#">More...</a>
3	<b>BRIJ® 35</b> Polyoxyethylene (35) dodecyl ether	1200	Non-ionic	Good solubilizer and emulsifier.	16.9	<a href="#">More...</a>
4	<b>BRIJ® 52</b> Polyethylene glycol hexadecyl ether	330	Non-ionic	Good solubilizer and emulsifier.	5	<a href="#">More...</a>
5	<b>BRIJ® 98</b> Polyoxyethylene (20) oleyl ether	1150	Non-ionic	Good solubilizer and emulsifier.	15	<a href="#">More...</a>
6	<b>CHEMAL LA-9</b> Polyoxyethylene (9) lauryl alcohol	583	Non-ionic	Protein solubilization.	13.3	<a href="#">More...</a>
7	<b>Cremophor® EL</b> Polyethoxylated (35) castor oil	3000	Non-ionic	Non-hemolytic, solvent compatible, good emulsifier and solubilizer.	12-14	<a href="#">More...</a>
8	<b>IGEPAL® CA-630</b> Octylphenoxypoly(ethyleneoxy) ethanol, branched	~603	Non-ionic	Solvent compatible, good emulsifier.	13	<a href="#">More...</a>
9	<b>Merpol® A</b> Octyl alcohol phosphate esters	~350-650	Non-ionic	Low foaming wetting agent soluble in many organics.	6	<a href="#">More...</a>
10	<b>Pluronic® F68</b> Poly(oxyethylene-cooxypropylene) block copolymer	8400	Non-ionic	Good solubilizer.	>24	<a href="#">More...</a>
11	<b>Pluronic® F127</b> Poly(oxyethylene-cooxypropylene) block copolymer	12500	Non-ionic	Good dispersant and anti-foaming agent.	18-23	<a href="#">More...</a>
12	<b>Pluronic® L64</b> Poly(oxyethylene-cooxypropylene) block copolymer	2900	Non-ionic	Non-hemolytic, solvent compatible, low foaming, good wetter.	12-18	<a href="#">More...</a>
13	<b>Silwet® L7600</b> Polydimethylsiloxane methylethoxylate	4000	Non-ionic	Non hemolytic, water soluble, silicone base, good anti-fogger.	13-17	<a href="#">More...</a>
14	<b>Surfactant 10G</b> p-Isononylphenoxy-poly(glycidol)	Mixture	Non-ionic	Non-hemolytic, enzyme compatible, low foaming, good wetter.	12.4	<a href="#">More...</a>
15	<b>2,4,7,9-tetramethyl-5-decyne-4,7-diol ethoxylate</b> Equivalent to Surfynol®	700	Non-ionic	Non-hemolytic, good wetter and defoamer.	13	<a href="#">More...</a>

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16	<b>Synperonic® F108</b> Polyethylene glycol-polypropylene glycol-polyethyleneglycol triblock polymer	14000	Non-ionic	Good emulsifier and solubilizer.	27	<a href="#">More...</a>
17	<b>Tergitol®</b> Nonylphenol ethoxylate	603	Non-ionic	Water soluble, good emulsifier, stabilizer, and wetter.	17.8	<a href="#">More...</a>
18	<b>Tetronic® 90R4</b> Ethylenediamine tetrakis (ethoxylate-block-propoxylate) tetrol	7200	Amphoteric	Solvent compatible, non-hemolytic, antistatic, good defoamer and disperser.	1-7	<a href="#">More...</a>
19	<b>Triton® X-45</b> Octylphenoxypolyethoxy (5) ethanol	426	Non-ionic	Solvent compatible, good emulsifier and dispersant.	10.4	<a href="#">More...</a>
20	<b>Triton® X-100</b> Octylphenoxypolyethoxy (9-10) ethanol	625	Non-ionic	Enzyme compatible, good emulsifier, wetter, and dispersant.	13.5	<a href="#">More...</a>
21	<b>Triton® X-305</b> Octylphenoxypolyethoxy (30) ethanol	1526	Non-ionic	Non-hemolytic, water soluble, good emulsifier, wetter, and dispersant.	17.3	<a href="#">More...</a>
22	<b>Tween® 20</b> Polyoxyethylene (20) sorbitan monolaurate	1228	Non-ionic	Non-hemolytic, very hydrophilic, good emulsifier and solubilizer.	16.7	<a href="#">More...</a>
23	<b>Tween® 60</b> Polyethylene glycol sorbitan monostearate	1309	Non-ionic	Good emulsifier and solubilizer.	14.9	<a href="#">More...</a>
24	<b>Tween® 80</b> Polyethylene glycol sorbitan monooleate	1310	Non-ionic	Good emulsifier and solubilizer.	15	<a href="#">More...</a>

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