

Surf's Up[®] Surfactant Data Table

Number	Chemical Name	MW	Class	Suggested Application
1	Ninate [®] 411 Amine alkylbenzene sulfonate	385	Anionic	Solvent compatible, good emulsifier.
2	Pluronic [®] F68 Poly(oxyethylene-co-oxypropylene) block copolymer	8400	Non-ionic	Good solubilizer.
3	Zonyl [®] FSN 100 Telomer B monoether with polyethylene glycol		Non-ionic	Good wetter at low concentrations.
4	Aerosol [®] OT 100% Sodium dioctylsulfosuccinate	445	Anionic	Solvent/TMB systems. Good wetter and emulsifier, good antifog, mold release and dispersing properties.
5	Geroon [®] T-77 Sodium N-oleyl-N-methyltaurate	425	Anionic	Good wetter and disperser.
6	Bio-Terge [®] AS-40 Sodium olefin (C ₁₄ -C ₁₆) sulfonate	315	Anionic	Solvent compatible, mild.
7	Standapol ES-1 Sodium polyoxethylene (1) lauryl sulfate	346	Anionic	Strong anionic surfactant. Contains 2 parts in 5 sodium lauryl sulfate.
8	Benzalkonium (C ₈ -C ₁₈) chloride	Mixture	Cationic	Solvent compatible, antimicrobial.
9	Tetric [®] 1307 Ethylenediamine alkoxlate block copolymer	18600	Amphoteric	Solvent compatible, non-hemolytic, antistatic, good defoamer and disperser.
10	Surfynol [®] 465 2,4,7,9-tetramethyl-5-decyne-4, 7-diol ethoxylate (10)	Mixture	Non-ionic	Non-hemolytic, good wetter and defoamer.
11	Surfynol [®] 485 2,4,7,9-tetramethyl-5-decyne-4,7-diol ethoxylate (30)	Mixture	Non-ionic	Non-hemolytic, enzyme-compatible, good wetter and defoamer.
12	IGEPAL [®] CA210272 Octylphenol ethoxylate (1.2)	272	Non-ionic	Solvent compatible, good emulsifier.
13	Triton [®] X-45 Octylphenoxypolyethoxy (5) ethanol	426	Non-ionic	Solvent compatible, good emulsifier and disperser.
14	Triton [®] X-100 Octylphenoxypolyethoxy (9-10) ethanol	625	Non-ionic	Enzyme compatible, good emulsifier, wetter and disperser.

Surf's Up[®] Surfactant Data Table

Number	Chemical Name	MW	Class	Suggested Application
15	Triton [®] X-305 Octylphenoxypolyethoxy (30) ethanol	1526	Non-ionic	Non-hemolytic, water soluble, good wetter and emulsifier.
16	Silwet [®] L7600 Polydimethylsiloxane methylethoxylate	4000	Non-ionic	Non-hemolytic, , water soluble, silicone-base, good anti-fogger.
17	Rhodasurf ON-870 Polyethoxylated (20) oleyl alcohol	1148	Non-ionic	Good emulsifier, solubilizer, and disperser.
18	Cremophor [®] EL Polyethoxylated (35) castor oil	N/A	Non-ionic	Non-hemolytic, solvent compatible, good emulsifier and solubilizer.
19	Tween [®] 20 Polyoxyethelene (20) sorbitan monolaurate	N/A	Non-ionic	Non-hemolytic, very hydrophilic, good solubilizer and emulsifier.
20	Tween [®] 80 Polyoxyethelene (20) sorbitan monolaurate	1310	Non-ionic	Non-hemolytic, very hydrophilic, good solubilizer and emulsifier.
21	BRIJ [®] 35 Polyoxyethylene (23) dodecyl ether	1200	Non-ionic	Good emulsifier.
22	CHEMAL LA-9 Polyoxyethylene (9) lauryl alcohol	583	Non-ionic	Protein solubilization.
23	Pluronic [®] L64 Poly(oxyethylene- co-oxypropylene) block copolymer	2900	Non-ionic	Non-hemolytic, solvent compatible, low foaming, good wetter.
24	Surfactant 10G p-Isononylphenoxy- poly(glycidol)	Mixture	Non-ionic	Non-hemolytic, enzymecompatible, low foaming, good wetter.

Instructions for use:

Surfactants are provided as 10% aqueous solutions. Dilute test surfactant to a final concentration of 0.001% to 1% (v/v) in desired buffer. Store at room temperature away from direct sunlight.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.

**Call your QED representative for our complete product catalog
or visit our website www.qedbio.com**