



Well advised with Roth.

Technical Info

Typical physical and performance properties of Triton® X-100, Tergitol™ 15-S-9 and Ecosurf™ SA-9

These properties are typical but do not constitute specifications.

Properties	Triton® X-100 Item number: 3051	Tergitol™ 15-S-9 Item number: 9975	Ecosurf™ SA-9 Item number: 0982
Chemical description	Octylphenol ethoxylate	Secondary alcohol ethoxylate	Mixture of C ₆ -C ₁₆ ethoxylated and propoxylated alcohols
Surfactant type	Nonionic	Nonionic	Nonionic
Cloud point [°C] 1 wt% actives aq. solution	66	60	57
HLB	13,4	13,3	11-13
pH	6 (5% aq. solution)	7,1 (1% aq. solution)	7,1 (1% aq. solution)
Viscosity	240 cP (25 °C)	60 cP (25 °C)	30,225 cSt (40 °C)
Density [g/ml]	1,061 (at 25 °C)	1,006 (at 20 °C)	0,983 (at 40 °C)
CMC [ppm] (Critical Micelle Concentration, 25 °C)	189	52	22
Surface Tension [dynes/cm] 1 % actives, 25 °C	33	30	29
Foam Height [mm] Ross-Miles foam height: 0.1 wt% actives, 25 °C, initial/5 minute	128/107	124/43	100/20

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