



TRITON™ X-200K Surfactant

Chemical Description

Name: Polyether sulfonate
Surfactant Type: Anionic

Benefits

- Excellent detergent with lathering properties
- High stable foam
- Low toxicity
- Effective in hard water
- Good stability to electrolytes & chlorine

Applications

- Personal care
- Emulsion polymerization
- Cleaners

Typical Physical Properties

These properties are typical but do not constitute specifications.

Actives, wt%	28
Diluent	Water
Appearance ¹	Opaque white liquid
pH, 5% aq solution	6.6
Viscosity at 25°C (77°F), cP	7000
Density at 25°C (77°F), g/mL	1.068
Flash Pt, Closed Cup, ASTM D93	None
Pour point, °C (°F)	-1 (30)

¹ Appearance at 25°C

Typical Performance Properties

Surface Tension ²	Neutral ⁴	28
	Alkaline ⁵	29
Foam ³	Neutral ⁴	182/182
	Alkaline ⁵	180/175
Draves 25 sec wetting conc, wt% at 25°C (77°F)		0.07

² Surface Tension: dynes/cm at 1 wt% actives, 25°C

³ Ross-Miles foam height: mm at 1 wt% actives, 25°C, initial / 5 minute

⁴ Actual pH = 7 (distilled water)

⁵ Actual pH = 12.5 (sodium hydroxide solution)

Solubility and Compatibility

- Soluble in water
- Chemically stable in acids & bases
- Compatible with nonionic and other anionic surfactants

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