

Technical Data Sheet

PRAEPAGEN® TQ

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Cationic surfactant for the detergent industry

Composition Triethanolamine di-esterquat methosulphate based on mainly C_{16/18} saturated and unsaturated fatty acids

Product properties *)

Concentration [%]	Approx. 90
Water (Karl Fischer method) [%]	Max. 0.5
Appearance	White to yellowish, waxy paste
Isopropanol [%]	< 10
pH value (5 % in IPA/water 1:1)	Approx. 3
Dilutability, 1 % aqueous	In hot water dispersible
Density at 50 °C [g/cm³]	Approx. 0.95
Acid value [mg KOH/g]	Max. 20
Amine value [mg KOH/g]	1.1 – 3.4

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Application

Fabric softeners

Storage and handling

Praepagen TQ can be stored for at least 2 years in original sealed containers at room temperature under the recommended conditions.

The storage temperature of the melted product should be 50-55 °C. For long-term storage of the liquid product the temperature should not exceed 55 °C.

Higher temperatures lead to discoloration and loss of solvent. It is better to keep the product liquid than repeatedly allow it to set and remelt it. Stainless steel containers or steel containers with rubber lining are suitable (eg. Genakor® - registered trade mark of Sigri-Great-Lakes)

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