

Product Sheet

PRAEPAGEN® TQSV-IPA

CLARIANT 

PRAEPAGEN®
TQSV-IPA



Cationic surfactant for the detergent industry

CLARIANT INTERNATIONAL LTD
BU INDUSTRIAL & CONSUMER
SPECIALTIES
HOME CARE

Composition

Triethanolamine esterquat methosulphate based on mainly C16/18 saturated and unsaturated fatty acids of vegetable origin

Rothausstrasse 61
4132 Muttenz
Switzerland

industrialhomecare@clariant.com

www.clariant.com/ecotain

www.clariant.com/industrialhomecare

Physical Properties

PRAEPAGEN® TQSV-IPA is a waxy substance that contains approx. 10% isopropanol.

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Properties ¹	PRAEPAGEN® TQSV-IPA
Appearance	white to yellowish waxy paste
Gardner color	2
Active - Epton (meq)	1,08
pH value (@ 20°C, 10 g/l)	3,5
Melting range	40-50 °C
Density (DIN EN ISO 12185)	0,973 g/cm ³ (60 °C)
Dynamic Viscosity (DIN 53015)	225 mPa.s (60 °C)
Solubility in water	Water dispersible

¹ These characteristics are for guidance only and should not be taken as product specifications. The tolerances are given in the product specification sheet. For other information on product properties, toxicological, ecological and safety data, please refer to the MSDS

Performance Properties & Applications

Praepagen® TQSV-IPA is a cationic surfactant ideal for fabric conditioners and textile softening auxiliaries. It can be used for household and institutional products. Fabric conditioners can be formulated with an active content of Praepagen TQSV-IPA from 3-20%. Above 10% the use of viscosity regulators like magnesium or calcium chloride may be required. Preservation agents should be selected from the group of cationic compatible materials, the use of isothiazolones, especially CIT and MIT is not recommended as odour issues can be generated. Viscosity of low active formulations can be adjusted with polymeric thickeners.

Storage

Praepagen® TQSV-IPA can be stored for at least 1 year in original sealed containers at room temperature under the recommended conditions.

The handling temperatures of the product should be max. 60°C. 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 and/or exposure to air lead to discoloration and loss of solvent. It is preferred to keep the product liquid than repeatedly allow it to set and remelt it. In the process of cooling or cold material the product can show two phases of differing composition, it is therefore important to completely remelt the product and to homogenize it. Stainless steel containers or steel containers with rubber lining are suitable.

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