

Product Fact Sheet



EMULSOGEN[®] EPN 217

Nonionic emulsifier for emulsion polymerization

CLARIANT INTERNATIONAL LTD

COMPOSITION

Oxoalcohol polyethylene glycol ether with 21 mole ethylene oxide

Rothausstrasse 61
4132 MuttENZ
Switzerland

PRODUCT PROPERTIES^{*)}

Active substance content	about 70 %
Appearance	at 5°C: clear, colourless liquid at 20°C: clear, colourless liquid at 40°C: clear, colourless liquid
pH value (DIN EN 1262), 1% in water	6 - 8
Solubility at 20 °C	Soluble in water
HLB value	About 17
Density (DIN 51757) at 20 °C	approx. 1.07 g/cm ³
Viscosity at 20 °C (Brookfield DV II, spindle 4)	about 670 mPas
Critical Micelle Concentration	c.m.c. = 0,91 g/l Emulsogen EPN 217

BUSINESS UNIT INDUSTRIAL &
CONSUMER SPECIALTIES

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^{*)} These characteristics are for guidance only and are not to be taken as product specifications. The tolerances are given in the product specification sheet. For further information on product properties, toxicological, ecological and safety data, please refer to the safety data sheet.

USE

Emulsogen EPN 217 is used as emulsifier in emulsion polymerization of olefinic monomers to reduce the grit level during polymerization and to improve the dispersion properties such as freeze-thaw stability, electrolyte and shear stability.

Emulsogen EPN 217 is readily dissolved in water without forming a strong gel phase.

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