

# Product Fact Sheet



## EMULSOGEN<sup>®</sup> LCN 217

### Nonionic emulsifier for industrial applications

CLARIANT INTERNATIONAL LTD

#### COMPOSITION

Alkyl polyethylene glycol ether with 21 mole ethylene oxide

Rothausstrasse 61  
4132 Muttenz  
Switzerland

#### PRODUCT PROPERTIES<sup>\*)</sup>

<b>Active substance content</b>	about 70% in water
<b>Appearance</b>	at 5°C: clear liquid at 25°C: clear liquid at 50°C: clear liquid
<b>Density at 25°C (DIN 51757)</b>	About 1.07 g/cm <sup>3</sup>
<b>Viscosity (Brookfield, spindle 4, 25°C)</b>	about 340 mPa*s
<b>Flash point (DIN/ISO 2592)</b>	> 100°C
<b>pH of a 1% aqueous solution</b>	About 6 – 8
<b>Solubility in water</b>	Emulsofen LCN 217 is soluble in water in any ratio to produce a clear solution.
<b>Surface Activity</b>	c.m.c.: about 2,5 g/l based on active material lowest observed surface tension: about 34 mN/m
<b>Crystallization point</b>	about 0°C
<b>Biology</b>	Emulsofen LCN 217 is ready biodegradable and contains no additional biocides.

BUSINESS UNIT INDUSTRIAL &  
CONSUMER SPECIALTIES

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<sup>\*)</sup> 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

Emulsofen LCN 217 is used as an emulsifier for emulsion polymerization improving the shear, temperature and electrolyte stability of polymer dispersions. Recommended usage: 2 % active based on monomers.

Emulsofen LCN 217 is used as a dispersing agent for emulsion paints to improve the scrub resistance.

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