

Product Fact Sheet



EMULSOGEN[®] LCN 118

Nonionic emulsifier for industrial applications

CLARIANT INTERNATIONAL LTD

COMPOSITION

Alkyl polyethylene glycol ether with 11 mole ethylene oxide

Rothausstrasse 61
4132 Muttenz
Switzerland

PRODUCT PROPERTIES^{*)}

Active substance content	About 80% in water
Appearance	At 5°C: clear liquid At 25°C: clear liquid At 50°C: clear liquid
Density at 25°C (DIN 51757)	About 1,05 g/cm ³
Viscosity (Brookfield, spindle 4, 25°C)	About 270 mPa*s
Flash point (DIN/ISO 2592)	> 100°C
pH of a 1% aqueous solution	About 6 – 8
Solubility in water	Emulsofen LCN 118 is soluble in water in any ratio to produce a clear solution.
Crystallization point	below 5°C
Surface Activity	C.M.C.: about 0,9 g/l based on active material, lowest observed surface tension: about 29 mN/m
Biology	Emulsofen LCN 118 is ready biodegradable and contains no additional biocides.

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

Emulsofen LCN 118 is used as emulsifier for emulsion polymerization improving the shear, temperature and electrolyte stability of polymer dispersions. Recommended usage: 2 % active based on monomers.

Emulsofen LCN 118 is used as a wetting and dispersing agent for emulsion paints to improve the wetting of pigments and to stabilize the emulsion polymer in the paint formulation.

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