

# Product Fact Sheet



## EMULSOGEN<sup>®</sup> LCN 088

### Nonionic emulsifier for industrial applications

CLARIANT INTERNATIONAL LTD

#### COMPOSITION

Alkyl polyethylene glycol ether with 8 mole ethylene oxide

Rothausstrasse 61  
4132 Muttentz  
Switzerland

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

Active substance content	about 80%
Appearance	at 5°C: cloudy liquid at 25°C: clear liquid at 50°C: clear liquid
Density at 25°C (DIN 51757)	about 1.02 g/cm <sup>3</sup>
Viscosity (Brookfield, spindle 4, 25°C)	about 120 mPa*s
Flash point (DIN/ISO 2592)	> 150°C
pH of a 1% aqueous solution	about 6 – 8
Solubility in water	Emulsofen LCN 088 is soluble in water in any ratio to produce a clear solution.
Crystallization point	< - 5°C
Surface Activity	critical micelle concentration: about 0,56 g/l a.s. surface tension at 1 g/l a.s.: about 25 mN/m
Biology	Emulsofen LCN 088 is ready biodegradable and contains no additional biocides.

BUSINESS UNIT INDUSTRIAL &  
CONSUMER SPECIALTIES

[www.ics.clariant.com](http://www.ics.clariant.com)  
[www.clariant.com](http://www.clariant.com)

<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 088 is used as a wetting agent for industrial applications in aqueous solutions of 1 - 5 g/l and as dispersing agent in paints and coatings for fillers and pigments in concentrations of 0,1 - 1,0 %.

Emulsofen LCN 088 is used as emulsifier for O/W - emulsions of oils, fats, silicon oils and polyolefin wax emulsions in concentrations of 5- 10 % and for emulsion polymerization in recommended levels of 1 - 2 % based on monomers.

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Clariant makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Clariant's products for its particular application. \* Nothing included in this information waives any of Clariant's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Clariant products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Clariant.

For sales to customers located within the United States and Canada the following applies in addition:

NO EXPRESS OR IMPLIED WARRANTY IS MADE OF THE MERCHANTABILITY, SUITABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE OF ANY PRODUCT OR SERVICE.

© Trademark of Clariant registered in many countries  
© 2012 Clariant International Ltd



CLARIANT INTERNATIONAL LTD