

Technical Data Sheet

EMULSOGEN[®] LA 083

CLARIANT INTERNATIONAL LTD

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Anionic emulsifier and dispersing agent

Composition	Alkyl polyethylene glycol ether sulphate with 8 mole ethylene oxide, ammonium salt
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Product properties ¹

Active substance content	About 30 % in water
Appearance	at 5°C: clear, yellowish liquid at 25°C: clear, yellowish liquid
Density at 25°C (DIN 51757)	About 1.03 g/cm ³
Viscosity (Brookfield, LVT 18, 12 rpm, 25°C)	About 20 mPa*s
Flash point (DIN/ISO 2592)	> 100°C
pH of a 1% aqueous solution	About 7 – 9
Solubility at 25°C	Soluble in water c.m.c.: about 0,03 g/l (active material) lowest observed surface tension: about 34 mN/m
Surface properties (aqueous solution at 25°C)	surface tension at 1 g/l active material: about 35 mN/m
Biology	Readily biodegradable and free of addition preservatives
Naturally derived carbon content	About 44%

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

Profile

Use

Emulsogen® LA 083 is used as an emulsifier for emulsion polymerization of vinyl acetate, acrylic acid esters, methacrylic acid esters, styrene and other monomers. The recommended dosage varies between 0,2 and 2,5 % active material based on monomers.

Emulsogen® LA 083 is used as a dispersing agent for pigments to produce low viscous, stable pigment dispersions. The recommended usage is 5 - 20 % active material based on pigments.

Storage and Shelf Life

Please keep the product in a dry and clean place. When the product has cooled down to less than 0°C, please heat it up to 30°C – 40°C, after stirring it is ready to use again. The shelf life is at least two years when stored in tightly closed containers at 20-25°C in a clean and aerated place. After this period the product should be analyzed for extension of the shelf life.

Preservation

No preservative is added.

Safety

Please see Material Safety Data Sheet before handling the material.

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