

Product Fact Sheet



DISPERSOGEN[®] 145

Anionic wetting and dispersing agent

COMPOSITION

Mixture of the mono- and diester of phosphoric acid based on long chain alkyl polyethylene glycols

PRODUCT PROPERTIES*)

Active substance content	About 99%
Appearance at 25°C	Yellow to brownish liquid
Density at 25°C (DIN 51757)	About 1,03 g/cm ³
Viscosity at 25°C (DIN 51550)	About 2700 mPas
Melting temperature	About 10°C
pH of a 1% solution in water/ IPA 1/3 at 20°C	About 2,5
Solubility in water	Soluble by forming a cloudy solution

*) 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

Dispersogen 145 is used as dispersing agent for point-of-sales colorants in combination with nonionic dispersing agents, e.g. Dispersogen MT 200. The pigment contents of the preparations are usually:

- 50 – 70% inorganic pigments or
- 2 – 25% organic pigments together with 10 – 30% inorganic filler pigments

FORMULATON EXAMPLE

Product	Organic colorants	Inorganic colorants
Dispersogen 145	2 – 3 wt.%	2 – 3 wt.%
Dispersogen MT 200	4 – 8 wt.%	4 – 8 wt.%
Polyglykol G 500	8 - 12 wt.%	10 wt.%
Organic pigments	2 – 25 wt.%	
Inorganic filler pigments	10 – 30 wt.%	
Inorganic colored pigments		50 – 70 wt.%
Remainder biocides, defoamers, pH buffering agents, water		

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

CLARIANT INTERNATIONAL LTD

Rothausstrasse 61
4132 Muttenz
Switzerland

BUSINESS UNIT INDUSTRIAL &
CONSUMER SPECIALTIES

www.ics.clariant.com
www.clariant.com