

# Product Fact Sheet



## DISPERSOGEN<sup>®</sup> 4387

Anionic dispersing agent for pigments and minerals

CLARIANT INTERNATIONAL LTD

### COMPOSITION

Anionic oligomeric ester

Rothausstrasse 61  
4132 MuttENZ  
Switzerland

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

Active substance content	About 80 % in water
Ionicity	anionic
Appearance at 20 °C	Brownish, turbid liquid
Density at 20 °C	Approx. 1.1 g/cm <sup>3</sup>
Solubility at 20°C	soluble in water
pH value (DIN EN 1262), 1 % in water	6 - 8
Flash point (DIN/ISO 2592)	> 120 °C

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

Dispersogen 4387 is a highly efficient dispersing agent for organic and inorganic pigments and is used for waterborne pigment preparations, paper printing inks, textile printing pastes and coatings.

The strengths of Dispersogen 4387 are

- high pigment concentration
- low viscosity of the preparation
- high stability of the preparation in a wide temperature range.

The recommended dosage is 10 - 30 % on organic pigments. Generally the following dosages have been used successfully for certain pigment groups:

Pigment load in the preparation	Dispersogen 4387 dosage on pigments
40 – 50% Azo and benzimidazole pigments	15 – 20% on pigments
40% Naphthol AS pigments	10 – 15% on pigments
20 – 30% quinacridone pigments	20 – 30% on pigments
35 – 45% phthalocyanine pigments	15 – 25% on pigments
30 – 40% polycyclic pigments	20% on pigments
50 – 70% inorganic pigments	5 – 10% on pigments

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