

# Product Fact Sheet



## DISPERSOGEN<sup>®</sup> PSM

Dispersing agent and flow improver for pigment preparations

CLARIANT INTERNATIONAL LTD

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### COMPOSITION

Formulation of alkyl amine

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Rothausstrasse 61  
4132 MuttENZ  
Switzerland

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

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<b>Appearance at 25 °C</b>	Yellow to brownish, viscous liquid
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<b>Viscosity (Brookfield, spindle 4, 100 rpm)</b>	At 25°C: About 600 mPa•s
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<b>Melting range</b>	Between 10 - 15°C
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<b>Density at 25 °C</b>	About 0.94 g/cm <sup>3</sup>
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<b>pH value (DIN EN 1262, 10% in water)</b>	5 – 6
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<b>Flash point</b>	About 94°C
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BUSINESS UNIT INDUSTRIAL &  
CONSUMER SPECIALTIES

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<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.

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### USE

Dispersogen PSM is a dispersing agent and rheology modifier for pigment pastes. Dispersogen PSM can reduce the viscosity of organic and inorganic pigment dispersions, e.g. colorants for the paint industry.

By absorbing onto the pigment surface and formation a protective layer inter-particle forces are shielded and the viscosity of the pigment preparation is decreased.

Dispersogen PSM is combined with dispersing agents like Dispersogen FA, Dispersogen FSE or Dispersogen ECS. The advantages of Dispersogen are the following:

- Reduced viscosity of the pigment dispersions
- Allowing higher pigment concentrations

### DOSAGE

- 2 – 4% based on inorganic pigments
- 4 – 10% based on organic pigments

### GUIDE FORMULATION

- 4 – 6% Dispersogen FSE or Dispersogen FA or 5 – 15% Dispersogen ECS
  - 2,0% Dispersogen PSM
  - 7,0% Polyglykol G 200
  - 50 – 70% PR 101 or PY 42
  - Remainder water, biocide, antifoam
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