

# Product Fact Sheet



## DISPERSOGEN<sup>®</sup> PTS

Nonionic dispersing and wetting agent for organic pigments in dispersions, preparations and coatings

CLARIANT INTERNATIONAL LTD

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CONSUMER SPECIALTIES

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### COMPOSITION

Tristyryl phenol ethoxylate

### PRODUCT PROPERTIES<sup>1)</sup>

Active substance content	About 90 % in water
Byproduct content	Below 10 ppm styrene
Appearance at 20 °C	Yellowish clear liquid
Viscosity at 25 °C (Brookfield, spindle 18)	About 1200 mPa·s
Melting point	About 5 °C
Density at 25 °C	Approx. 1.11 g/cm <sup>3</sup>
pH value (DIN EN 1262), 1% in water	5 - 8
Solubility at 25°C	Soluble in water
HLB value	About 14

<sup>1)</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 PTS is used for aqueous pigment dispersions, preparations, paints and coatings as a wetting and dispersing agent for pigments and as emulsifier for polymer dispersions. Dispersogen PTS is preferably suitable for organic pigments and carbon blacks and allows the production of stable, free flowing pigment preparations with low VOC – content and low odor.

Dosage: 10 – 30% based on pigments.

Dispersogen PTS is also used as emulsifier for polymer dispersions and as wetting agent for emulsion paints. It can improve the color acceptance and compatibility with organic pigments and the stability of paint formulation.

Dosage in emulsion polymers: 1 – 3% based on polymers.

Dosage in emulsion paints: 0,2 – 1% based on the paint formulation.

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