

# Product Fact Sheet



## DISPERSOGEN<sup>®</sup> SNW

### Dispersing Agent for Paints and Coatings

CLARIANT INTERNATIONAL LTD

#### COMPOSITION

Anionic surface active agent in aqueous solution

Rothausstrasse 61  
4132 Muttenz  
Switzerland

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

|                                               |                                                                         |
|-----------------------------------------------|-------------------------------------------------------------------------|
| Active substance content                      | About 50 %                                                              |
| Appearance at 20 °C                           | Colourless, clear to cloudy liquid                                      |
| Density at 20 °C                              | About 1.09 g/cm <sup>3</sup>                                            |
| Solubility at 20 °C                           | Soluble in water, alcohols and esters, self-emulsifying in hydrocarbons |
| pH value (DIN EN 1262),<br>5 % as is in water | 6 - 8                                                                   |
| Flash point (DIN/ISO 2592)                    | > 100 °C                                                                |
| FDA / BgVV** Listing                          | FDA § 175.300, § 176.170, § 176.210, § 178.3400<br>BfR Teil A II, XIV   |

BUSINESS UNIT INDUSTRIAL &  
CONSUMER SPECIALTIES

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#### Handling and storage

Below 10 °C Dispersogen SNW turns to a cloudy, viscous gel and a phase separation occurs. After heating to 25 °C and mixing with a propeller stirrer the product is ready for use. During stirring Dispersogen SNW turns from a cloudy and a clear solution.

<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.

<sup>\*\*)</sup> Bundesamt für Risikobewertung und Verbraucherschutz

#### USE

Dispersogen SNW offers the following properties:

- Wetting agent for waterborne paints and coatings,
- dispersing agent for organic and inorganic pigments in waterborne and solvent-borne coatings,
- improves the compatibility of pigments with resins and solvents
- prevents rub out and improves the tinting strength of organic and inorganic pigments in waterborne paints (e.g. emulsion paints) and solvent-borne coatings (alkyd coatings, PU-coatings, epoxies, acrylic coatings).

#### EMULSION PAINTS

Dispersogen SNW improves the compatibility of organic pigments like Phthalocyanine pigments (blues and green), Quinacridone pigments (red and purple) and other polycyclic pigments. Also carbon blacks are dispersed and the tinting strength in improves.

The dosage of Dispersogen SNW varies between 0.2 – 0.6 % based on the paint formulation.

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## PIGMENT PREPARATIONS

Dispersogen SNW is added to waterborne pigment preparations to improve the wetting of organic pigments. Dispersogen SNW improves the compatibility of waterborne pigment concentrates with solvent-borne coatings.

The dosage of Dispersogen SNW varies between 1 – 5 % based on the pigment preparation.

## SOLVENT-BORNE COATINGS

Dispersogen SNW improves the compatibility of waterborne tinters with solvent-borne coatings. Rubout, flooding, seeding and sedimentation are prevented.

The dosage of Dispersogen SNW varies between 0.5 – 3 % based on the coating formulation. For organic pigments (azo pigments, yellow, orange and red shades) 0.5% is sufficient.

For polycyclic pigments (e.g. PB 15, PR 19, PR122, PV 23) the recommended dosage of Dispersogen SNW is 2% on the coating formulation.

For carbon blacks and iron oxide reds the recommended dosage of Dispersogen SNW is 3% on the coating formulation to prevent rubout and separation of the pigment in the coating formulation.

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