

Hydropalat[®] WE 3165

Product description

- Excellent wetting and dispersing agent for aqueous coatings and pigment pastes
- Excellent pigment wetting properties, especially with organic pigments
- More hydrophilic than Dispex Ultra[®] FA 4480
- Improves gloss and color development of aqueous top coats

Chemical nature

Fatty alcohol ethoxylate

Properties

Physical form

Clear liquid

Technical data

(not supply specification)

pH value	EN 1262 (10 % in water)	6.0 – 7.5
Cloud point	EN 1890	75.0 – 79.0 °C
Water content	EN 13267 Karl Fischer	34.0 – 36.0 %
Aktive substance		~ 65 %
Viscosity	(25 °C)	~ 550 mPa.s

Application

Hydropalat® WE 3165 is an excellent wetting and dispersing agent for aqueous, binder- and solvent free pigment pastes. It shows excellent pigment wetting properties, especially with organic pigments, and gives good flow properties at high pigment loads. Furthermore it improves the gloss and color development of aqueous top coats based on different binders.

Recommended concentrations

Typical dosage for Hydropalat® WE 3165 in top coats lies between 0.2 % to 1.5 %. Hydropalat® WE 3165 should be added to the mill base for optimum performance. The dosage in pigment pastes depends on the pigment used:

- 1 – 5 % Inorganic pigments
- 15 – 30 % Organic pigments
- 30 – 50 % Carbon black

Based on active content calculated on pigment weight.

Storage

Hydropalat® WE 3165 should be stored in tightly closed containers and at temperatures between 10 – 40 °C. Temperatures below 10 °C can cause cloudiness and solidification which is reversible upon heating.

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Validity

This Technical Data Sheet is valid for all versions of the Hydropalat® WE 3165.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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