

Dispex[®] Ultra FA 4480

General

- Low molecular weight wetting and dispersing agent with excellent pigment wetting properties
- Especially suitable for coatings and aqueous pigment pastes

Chemical nature Solution of modified fatty alcohol polyglycolether in water

Properties

Physical form Viscous liquid

Technical data
(not supply specification)

pH value	DIN EN 1262 (10 %(m) Potassium chloride solution 0,03 %))	6.0 – 7.5
Solvent	Water	
Cloud point	DIN EN 1890	61.0 – 65.0 °C
Water content	(Karl Fischer) DIN EN 13267	19.0 – 21.0 %

Application

Dispex® Ultra FA 4480 shows excellent wetting and dispersing properties in aqueous, binder and solvent-free pigment pastes. It provides outstanding flow properties even at high pigment load.

Dispex® Ultra FA 4480 improves pigment wetting and therefore also increases gloss and color intensity of the paint, especially in combination with organic pigments.

Dispex® Ultra FA 4480 shows excellent results in water-based alkyds, polyester resins and also in aqueous polyurethane emulsions

Recommended concentrations

The dosage used in pigment pastes strongly depends on the actual pigments. Typical addition levels for pigment pastes, calculated on the weight of pigment are as follows:

Inorganic pigments	1 – 5 %
Organic pigments	10 – 30 %
Carbon black	up to 50 %

Storage

Dispex® Ultra FA 4480 should be stored in tightly closed containers and in a cool place. The packed product is not damaged by low temperatures or by frost.

If stored below 10°C precipitation or gelatinization of the product is possible. This process is reversible.

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Validity

This Technical Data Sheet is valid for all versions of the Dispex® Ultra FA 4480.

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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