

# Dispex<sup>®</sup> Ultra FA 4482

**Product description** Dispersing and wetting agent for inorganic pigments

**Key benefits**

- Designed to stabilize inorganic pigment concentrates and slurries
- Can also be used in combination with non-ionic dispersing agents
- Biodegradable
- Anti-flooding behavior
- Excellent flocculation stability

**Chemical nature** Anionic phosphoric acid ester based wetting and dispersing agent

## Properties

**Physical form** light, yellow liquid

**Technical data**

(no supply specification)

Acid Value		~ 210 mg KOH/g
Color	Gardener	max. 3
Active content		~ 85 %

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## Application

Dispex® Ultra FA 4482 is a dispersing and wetting agent for inorganic pigments in aqueous coating systems. It is biodegradable and can also be combined with non-ionic dispersants. Due to the excellent stabilizing characteristics it provides excellent viscosity reduction and stability. This allows also higher pigment loadings while excellent flow characteristics are maintained.

## Formulation guideline

Calculation method to estimate the minimum required amount of Dispex® Ultra FA 4482:

Inorganic pigments	2 – 5 % active on pigment
Transparent iron oxide pigments	15 – 25 % active on pigment

To achieve the best results Dispex® Ultra FA 4482 should be added to the mill base and ground using effective dispersing equipment, e.g. pearl-mill.

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## Storage

Keep container tightly closed and in a cool place.

### Contacts worldwide

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### Validity

This Technical Data Sheet is valid for all versions of the Dispex® Ultra FA 4482.

### 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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