

# Dispex® Ultra PA 4524

**Product description** Wetting and dispersing agent for the manufacture of emulsion paints, as well as for pigment pastes.

**Key benefits**

- Dispersant feature
- Excellent pigment wetting capacity, differently from the known polyacrylates
- Excellent color acceptance, which is necessary, for tinting systems

**Chemical nature** Compound with anionic and non-ionic character based on organo-phosphonic products.

## Properties

**Physical form** Transparent yellow liquid

<b>Technical data</b> (not supply specification)	Density	at 20°C	1.05 – 1.15 g/cm <sup>3</sup>
	Solid content		23 – 27 %

<b>Influence upon the surface tension</b>	Water		72 dyn/cm
	Sodium polyacrylate	at 0.5 % in water	65 dyn/cm
	Maleic acid based product	at 0.5 % in water	40 dyn/cm
	Dispex® Ultra PA 4524	at 0.5 % in water	35 dyn/cm

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## Application

Dispex® Ultra PA 4524 can be used as wetting and dispersing agent for the manufacture of emulsion paints, as well as for pigment pastes.

## Formulation guideline

In paints: from 0.5 to 2.0 % on total paint.

In pigment pastes: 10 – 20 % on pigment of the following blend:  
1 part Dispex® Ultra PA 4524 and 3 parts Dispex Ultra® FA 4480

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## Storage

Dispex® Ultra PA 4524 will remain stable for a minimum period of 1 year if it is kept sealed in its original container, at room temperature and in a dry and airy space.

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### Validity

This Technical Data Sheet is valid for all versions of the Dispex® Ultra PA 4524.

### 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.