

Hydropalat[®] WE 3432 ED

Product description Wetting agent and emulsifier

Key benefits

- Excellent substrate wetting
- Emulsifier
- Gloss improvement
- Pigment wetting
- Anionic surfactant

Chemical nature Fatty alcohol ether sulfate, sodium salt

Properties

Physical form Colorless to slightly yellowish liquid

Technical data

(not supply specification)

Dry residue, salt corrected	internal method: 94005301	~ 31%
pH value	EN 1262, 20°C, 10% solution	~ 7.5
Density	DIN 51757, 23°C	~ 1.05 g/cm ³
Pour Point	ISO 3016	< 5°C
Surface tension, static	EN 14370, 25°C, 1.0%	~ 39 mN/m

Application

Hydropalat® WE 3432 ED is an effective anionic wetting agent and emulsifier for water borne coatings and inks. This wetting agent is effective in a wide variety of emulsion types including acrylics, styrenated acrylics and PUD's. The product is free of silicones, alkyl phenol ethoxylates (APE's), and solvent.

Formulation guideline 0.5 - 3% on total formulation

Hydropalat® WE 3432 can be added at any stage of the manufacturing process. If added in the grind the product will aid the pigment wetting process.

Storage

Product that is frozen and/or tending to sedimentation can be liquified or homogenized by careful application of indirect heat (do not use flames or direct contact with a heat source). Below 15°C, the product is no longer pumpable. Keep container tightly closed and in a cool place.

Storage temperature: ≤ 40 °C

The packed product is not damaged by low temperatures or by frost. Bulk must be protected from solidification.

Protect from temperatures above: 50 °C. Properties of the product change irreversibly on exceeding the limit temperature.

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Validity

This Technical Data Sheet is valid for all versions of the Hydropalat® WE 3432 ED.

(including Hydropalat® WE 3432 ED)

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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