

# Hydropalat<sup>®</sup> WE 3437

**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 (30 EO)

## Properties

**Physical form** Colorless to slightly yellowish liquid

|  |                             |                             |                          |
|--|-----------------------------|-----------------------------|--------------------------|
| <b>Technical data</b><br>(no supply specification) | Dry residue, salt corrected | internal method             | ~ 33%                    |
|  | pH value                    | EN 1262, 20°C, 10% solution | ~ 7.5                    |
|  | Density                     | DIN 51757, 23°C             | ~ 1.05 g/cm <sup>3</sup> |
|  | Pour Point                  | ISO 3016                    | < 5°C                    |
|  | Surface tension, static     | EN 14370, 25°C, 1.0%        | ~ 44 mN/m                |

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## Application

Hydropalat® WE 3437 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 3437 can be added at any stage of the manufacturing process. If added in the grind the product will aid the pigment wetting process

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## Storage

Store protected against freezing. Below the temperature limit, the product is no longer pumpable. The property change is reversible by stirring and heating.

Storage temperature:  $\leq 40$  °C

Protect from temperatures below: 5 °C

The product can crystallize below the limit temperature. The packed product is not damaged by low temperatures or by frost. If stored below the limit temperature precipitation or gelatinization of product is possible. This process is reversible

Protect from temperatures above: 40 °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 3437.

### 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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