

**Use**

Pigment dispersing aid for waterborne systems.

**Composition**

Anionic electrolytes

**Specification**

Viscosity at 20 °C (Brookfield)	75 - 110 mPa·s
Solid content	34 - 36%
pH-value konz.	7.5 - 9.0

**Additional data**

Appearance	colourless to pale yellow liquid
Density at 20 °C	1.28 - 1.32 g/cm <sup>3</sup>
Solubility	readily soluble in water and glycols

**Properties**

HYDROPALAT 44 is, even at low dosages, a highly effective dispersing aid. As a sole dispersant it does not require any auxiliary dispersant or wetting agent or polyphosphates. HYDROPALAT 44 demonstrates excellent initial gloss retention and superior gloss retention after heat again.

It shows exceptional compatibility with reactive pigments such as zinc oxide and with solvents like ethylene and propylene glycol. This permits the use in glycol based grinds or in pigment slurries.

Tests have not shown any remarkable rise in viscosity even after ageing at 50 °C for one month.

**Dosage**

Recommended dosage is 0.2 - 1% solids, calculated on pigments.

**Approvals**

CH = 614100

**Regulatory Status**

EINECS

**Miscellaneous**

HYDROPALAT 44 is approved under FDA 21 CFR 176.170, FDA 21 CFR 176.180 and FDA 21 CFR 176.200.

HYDROPALAT 44 is supplied in 180 kg steel drums and should ideally be stored at temperatures between 20 and 30 °C. If the product is subjected to temperatures below freezing point, do not apply direct heat but allow to warm to room temperature and mix thoroughly before use.

**Revision-No.**

0-09.2000 Effective October 1, 2000

Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 2 years.

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Suggestions of processing and using our products are given with best knowledge and information but without obligation. COGNIS does not accept any guarantee to the suitability of a product for the user's specific purpose. Furtheron the user himself assumes a liability to follow all legal regulations by using our products. The user can only pass on our sample to third parties with previous assent of COGNIS.

