

# TEGO® Dispers 765 W

## DESCRIPTION

TEGO® Dispers 765 W is a wetting and dispersing additive for waterborne printing inks. In binder-free millbases, it shows good wetting and stabilization properties with organic pigments.

## KEY BENEFITS

- stabilization of organic pigments in binder-free grinds
- good long-term stability
- solvent-free and label-free

## EFFECT

**Viscosity reduction with organic pigments/carbon blacks**



**Color intensity/gloss with organic pigments/carbon blacks**



**Viscosity reduction with inorganic pigments/fillers**



**Color intensity/gloss with inorganic pigments/fillers**



## SUITABILITY

**waterborne**



**solventborne**



**2-pack 100%**



**radiation-curing**



**direct grind**



**resin-containing pigment concentrates**



**resin-free pigment concentrates**



● not suitable   ● partly suitable   ● suitable

## TYPICAL APPLICATIONS

- Printing Inks
- Pigment concentrates

## TECHNICAL DATA

**acid value (as supplied)**    Approx. 10 mg KOH/g

**active matter content**    approx. 40 %

**appearance**    clear liquid

**chemical description**    aqueous solution of surface active substances and polymers with groups of high pigment affinity

**pH-value**    approx. 6.5

**solvent**    water

## SOLUBILITY

**Water**



**Ethanol**



**TPGDA**



**Butylacetate**



**Mineral Spirits**



● not soluble   ● partly soluble   ● soluble

## RECOMMENDED ADDITION LEVEL

As supplied calculated on inorganic pigment: 5.0 - 30.0 %  
As supplied calculated on organic pigment: 25.0 - 60.0 %  
As supplied calculated on carbon black: 25.0 - 150.0 %

## PROCESSING INSTRUCTIONS

- Add to the grind before dispersion.
- Starting point formulations for the production of pigment concentrates are available on request.

## HANDLING & STORAGE

- When stored in an original unopened packaging, the product has a shelf life of 36 months from the date of manufacture.
- Keep away from freezing.

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