

# Formulation Additives

## Technical Data Sheet

# Hydropalat<sup>®</sup> WE 3322 (old: Starfactant<sup>®</sup> 20)



### Product Description

Hydropalat<sup>®</sup> wetting agents are a new, novel line of nonionic surfactants that offer unique combinations of benefits to coating, adhesives and graphic art formulations. These benefits include excellent substrate wetting with defoaming, gloss improvement and pigment wetting.

### Chemical Composition

A hyper-branched surfactant with a central hydrophile

### Properties

#### Typical Properties

Appearance	clear to slightly hazy yellow liquid
Density at 25 °C	~ 0.98 – 1.01 g/ml
Color, Gardner	~ 1.0 – 7.0

#### Typical Characteristics

Active Matter	100%
Viscosity	100 cps
Solid Content	98%
VOC, EPA method 24	< 1%
pH (in 5% 3/1 water/IPA)	~ 5.0 – 9.0

These typical values should not be interpreted as specifications.

### Applications

Hydropalat<sup>®</sup> WE 3322 is a non-ionic, 100% active wetting agent effective in water borne coatings intended for metal, wood and plastic substrates. This new wetting agent is effective in coatings and inks based on a wide variety of emulsions including PUD's, acrylics, and styrenated acrylics. Hydropalat<sup>®</sup> WE 3322 does not stabilize foam and can act as a defoamer in formulations in addition to imparting outstanding wetting properties. When used at the recommended level, Hydropalat<sup>®</sup> WE 3322 should not diminish the corrosion resistance or change the recoat characteristics of the coating. The product is free of silicones, alkyl phenol ethoxylates (APE's) and solvent.

Hydropalat<sup>®</sup> WE 3322 is typically added to paint and coating formulations at 0.25 to 0.75%. Hydropalat<sup>®</sup> WE 3322 can be added at any stage of the manufacturing process. When added in the grind the product will aid the pigment wetting process.

### Safety

#### General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.

#### Material Safety Data Sheet

All safety information is provided in the Material Safety Data Sheet for Hydropalat<sup>®</sup> WE 3322.

## Storage

Hydropalat® WE 3322 is subject to appropriate storage under the usual storage and temperature conditions; our products are durable for at least 2 years.

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