

Formulation Additives

Technical Data Sheet

Hydropolat[®] WE 3323 (old: Starfactant[®] 30)



Product Description Hydropolat[®] 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

Product Specifications	Appearance	clear yellow liquid
	Specific gravity	1.00 – 1.05
Typical Characteristics	Active Matter	100%
	Color, Gardner	max 7.0

These typical values should not be interpreted as specifications.

Applications

Hydropolat[®] WE 3323 is a non-ionic, 100% active wetting agent effective in water borne inks, OPV's, and coatings intended for plastic, wood, and metal substrates. This new wetting agent is effective in a wide variety of emulsion types including acrylics, styrenated acrylics and PUD's. Hydropolat[®] WE 3323, in addition to its outstanding wetting properties, does not stabilize foam and can act as a defoamer in many coating and graphic art formulations. In addition, increasing levels of Hydropolat[®] WE 3323 wetting agents typically reduces foam content in coatings rather than increases it, as is typical of most competitive wetting agents. An example of this unique behavior is shown in Example 1, below. Hydropolat[®] WE 3323 will not reduce the corrosion resistance or recoat characteristics of coatings when used at the recommended level. The product is free of silicones, alkyl phenol ethoxylates (APE's), and solvent.

Hydropolat[®] WE 3323 is typically added to paint and coating formulations at 0.25 to 0.75%. Hydropolat[®] WE 3323 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 Hydropolat[®] WE 3323.

Storage

Hydropalat® WE 3323 is subject to appropriate storage under the usual storage and temperature conditions; our products are durable for at least 2 years.

Important

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