

Formulation Additives

Technical Data Sheet

Hydropalat[®] WE 3322 (old: Starfactant[®] 20)



Product Description Hydropalat[®] 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 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[®] 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[®] 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[®] 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[®] WE 3322 is typically added to paint and coating formulations at 0.25 to 0.75%. Hydropalat[®] 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[®] 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.

Important

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, they are provided for guidance only. Because many factors may affect processing or application/use, BASF recommends that the reader make tests to determine the suitability of a product for a particular purpose prior to use. **NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESCRIPTIONS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS.** In no case shall the descriptions, information, data or designs provided be considered a part of BASF's terms and conditions of sale. Further, the descriptions, designs, data, and information furnished by BASF hereunder are given gratis and BASF assumes no obligation or liability for the descriptions, designs, data or information given or results obtained all such being given and accepted at the reader's risk.

Hydropalat and Starfactant is a registered trademark of BASF Group.

© BASF Corporation, 2013



BASF Corporation is fully committed to the Responsible Care® initiative in the USA, Canada, and Mexico. For more information on Responsible Care® goto:
U.S.: www.basf.us/responsiblecare_usa
Canada: www.basf.us/responsiblecare_canada
México: www.basf.us/responsiblecare_mexico

BASF Corporation
Dispersions and Pigments
11501 Steele Creek Road
Charlotte, North Carolina 28273
Phone: (800) 251 – 0612
Email: edtech_info@basf.com
www.basf.us/dpsolutions