

Dispex[®] Ultra FA 4420

Product description dispersing agent

Dispex[®] Ultra FA 4420 stabilizes inorganic and organic pigments in water and solvents. In addition it makes the polar ingredients of universal colorants which are used in non-polar solvent-based paints more compatible. This results in:

- maximum color development of the colorant
- higher pigment loading
- optimum color acceptance of the colorants in the base-paints

Chemical nature fatty-acid-modified polyester

Properties

Physical form dark brown liquid

Technical data

(not supply specification)

active ingredients	~ 100 %
density at 20 °C (68 °F)	~ 0.89 g/cm ³
acid value	~ 19 mg KOH/g
amine value, potentiometric	~ 35 mg KOH/g
Gardner color number	≤ 18

Application

Dispex® Ultra FA 4420 is suitable for the formulation of universal colorants for decorative paints. Added to the (solvent- or water-based) base paint, Dispex® Ultra FA 4420 increases compatibility and color acceptance.

Dispex® Ultra FA 4420 is an activator for bentonites as well as for associated and acrylic thickeners.

Recommended concentrations

Calculation method for the required amount of active ingredient:

universal colorants, inorganic pigments	5.0 – 10.0 % on pigment weight
universal colorants, organic pigments	10.0 – 20.0 % on pigment weight
base paints	0.5 – 1.5 % on total base paint
bentonites/thickeners	15.0 – 25.0 % on active substance

Dispex® Ultra FA 4420 can be incorporated into the mill base or used as a post additive.

Storage

Dispex® Ultra FA 4420 should be stored in a cool and dry place.

Contacts worldwide

Asia
BASF East Asia Regional Headquarters Ltd
45/F, Jardine House
No. 1 Connaught Place
Central Hong Kong
China
formulation-additives-asia@basf.com

North America
BASF Corporation
11501 Steele Creek Road
Charlotte, NC 28273
USA
formulation-additives-nafta@basf.com

Europe
BASF SE
Formulation Additives
67056 Ludwigshafen
Germany
formulation-additives-europe@basf.com

South America
BASF S.A
Rochaverá - Crystal Tower
Av. das Nações Unidas, 14.171
Morumbi - São Paulo-SP
Brazil
formulation-additives-south-america@basf.com

Validity

This Technical Data Sheet is valid for all versions of the Dispex® Ultra FA 4420.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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