

NUOSPERSE® FA 615

Wetting and Dispersing Agent

GENERAL INFORMATION

NUOSPERSE FA 615 is a wetting and dispersing agent for pigments in plasticizers, inks and pigment concentrates.

CHEMICAL & PHYSICAL PROPERTIES

Appearance 30 °C	clear liquid
Active content	100 %
Composition	organic surface active agent
Ionic character	anionic, acid
Acid value	83 - 100

These are typical properties not to be used for specification purposes.

APPLICATIONS

- **NUOSPERSE FA 615** improves the wetting and dispersion of pigments in polar media like plasticizers and various acid-resistant polymeric binders.

KEY PROPERTIES

- **NUOSPERSE FA 615** lowers the viscosity of the mill base, thereby allowing an increase of the pigment content. The effectiveness of **NUOSPERSE FA 615** is particularly evident with the dispersion of pigment types with alkaline surface properties, like some carbon black pigments.

Feature	Consequence
<ul style="list-style-type: none"> • Strongly adsorbed onto basic pigment surfaces 	<ul style="list-style-type: none"> - optimal colour development - consistent quality - increased pigment loading
<ul style="list-style-type: none"> • Solvent-free 	<ul style="list-style-type: none"> - may be used in solvent-free systems

INCORPORATION

NUOSPERSE FA 615 is preferably mixed with the solvent and/or binder before the pigment is added.

LEVELS OF USE

1 - 3% calculated on the total quantity of the mill-base composition. It is recommended to ascertain the actual optimum concentration and compatibility of **NUOSPERSE® FA 615** by means of ladder trials.

HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

STORAGE RECOMMENDATIONS

Keep containers tightly closed in a well-ventilated room. It is recommended to store **NUOSPERSE® FA 615** above its melting point of 11°C. If **NUOSPERSE FA 615** has solidified, it can be returned to a fully active liquid again by storing at room temperature. Solidification and subsequent liquidification does not have an influence on the quality of the product.

SHELF LIFE

NUOSPERSE FA 615 has a shelf life of 3 (three) years from date of manufacture.

QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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