

## CLiQSPERSE® 133

Dispersing Agent

**CLiQSPERSE 133** is a fatty acid modified polyester based dispersing agent for VOC compliant universal colorants. It is used as single dispersant in colorants to provide excellent compatibility between the pigment concentrate and the base paint.

**CLiQSPERSE 133** allows maximum pigment load in pigment concentrates. It provides maximum colour development and colour acceptance of universal colorants in both aqueous and non-aqueous coatings.

**CLiQSPERSE 133** can be combined with wetting agents, such as CLiQSPERSE 126, to improve wetting of organic pigments.

### Typical values:

Appearance:	brown liquid
Active content:	100 %
Density:	1.04 g/cm <sup>3</sup>
Brookfield viscosity:	ca. 20000 mPa.s

### Level of Use / Incorporation:

**CLiQSPERSE 133** is best mixed with water prior to pigment or extender addition.

The optimum loading level should be determined using a loading ladder study. The following loading levels are recommended as a starting point:

As Dispersant (on pigment):

- 5.0 – 10.0% for inorganic pigments and fillers.
- 10.0 – 20.0% for organic pigments.

As Co-Dispersant (on pigment):

- 2.5 – 5.0% for inorganic pigments and fillers.
- 5.0 – 10.0% for organic pigments viscosity.

**CLiQSPERSE 133** is recommended to store above 5°C. The performance is not impacted by lower temperature storage or freezing. The product may get hazy and re-heating and mixing is recommended. The minimum shelf life is 36 months when stored in unopened packages.

For information on health and safety information, please consult the Material Safety Data Sheet.

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This information is based to best of our knowledge and on test results obtained in our laboratory. It is given in good faith and should only regard as recommendations. No warranty is given, and it is advised to all users to evaluate the products carefully for their intended use. Please also consider all further information, labels, and especially the safety data sheet! For further questions, technical service, and samples, please feel free to contact us.