

# CLiQSPERSE® 142 (LP 2008-1)

Dispersing Agent

**CLiQSPERSE 142** is a non-ionic polymeric wetting- and dispersing agent for aqueous ink applications. The labelling-free product is particularly recommended for resin-containing pigment concentrates used gravure, screen, and flexographic inks.

**CLiQSPERSE 142** improves gloss, transparency, and colour development. It stabilizes pigments, resulting in an excellent storage stability.

**CLiQSPERSE 142** provides very good wetting of organic and carbon black pigments, allowing a fast pigment addition to the grinding process. The additive significantly reduces grinding and final pigment concentrate viscosity, allowing a more efficient grinding process and higher pigment loads.

**Typical values:**

Appearance: clear liquid  
 Active content: 60%  
 Density: 1.06 g/cm<sup>3</sup>  
 Viscosity: < 1000 mPas

**Level of Use / Incorporation:**

**CLiQSPERSE 142** is best dissolved and homogenised in the grinding media, e.g., water/resin blend, before adding the pigment. The optimum loading level should be determined for each system using a loading ladder study.

The following loading levels, based on pigment load, are recommended as a starting point:

- Inorganic pigments: 1 – 3%
- Organic pigments: 2 – 5%
- Carbon blacks: 2 – 5%

**CLiQSPERSE 142** is recommended to store in a cool dry place above 5°C. The performance is not impacted by lower temperature storage or freezing, but homogenization is recommended when re-heated. The minimum shelf life is 24 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.