

# CLiQSPERSE® 150

Dispersing Agent

**CLiQSPERSE 150** is a polymeric block co-polymer based dispersing agent for aqueous coatings and pigment concentrates. It is free of organic solvents and compatible with a wide variety of inorganic and organic pigments and most types of binders used in aqueous coatings, printing inks, or adhesives.

**CLiQSPERSE 150** is highly recommended for resin-free, stable pigment concentrates for general industrial and decorative systems. It is also recommended in base paints to improve compatibility and storage stability.

**CLiQSPERSE 150** strongly adsorbs to the pigment surface, improving pigments stability, and preventing flocculation, flooding, and floating in waterborne systems. It improves gloss development and allows maximum colour strength and colour acceptance of aqueous pigment concentrates.

**Typical values:**

Appearance: clear liquid  
 Active content: 40%  
 Density: 1.04 g/cm<sup>3</sup>  
 pH-value: ca. 6

**Level of Use / Incorporation:**

**CLiQSPERSE 150** is best dissolved in water prior to pigment addition. The optimum loading should be determined via loading ladder study. The following loading are recommended as a starting point:

- 10 - 15% titanium dioxide
- 20 - 30% inorganic pigments
- 30 - 70 % organic pigments
- 100 - 150% carbon black pigment

In paint formulation, a loading between 0.2-0.5% is recommended.

**CLiQSPERSE 150** 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 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.