

## CLiQSPERSE® 155

Dispersing Agent

**CLiQSPERSE 155** 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 type of binders used in aqueous coatings, printing inks or adhesives.

**CLiQSPERSE 155** is highly recommended for resin-free, stable pigment concentrates for industrial but also decorative systems. Used in base paints it improves compatibility and storage stability of pigments and extenders.

**CLiQSPERSE 155** 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 (20°C)	1.06 g/cm <sup>3</sup>
pH-value	5.3
Brookfield viscosity	< 1000 mPa.s

### Level of Use / Incorporation:

**CLiQSPERSE 155** is best dissolved in water prior to pigment addition. The optimum loading level should be determined for each system using a loading ladder study. The following loading levels based on pigment as delivered are recommended as 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 155** 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.