

**CLiQSPERSE PH-2** is a solvent-free 100% active dispersing agent for non-aqueous systems. The polymeric alkylammonium salt is recommended for pigment concentrates and direct grind of pigments in coatings, PVC plastisols, adhesives and thermosets. It is particularly recommended for carbon blacks.

**CLiQSPERSE PH-2** is suitable for all kind of pigments and provides maximum colour strength, gloss retention and excellent colour acceptance in a variety of non-aqueous systems. It prevents re-flocculation and stabilizes pigments in paints and pigment concentrates by steric and electrostatic stabilisation.

**CLiQSPERSE PH-2** reduces grinding time and gives a non-thixotropic low viscous mill-base. In fibre reinforced thermosets it provides improved wetting to glass and carbon fibres.

## Typical values:

Appearance:	clear amber liquid
Active content:	100%
Density (20°C):	ca. 1.05 g/ml
Brookfield Viscosity:	< 2000 mPa.s

## Level of Use/Incorporation:

**CLiQSPERSE PH-2** is best dissolved in the resin 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 load are recommended as starting point:

Inorganic pigments:	1 - 10%
Organic pigments:	10 - 25%
Carbon blacks:	20 - 50%

**CLiQSPERSE PH-2** should be stored in a cool dry place.

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 consider also all further information, labels, and especially the safety data sheet! For further questions, technical service and samples, please feel free to contact us.

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