

## CLiQSPERSE® HK

Wetting and Dispersing Agent

**CLiQSPERSE HK** is a 100% active dispersing and wetting agent for coatings and pigment concentrates. The neutralised phosphate ester is compatible with non-to-medium polar and high polar systems.

**CLiQSPERSE HK** improves gloss, colour strength and reduces milling time and viscosity of grinding media including mill-base and pigment pastes with all kinds of pigments. The dispersant is highly recommended in base alkyd paints to reduce grinding time and particle fineness, particularly with extender and inorganic pigments, such as titanium dioxide, more efficiently. It also acts as a compatibilizer in base systems.

**CLiQSPERSE HK** is also recommended as a wetting and dispersing agent for PVC plastisol applications. It is particularly recommended to disperse and stabilise inorganic pigments and extenders.

### Typical values:

Appearance:	slightly hazy clear
Active content:	>99%
Brookfield Viscosity:	< 6000 mPa.s
Density:	ca. 1.00 g/cm <sup>3</sup>
pH-value:	ca. 5

### Level of Use / Incorporation:

**CLiQSPERSE HK** is best dispersed with pigments and extenders for maximum efficiency. A loading level between 0.1—0.6% on total formulation is recommended for non-aqueous base paint formulations to improve compatibility with pigment concentrates or as dispersing agent for pigments.

For non-aqueous pigment concentrates a loading level between 2 and 10 % on total is recommended. A loading ladder study needs to be performed to identify the optimum dosage level.

**CLiQSPERSE HK** performance is not impacted by freezing. Storage at lower temperatures may cause cloudiness in the product. It is recommended to heat the product to 40°C and mix properly. This does not impact the product performance. 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.