

## CLiQSPERSE® CA

Dispersant

**CLiQSPERSE CA** is a wetting and dispersing agent for low- to medium polar non-aqueous systems and is recommended for directly grinding pigments in coatings mill base. It is a 50% active material based on a salt of a polycarbonic acid with polyamines.

**CLiQSPERSE CA** is a deflocculant and strongly improves colour and gloss development with all kinds of pigments. It strongly reduces mill base viscosity, pigment floating and flooding, markedly improves anti-settling behaviour and storage stability of solvent-borne systems.

**CLiQSPERSE CA** is highly recommended as an activator for organoclays to produce stable, low viscous, and pumpable non-aqueous pre-gels. CLiQSPERSE CA provides excellent delamination of the organoclay and supports the activation already at low shear forces.

### Typical values:

Appearance:	brownish liquid
Active content:	50%
Density:	ca. 0.94 g/cm <sup>3</sup>
Brookfield viscosity:	ca. 200 mPa.s

### Level of Use / Incorporation:

**CLiQSPERSE CA** is best dispersed in the mill base together with pigments and fillers for maximum efficiency. A loading level of 0.2-1.0% (calculated on pigment) is recommended for inorganic pigments. For organic pigments, a level of 1.0-5.0% is recommended to improve pigment compatibility in solvent borne systems.

**CLiQSPERSE CA** is best added to an organically modified smectite pre-gel after initial wetting and dispersion. A loading level between 30-50% based on organoclay weight is recommended.

**CLiQSPERSE CA** may be mixed before use. Storage at lower temperatures could cause cloudiness in the product. It is recommended to heat the product to max 40°C and mix properly. This does not impact the product performance. The minimum shelf life is 48 months when stored in unopened packages.

For information on health and safety information, please consult the Material Safety Data Sheet.

CLiQ SwissTech AG  
Bahnhofstrasse 3  
7320 Sargans  
Switzerland

CLiQ SwissTech (Deutschland) GmbH  
Bertram-Blank-Strasse 8A  
51427 Bergisch Gladbach  
Germany

CLiQ SwissTech (Netherlands) B.V.  
Blauwborgje 31  
9747AC Groningen  
The Netherlands

sample@cliqswiss.com · info@cliqswiss.com

www.cliqswiss.com

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.

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