

## CLiQSPERSE® 123

Wetting and Dispersing Agent

---

**CLiQSPERSE 123** is an efficient non-ionic pigment wetting and dispersing agent for aqueous systems. The labelling-free fatty acid derivative is recommended for wetting out and stabilising organic and carbon black pigments, particularly in resin-free pigment concentrates.

**CLiQSPERSE 123** significantly reduces viscosity of pigment concentrates based on organic and carbon black pigments. The excellent pigment wetting also leads to improved colour development and gloss retention in the final system.

**CLiQSPERSE 123** can also be used in the mill base of an emulsion paint to improve colour acceptance with various kinds of pigment concentrates.

---

### Typical values:

Appearance:	slightly hazy liquid
Active content:	>94 %
Brookfield viscosity:	< 1000 mPa.s
Density:	ca 1.07 g/cm <sup>3</sup>

### Level of Use / Incorporation:

**CLiQSPERSE 123** is best blended in water prior to pigment dispersion. Depending on the pigment nature, a loading level between 2 and 10 % is typically recommended for pigment concentrates.

For paint formulations, a loading level between 0.1-0.5 % is recommended. A loading ladder study is recommended to evaluate the optimum loading level for each pigment.

---

**CLiQSPERSE 123** is recommended to store in a cool dry place above 10°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.

---

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.