

## CLiQSPERSE® 172

Dispersing Agent

**CLiQSPERSE 172** is a highly efficient polycarboxylate based dispersing agent for aqueous systems. The low-viscous sodium-neutralised polymer is odourless and VOC-free, which is of particular importance for modern decorative paint systems.

**CLiQSPERSE 172** is highly recommended for aqueous decorative latex paints, pigment concentrates, and slurries based on inorganic pigments or extenders. It provides a low viscous mill-base or pigment concentrate viscosity with excellent storage stability.

**CLiQSPERSE 172** does not promote foaming in the final system and is stable against hydrolysis. It is compatible with almost all inorganic pigments or extenders and most decorative industrial aqueous systems. In latex paints, it can be combined with CLiQSPERSE 124 or CLiQSPERSE 126 to optimise paint stability, gloss development, and compatibility with pigment concentrates.

### Typical values:

Appearance:	yellowish liquid
Active content:	ca. 45 %
Density:	1.3 g/cm <sup>3</sup>
Brookfield viscosity:	ca. 800 mPa.s
pH-value:	ca. 7

### Level of Use / Incorporation:

**CLiQSPERSE 172** is best dissolved in water prior to pigment or extender addition. The optimum loading level should be determined for each system using a loading ladder study (pigment demand curve). A loading between 0.05-2.0% based on total is typically required to achieve the desired systems stability and viscosity.

**CLiQSPERSE 172** is effective in a pH range between 5-12; optimum efficiency is achieved in a pH range of 8 -9. It shows an excellent temperature stability of up to 100°C.

**CLiQSPERSE 172** should be stored 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 24 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.

Version: 6-Nov-24