

**CLiQSPERSE 152** is an alkyl phenol ethoxylate (APE) and glycoether free highly efficient multifunctional wetting and dispersing agent for industrial and automotive coating systems.

**CLiQSPERSE 152** is efficient with both inorganic and organic pigments used in aqueous resin-free pigment concentrates or base coats

**CLiQSPERSE 152** is applied in pigment concentrates to prevent pigment flocculation, flooding and floating. It maximises colour development and colour acceptance of pigment concentrates and improves gloss development in the final coating system.

**CLiQSPERSE 152** is highly recommended in aqueous wood coatings and primers as it has no adverse effect on water resistance.

## Typical values:

Appearance:	Clear brownish liquid
Gardener colour:	ca. 4
Active content:	ca. 38 %
Brookfield viscosity:	ca. 850 mPa.s
Density (20°C):	1.05 g/cm <sup>3</sup>
pH-value:	ca. 9

## Level of Use / Incorporation:

**CLiQSPERSE 152** is best dissolved in water prior to pigment addition. The optimum loading level should be determined for each system using a loading ladder study.

In pigment concentrates a loading level in between 1-10 % on total is recommended, for paint formulation a loading between 0.2-1.0 % is recommended.

**CLiQSPERSE 152** is compatible with most pigments and binders used in industrial and automotive coatings.

**CLiQSPERSE 152** 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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