

**CLiQSMART 1015** is an economic mineral oil emulsion based defoamer for aqueous systems. The surfactant and silica modified defoamer is typically applied in standard mid-to-high pvc latex paints and emulsion based plasters.

**CLiQSMART 1015** is easy to incorporate and shows an excellent balance between compatibility and defoaming efficiency. It can be applied in the grinding as well as in the let-down stage of a manufacturing process.

**CLiQSMART 1015** shows excellent efficiency to reduce both production and application foam, it gives superior long-term performance and is stable over a wide pH and temperature range.

#### Typical values:

Appearance:	White emulsion
Active:	ca. 60 %
Viscosity (20°C):	< 1500 mPa·s
Density (20°C):	ca. 0.94 g/cm <sup>3</sup>

#### Level of Use / Incorporation:

**CLiQSMART 1015** requires some incorporation shear and can be applied in both the grinding and let-down stage of a manufacturing process. In most cases the defoamer addition is split between the grinding and let-down stage. A loading level between 0.1-0.6% on total is typically sufficient to achieve the desired defoaming effect. The optimum loading level should be determined for each system individually.

**CLiQSMART 1015** is compatible with most aqueous binders used for mid-to-high pvc latex paints and emulsion based plasters. However, it is suggested to evaluate the compatibility of the product in each individual formulation.

**CLiQSMART 1015** should be stored in a cool dry place between 5 and 30°C for optimum stability. **CLiQSMART 1015** is available in 200 l drums and 1000 l IBC's.

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

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This information is based on best of our knowledge and on test results obtained in our laboratory. It is given in good faith and should only be regarded 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.