

CLiQSMART® FS-1

Formaldehyde Scavenger

CLiQSMART FS-1 is an environmentally friendly formaldehyde scavenger for aqueous systems. The VOC-free additive is used in all kinds of systems to significantly reduce free formaldehyde content and its emission.

CLiQSMART FS-1 is applied either in resins or into the formulated system, for example, waterborne coatings, textile coatings, and wood protection. It can be applied in Ecolabel-compliant systems.

CLiQSMART FS-1 reacts with formaldehyde based on its chemical structure and forms a stable compound. Based on its molecular weight, 1g of the supplied additive can covalently bind approximately 150 - 155 mg formaldehyde.

Typical values:

Appearance:	Clear yellowish liquid
Solids content:	ca. 48%
Density:	ca. 1.12g/cm ³
pH-value:	ca. 9

Level of Use / Incorporation:

CLiQSMART FS-1 is typically used at a loading between 5 – 15% based on resin solids.

CLiQSMART FS-1 is best added to the system or resin under agitation to allow sufficient homogenisation of the material.

CLiQSMART FS-1 should be stored in a cool dry place above 5°C. Low temperature storage may cause slight crystallisation which can be reverted when heating to 40°C. This does not impact the product performance. The minimum shelf life is 12 months when stored in unopened original 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.