

## CLiQSMART® 129 humectant

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**CLiQSMART 129** is a VOC-free modified urea derivative to extend open-time of aqueous and universal pigment concentrates. The humectant inhibits drying of the concentrate, which is particularly important in tinting machines or during storage.

**CLiQSMART 129** sufficiently replaces glycols in aqueous pigment concentrates. The humectant will not decrease film hardness or moisture resistance in the final paint film at normal loading levels.

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### Typical values:

Appearance: clear liquid  
Solids content: ca. 75 %

### Level of Use / Incorporation:

**CLiQSMART 129** is used in pigment concentrates at loadings typically between 1 to 4% on total formulation. The required loading level depends strongly on the pigment nature and required humectant functionality. An over dosage of the humectant can have a negative effect on the properties of the final coating.

**CLiQSMART 129** can be added at every stage of the pigment concentrate production process. It shows a broad compatibility with different kind of dispersing and wetting agents. As for all additives it is advised to run a loading ladder study and to check product compatibility in each system.

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**CLiQSMART 129** should be stored in a cool dry place at temperatures below 40 °C.

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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