

## CLiQFLOW® 541

### Rheological Additive

**CLiQFLOW 541** is highly efficient liquid thickener for aqueous systems. The ready-to-use neutralised product is based on a special acrylamide technology and shows excellent thickening efficiency over a large pH range from 2 – 12.

**CLiQFLOW 541** provides a strongly shear thinning flow behaviour with excellent sag resistance and storage stability. It can be added at any production step and does not require any further dilution or neutralisation step.

**CLiQFLOW 541** shows excellent compatibility in a large variety of systems. It is used in coatings, constructions, adhesives and in household/industrial cleaners, textile applications and detergent.

#### Typical values:

|                       |                |
|-----------------------|----------------|
| Appearance:           | white emulsion |
| Active content:       | ca. 40 %       |
| Brookfield viscosity: | < 5000 mPa.s   |

#### Level of Use / Incorporation:

**CLiQFLOW 541** can be added at any production stage. Pre-dilution or neutralisation of the thickener is not required.

The optimum loading level should be determined for each system using a loading ladder study. A level between 0.5 – 4.0% of the total is typically required to achieve the required properties.

**CLiQFLOW 541** rapidly develops viscosity in a system; at higher pH values, it may develop viscosity somewhat more slowly.

**CLiQFLOW 541** needs to be protected from freezing. The minimum shelf life is 12 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 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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