

# DeCAL

1800 Series - Cationic Thickeners

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## 1800 Series - Cationic Thickeners

### Products

#### DeCAL 1803 – Cationic Acrylic Polymer

DeCAL 1803 is an emulsion polymer dispersion for application in rinse conditioners and acidic hard surface cleaners. It allows cold mixing in aqueous systems, thereby increasing process speed and efficiency, and reducing energy costs in manufacture.

##### Applications

DeCAL 1803 enhances performance whilst promoting excellent viscosity and flow control. It can also be added to formulations at any stage of manufacture.

##### Benefits

- Designed for use in the presence of cationic and non-ionic co-ingredients.
- Aids suspension and stabilisation of other co-ingredients and its high thickening efficiency means that only low usage levels are required in many applications.
- It doesn't require neutralisation or the addition of sodium chloride to achieve viscosity build.
- It can act as an effective opacifier.
- Enables formulators to viscosify products over a wide pH range and in particular in the acidic region.

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#### DeCAL 1805 – Cationic Acrylic Copolymer

DeCAL1805 enhances performance whilst promoting characteristics.

##### Applications

DeCAL 1805 can be added to formulations at any stage of manufacture. This is because its low, as supplied viscosity means it can be incorporated easily without the need for elaborate procedures.

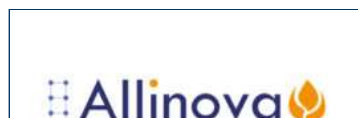
Also DeCAL 1805 does not require neutralization or the addition of sodium chloride simply by agitation. DeCAL 1805 also aids suspension of other co-ingredients, and its high thickening efficiency means that only low usage levels are required in many applications.

DeCAL 1805 has been designed for use in the presence of non-ionic co-ingredients. It allows cold mixing in aqueous systems, thereby increasing process speed and efficiency, and reducing energy costs in manufacture.

DeCAL 1805 does not require neutralisation or the addition of sodium chloride to achieve viscosity build. DeCAL 1805 can be used to viscosify products over a wide pH range and in particular in the acidic region.

### Insights

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