

# DeCAL

2000 Series - Polyacrylate Dispersants

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## 2000 Series - Polyacrylate Dispersants

All products in the 2000 series are synthetic dispersants and demonstrate a high degree of stability to prolonged storage under hot alkaline conditions and effective over pH range 5.5 to 14.

### Products

#### DeCAL 2031 – Novel Modified Polyacrylate Dispersant/Stabiliser

DeCAL 2031 is a novel multifunctional acrylic dispersing agent based on new technology. The grade is an ideal problem-solving dispersant and is compatible with a wide range of organic and inorganic fillers and pigments utilised in water-borne systems.

##### Applications

DeCAL 2031 is tailored to the agrochemical sectors, where it can be used as a stabiliser for concentrated emulsions, a dispersing agent for concentrated suspensions and in the preparation of suspoemulsions.

##### Benefits

- It is a colourless liquid
- An ideal problem-solving dispersant
- Can aid stability and prevent the precipitation of a wide variety of mineral salts, including calcium, magnesium, iron, aluminium, zinc, barium and chromium

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#### DeCAL 2040 Sodium Polyacrylate

DeCAL 2040 is a low viscosity dispersing agent for water-borne systems and is especially suited for the dispersion of pigments. DeCAL 2040 is a solution of a sodium salt of an acrylic polymer and, with DeCAL 2041, is the standard dispersant for water-borne systems. Both can also be used in certain semi-gloss and gloss coatings.

##### Applications

DeCAL 2040 is an ideal dispersing agent for a wide range of water-borne coatings.

##### Benefits

- improved storage stability of both the pigment and the formulated paint.
- Little or no adverse reaction to high temperatures

#### DeCAL 2041

DeCAL 2041 is a solution of an ammonium salt of an acrylic polymer in water. This product is a low viscosity dispersing agent for water-borne coating systems and is especially suited for the dispersion of inorganic pigments.

#### DeCAL 2042 – Sodium Polyacrylate Dispersant

A low viscosity product used to disperse inorganic pigments in water-borne systems.

##### Applications

pigments.

### Applications

As with DeCAL 2040, DeCAL 2041 is the standard dispersant for matt

emulsion paints and can also be used in certain semi-gloss and gloss formulations.

### Benefits

- Ideal dispersing agent for a wide range of water borne coatings.
- Can be used as supplied.
- Improved storage stability of both the pigment dispersion and the formulated paint.
- Little or no adverse reaction to high temperatures or pH changes.

### Applications

DeCAL 2042 is especially suited for use in silk and where its compatibility with glycols maintains th  
DeCAL 2042 can also be used to disperse fillers a

products such as tile adhesives, grouts, fillers and  
and glues. It is also used to stabilise dispersions c  
slips.

### Benefits

- Ideal dispersing agent for water borne high glk  
polypropylene glycol and other glycols used to  
and film coalescence.
- Effective at high temperatures above 100°C over
- Offers much better stability and improved shel  
paints and coatings.
- Very high pigment loading can be achieved w  
with water before adding pigments and fillers  
shear mixers.

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offer a cost-effective alternative  
to lithium carbonate

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