

devine 
CHEMICALS

the speciality chemicals company

DeCAL 

Polyacrylates
and Additives



ALKALI SWELLABLE THICKENERS FOR AQUEOUS SYSTEMS

DeCAL-1000	Thickener for polishes, adhesives, cleaners and high build spray applied coatings.
DeCAL-1011	Multipurpose rheology modifier. Highly efficient, highly thixotropic alkali swellable emulsion. For construction, coatings and cosmetic applications.
DeCAL-1015	Adhesives, latex compounds and rubber dispersions.
DeCAL-1031	Thixotropic rheology modifier for ceramic tile adhesives, textured finishes, machine applied textile coatings, dispersion stabilisation - pigments, fillers, agrochemicals.
DeCAL-1035	Low odour, thixotropic thickener for art and craft materials, textiles and coatings.

ASSOCIATIVE THICKENERS FOR AQUEOUS SYSTEMS

DeCAL-1104/E	Medium to high shear viscosity control, anti-spatter, improved flow, sag/settling resistance in deco paints.
DeCAL-1107/E	High viscosity thickener for paints and adhesives, anti-settlement, superior tooling in sealants, sprayable coatings.

LIQUID DISPERSION POLYMER THICKENERS FOR AQUEOUS SYSTEMS

DeCAL-1200	Improved electrolyte tolerant thickener in paints, coatings and adhesives, thickens at pH 4 - 14, eliminates the need for neutralising agents.
DeCAL-1201 (powder)	Water and/or powder blends, concrete admixtures, cement grouts, adhesives, anti-sag, effective at pH 4 - 11, stable viscosity at high pH.
DeCAL-1208	Easily dispersed ammonium salt for water resistant tile adhesives and grouts.
DeCAL-1209	High efficiency grade, active at pH 4 - 11, close to DeCAL 1208 but sodium salt.

CATIONIC THICKENERS FOR AQUEOUS SYSTEMS

DeCAL-1803	Thickening rinse conditioners, acidic hard surface cleaners, cationic paints/coatings.
DeCAL-1805	Thickening strong acids, high viscosity, salt tolerant, cationic paint/coatings.

NON-AQUEOUS THICKENER

DeCAL-1900	Novel polymer emulsion suitable for thickening non-aqueous liquids including hydrocarbon based solvents such as kerosene and mineral oil.
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DISPERSING AGENTS FOR AQUEOUS SYSTEMS

DeCAL-2031	Problem solving dispersant for agrochemicals, suspoemulsions, scale inhibitor, construction pigments.
DeCAL-2040/A/E	Sodium polyacrylate, low cost for inorganic fillers and pigments. Coatings/paints/inks, agrochemicals, adhesives, textiles and ceramics.
DeCAL-2041	Ammonium polyacrylate, low cost for inorganic fillers and pigments. Coatings/paints/inks, agrochemicals, adhesives, textiles and ceramics.
DeCAL-2042	Sodium salt of acrylic copolymer water resistant ceramic tile adhesives (ammonia free), water-based gloss paints, glycol compatibility.
DeCAL-2043	Ammonium salt of acrylic copolymer water resistant ceramic tile adhesives, water-based gloss paints, glycol compatibility.
DeCAL-2045/2045+	Hydrophobic pigment dispersant for water resistant systems. Also excellent with reactive pigments e.g. Zinc Oxide, rubber chemicals. DeCAL 2045+ offers similar performance to DeCAL 2045 but dosages can be reduced by up to 40%.
DeCAL-2046	Efficient dispersant for waterborne coatings and inks. Also improves in-can stability.
DeCAL-2048	Coating applications, textiles, oilfield, Iron Oxide dispersions.
DeCAL-2075	Low temperature flowable, application in coatings, agrochemicals, textiles, construction and oilfields. Superplasticiser for concrete/mortar/grouts.
DeCAL-2076	Tailored molecular weight for dispersing Kaolin - paper, agrochemical, paint sectors.
DeCAL-2077	Tailored molecular weight for dispersing Calcium Carbonate - paper, agrochemical, paint sectors.
DeCAL-2078 (powder)	Sodium polyacrylate in powder form - dispersant and superplasticiser.

POLYURETHANE THICKENERS

DeCAL-2020	Polyurethane thickener and rheology modifier giving Newtonian rheology and high film build for use in a wide range of paints and coatings.
DeCAL-PU8	Polyurethane thickener and rheology modifier giving an ideal balance between anti-sag vs levelling, high hiding power with mid shear characteristics - VOC free version of PS-14.
DeCAL-PS 14	Polyurethane thickener and rheology modifier giving an ideal balance between anti-sag vs levelling, high hiding power with mid shear characteristics.

SURFACTANTS/WETTING AGENTS/EMULSIFIERS

DeCAL-2158	Ethoxylated phosphate ester wetting agent, dispersant, flash rust inhibitor, co-dispersant, colour acceptance correction.
DeCAL-2159	Ethoxylated phosphate ester wetting agent, dispersant, flash rust inhibitor, co-dispersant, colour acceptance correction - lower foam.
DeCAL-2165	Surface wetting, low foam, co-dispersant, low cost colour acceptance, timber treatments.
DeCAL-2170B	High surface wetting detergency, pigment dispersion for agrochemicals, paints, coatings, timber treatments.
DeCAL-2190	28% sodium lauryl ethoxy sulphate solution - high foam.
DeMUL	Emulsifier for emulsifiable concentrates, microemulsions, concentrated emulsions and oil dispersions.
DeMUL-125 UC	Multifunctional emulsifier and dispersing agent. Particularly suitable for use in vegetable oil based systems.
DeLENE	Multipurpose emulsifier and surfactant for aqueous and non-aqueous applications.

ACRYLIC EMULSIONS

DeCAL-4002	Thermosetting acrylic emulsion (46% solids). Textile binder, good handle.
DeCAL-4005	Thermosetting acrylic emulsion (45% solids). Textiles, non-woven, industrial coatings, high chemical resistance, vertical blinds.
DeCAL-4030	Styrene/acrylic interior/exterior binder for paint, flexible fillers and sealants.
DeCAL-4032	Styrene/acrylic interior/exterior binder for paint, flexible fillers and sealants.
DeCAL-4033	Styrene acrylic copolymer.
DeCAL-4034	Pure acrylic interior/exterior paint binder.
DeCAL-4035	Flexible film forming aqueous styrene/acrylic emulsion polymer for low energy substrates.
DeCAL-4214	Ink transfer additive.
DeCAL-4286	Pigment grinding medium and let down vehicle for waterborne flexo inks.

DEFOAMERS FOR AQUEOUS SYSTEMS - SILICONE FREE

DeCAL-5011	Defoamer for paint/agrochemical dispersion, easily dispersed in water, minimises surface defects.
DeCAL-5012	Defoamer for a wide range of aqueous systems, paper coatings, and adhesives. Extensive FDA approval for indirect contact.
DeCAL-5018	Water-based paints, adhesives and polymer latex systems.
DeCAL-5030	Highly effective defoamer for textured coatings and adhesives.
DeCAL-5032	High PVC paint, adhesives, good with PVA polymers.
DeCAL-5044	Emulsion paints, paper coatings and adhesives. High pH and temperature resistance.
DeCAL-5045	Solvent free foam control agent for emulsion paints, paper coatings and adhesives.
DeCAL-5052	Universal defoamer with a wide range of applications.
DeCAL-5060 (powder)	Plasters, mortars, fillers, screeds and cements.
DeCAL-5061 (powder)	Plaster, fillers, mortars, screeds and cement - VOC free.
DeCAL-5063 (powder)	Plasters, mortars, filler, screeds, cements. Compatible with superplasticisers and 2K systems - VOC free.
DeCAL-5080	Waterborne inks and synthetic polymer emulsions.
DeCAL-5090	Biodegradable antifoam and defoamer for aqueous systems.

DEFOAMERS CONTAINING SILICONE FOR AQUEOUS SYSTEMS

DeCAL-5104	Water-based high gloss wood coatings.
DeCAL-5122	Inks, pigment dispersions, wood coatings (clear and pigmented).
DeCAL-5155	Low cost - excellent persistence and chemical stability in harsh environments, applicable in timber treatments.
DeCAL-5195	Effective in high PVC emulsion paints.

DEFOAMERS CONTAINING SILICONE FOR NON-AQUEOUS SYSTEMS

DeCAL-5280	Solvent and solvent free coatings/inks.
DeCAL-5290	General purpose foam control agent for coatings and food applications.

DEFOAMERS FOR NON-AQUEOUS SYSTEMS

DeCAL-5301	Air release agent for epoxy, acrylic and polyester resins.
DeCAL-5328	Air release agent for acrylic, epoxy and unsaturated polyester resins.

WATER TREATMENT/AUXILIARY CHEMICALS

DeCAL-9112	Extremely effective anti-crack additive for highly filled textured coatings and sealants. Cost effective plasticiser replacement.
DeCAL-9114	Plasticising agent giving permanent flexibility and elasticity. Derived from highly renewable sources and fully biodegradable.
DeCAL-9802	Super absorbant micronised sodium polyacrylate.
DeCAL-9317 (powder)	Viscosity modifier and binder in medium filled systems, antisettlement, lubricant properties.
DeCAL-DSA	Polymeric dust suppressant for mineral stock piles and construction roadways.
DeCAL-ERT09	Self emulsifying in H ₂ O Rapeseed Oil. Cutting fluid, dust suppressant, mould release agent, temporary dust suppressant for roads. Also enhances functionality of agrochemicals.
DeCAL-VMAP	Innovative polymers for modifying viscosity in cementitious applications.
DeCAL-6000	Dual function grinding agent and carrier for carbon black.
DeTOX-Titanium Dioxide	A wide range of grades, optimised for specific applications.
DeLOUR	The DeLOUR range of pigments are for coatings, inks and plastics; and are suitable for both water-based and solvent-based applications.
DeSPERSE	Our range of pigment dispersions including organic pigments, iron oxides and TiO ₂ .

CONSTRUCTION ADDITIVES

AptiCem	AptiCem is the construction division of Devine Chemicals. For details of our range of construction additives, please ask for a copy of our AptiCem brochure.
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