

devine 
CHEMICALS

the speciality chemicals company

Polyacrylates and Additives



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Industries served – Coatings, Paint, Ink, Adhesives, Construction, Textile, Cosmetic, HI&I, Agriculture, Ceramic, Leather, Mining, Oilfield

ALKALI SWELLABLE THICKENERS FOR AQUEOUS SYSTEMS

DeCAL 1000	Thickener for polishes, adhesives, cleaners and high build spray applied coatings
DeCAL 1015	Adhesives, latex compounds and rubber dispersions
DeCAL 1031	Low cost, 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

ASSOCIATIVE THICKENERS FOR AQUEOUS SYSTEMS

DeCAL 1104/E	Medium to high shear viscosity control, anti spatter, improved flow, sag/settling resistance in decorative 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 4.0 – 14.0, eliminates the need for neutralising agents
DeCAL 1201 (powder)	Water and/or powder blends, concrete admixtures, cement grouts, adhesives, anti sag, effective at pH 4.0 – 11.0, 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 pH4.0 – 11.0, 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	Family of sodium polyacrylates. Low cost for inorganic fillers and pigments. Coatings/paints/inks, agrochemical, adhesives, textiles, ceramics
DeCAL 2041/L	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 for water resistant ceramic tile adhesives, water based gloss paints, glycol compatibility
DeCAL 2045	Hydrophobic pigment dispersant for water resistant systems also excellent with reactive pigments, e.g. zinc oxide, rubber chemicals
DeCAL 2046/P	Efficient dispersant for water borne coatings and inks. Also improves in-can stability. Also available as a powder
DeCAL 2048	Coatings applications, textiles, oilfield, iron oxide dispersions
DeCAL 2075	Low temperature flowable, application in coatings, agrochemicals, textiles, construction and oilfield. 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
DeCAL 2079	Acid solution of polyacrylic acid, 50% solids. Applicable in a wide range of water borne coatings
DeCAL 2080	Cost effective ammonium polyacrylate. Efficient detergent builder or dispersant

SUPERPLASTICISERS – WATER REDUCERS / FLOW ADDITIVES / FLUIDISERS FOR GYPSUM

DeCAL 2094+ (powder)	High range water reducer/superplasticiser - self levelling compounds/underlayments, adhesives, plasters, grouts and concretes - superior flow
DeCAL 2095 (powder)	High range water reducer/superplasticiser - self levelling compounds/underlayments, water resistance, grouts and concretes - excellent surface smoothness
DeCAL 2097+	Extremely high efficiency water reducer/superplasticiser - excellent for pre-cast and ready-mix concrete
DeCAL 2098	High range water reducer/superplasticiser - fast set applications, anti shrink, self levelling compounds
DeCAL 2099	High range water reducer/superplasticiser - specifically tailored for extended open times and good flow retention

SUPERPLASTICISERS THIRD GENERATION

DeCAL 20703 (powder)	New generation high range water reducer/superplasticiser. Exceptional slump flow retention
DeCAL 20705 (powder)	New generation high range water reducer/superplasticiser. High flow retention without retardation. Self levelling and self compacting concretes
DeCAL 20713 (liquid)	New generation high range water reducer/superplasticiser. Exceptional slump flow retention, high early and final strength. Pumpable concrete/higher flow products
DeCAL 20715 (liquid)	New generation high range water reducer/superplasticiser. Exceptional slump flow retention, high early and final strength. Pumpable concrete/higher flow products

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 2170/B	High surface wetting detergency, pigment dispersion for agrochemical, paint, coatings, timber treatments
DeCAL 2171	Sulphosuccinate wetting agent in a water/alcohol blend
DeCAL 2190	28% sodium lauryl ethoxy sulphate solution high foam
DeMUL T60	Dispersant/stabiliser for rubber chemicals sulphur, antioxidant
DeMUL 175	Powder wetting agent, rubber chemicals, antioxidant
DeMUL 040	Silicone free surface active flow additive and colour acceptance improver for aqueous systems

ACRYLIC EMULSIONS

DeCAL 4002HC	Thermosetting acrylic emulsion (46% solids). Textile binder, good handle
DeCAL 4003	Thermosetting acrylic emulsion (45% solids). Textiles, non woven, industrial coatings, vertical blinds
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 4201	Alkali soluble acrylic binder for water borne flexo inks on paper and corrugated board
DeCAL 4214	Ink transfer additive
DeCAL 4286	Pigment grinding medium and let down vehicle for water borne flexo inks

DEFOAMERS FOR AQUEOUS SYSTEMS SILICONE FREE

DeCAL 5010	Multi-purpose defoamer, particularly suited to textile jet dyeing machines. Stable at both high shear and high temperature
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 5013	Emulsion paints, polymers, inks and adhesives
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 5040	Cost effective water induced mineral oil defoamer, highly effective in adhesives
DeCAL 5044	Emulsion paints, paper coatings and adhesives. High pH and temperature resistance
DeCAL 5045	Like DeCAL 5040 but lower supply viscosity
DeCAL 5052	Universal defoamer with wide range of applications
DeCAL 5060 (powder)	Plasters, mortars, fillers, screeds and cements
DeCAL 5061 (powder)	Plasters, mortars, fillers, screeds and cements VOC free
DeCAL 5062 (powder)	Plasters, mortars, fillers, screeds, cements, with superplasticiser and 2K systems VOC free
DeCAL 5063 (powder)	Plasters, mortars, fillers, screeds, cements, with superplasticiser and 2K systems VOC free
DeCAL 5070	Effective defoamer for a wide variety of cementitious formulations
DeCAL 5071	Mineral oil based defoamer for a wide range of cement systems, especially recommended for pre cast systems
DeCAL 5080	Water borne inks and synthetic polymer emulsions

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 5190	Foam control agent for aqueous systems. Effective in emulsion paints and adhesives
DeCAL 5195	Effective in high PVC emulsion paints
DeCAL 5198	Foam control agent for aqueous systems. Effective in emulsion paints and adhesives

DEFOAMERS CONTAINING SILICONE FOR NON AQUEOUS SYSTEMS

DeCAL 5280	Solvent and solvent free coatings/inks
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DEFOAMERS FOR NON AQUEOUS SYSTEMS

DeCAL 5301	Air release agent for epoxy, acrylic and polyester resins
DeCAL 5328	Air release agent for epoxy, acrylic 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 9113	Similar additive to DeCAL 9112. No labelling requirements
DeCAL 9125/6/7	Family of superabsorbent polyacrylamides for high water retention. Particle sizes: <300 microns/>0.85 <2.0mm/granules
DeCAL 9129/30 (powders)	Superabsorbant Polyacrylate particle sizes <0.3mm/ >0.15mm <0.85mm
DeCAL 9317 (powder)	Viscosity modifier and binder in medium filled systems, anti settlement, lubricant properties
DeCAL 9318 (powder)	High MWT sodium polyacrylate, thickener/stabiliser/lubricant
DeCAL 9521	Polymeric dust suppressant for mineral stock piles and construction roadways
DeCAL ERT09	Self emulsifying in H2O Rapeseed Oil. Cutting fluid, dust suppressant, mould release agent, temporary dust suppressant for roads. Also enhances functionality of agrochemicals
DeCAL VMAP L/H/P	Innovative polymers for modifying viscosity in cementitious applications. Available in both high and low molecular weights. Also available in powder form
DeEFFLO	Anti efflorescence additive with plasticising properties. Very low dosage requirements
DeTOX Titanium Dioxide	A wide range of grades, optimised for specific applications



All information is given in good faith and intended as guidance only. Devine Chemicals assumes no responsibility for any liability incurred. We recommend that users test the suitability of a product for a particular purpose prior to use.