



HOMECARE AND I&I

PRODUCT PORTFOLIO

THICKENERS AND FILM-FORMERS

OPTICAL BRIGHTENERS FOR TEXTILES

ENVIRONMENTALLY-AWARE SOLVENT SYSTEMS FOR CLEANING



ALFA
CHEMICALS
MANUFACTURING



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Thickeners and film-formers suitable for use in a wide variety of homecare, I&I applications



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CUSTOM BLENDS ALSO AVAILABLE THROUGH ALFA CHEMICALS MANUFACTURING

VIPYDONE™

THICKENERS SUITABLE FOR USE IN A WIDE VARIETY OF HOMECARE, I&I APPLICATIONS



VipyDone™ T Carbomers

VipyDone™ T Carbomers are highly efficient anionic thickeners based on cross-linked acrylic acid suitable for multiple applications. They are high molecular weight acrylic acid polymers that do not dissolve but disperse and swell in water and polar solvents.

VipyDone™ T FD Polymers

VipyDone™ T FD Polymers are highly efficient anionic thickeners based on hydrophobically modified cross-linked acrylic acid., they offer self-wetting, without mixing they disperse rapidly in water and polar solvents. VipyDone™ T FD Polymers offer rapid wetting and swelling time without need for high shear mixing.

VipyDone™ T HEC

VipyDone™ T HEC is a non-ionic, water-soluble polymer supplied as a white, free-flowing granular powder. The viscosity achieved is dependent on concentration and is not significantly affected by pH, salts, hydrophobic interactions etc. VipyDone™ T HEC is easily dissolved in cold or hot water to give crystal-clear solutions.

Applications:

- Aqueous and hydro-alcoholic gels
- Hand sanitising gels
- All types of emulsion including creams, lotions, sprays etc
- Household cleaners and polishes
- Fabric softeners
- Textile processing

Key properties:

- Long history of safe use in multiple applications
- Excellent thickening at low use levels
- Choice of grades for different rheology profiles
- Reduces processing time and costs

VIPYDONE™

FILM-FORMERS SUITABLE FOR USE IN A WIDE VARIETY OF HOMECARE, I&I APPLICATIONS



VipyDone™ T K Series

VipyDone™ T K-Series are a series of polymers covering a range of viscosities supplied as either powders or in aqueous solution. They are readily soluble in polar solvents and form hard, glossy, clear & oxygen permeable films. They can be used as an effective tablet binder due to their strong adhesive properties. The K-Series are compatible with most organic salts surfactants & other films formers.

VipyDone™ T VA Series

VipyDone™ T VA series are readily soluble in water and other polar solvents. They form hydrophilic, transparent, flexible, thermoplastic, oxygen-permeable films which adhere to many different surfaces. The adhesive strength increases with VP content and cohesive strength increases with VA content.

VipyDone™ T AVP

VipyDone™ T AVP series are substantive, film-formers delivering wear and water-resistance and moisture barrier properties. AVP 16 is liquid at room temperature, AVP 20 melts slightly above body temperature, and AVP 30 is firm textured and used in solid formats. All three grades are hydrophobic and insoluble in water.

Applications:

- Dishwashing
- Fabric Care
- Water resistant film formers for use in coatings
- Improving dispersion and colour strength of dyes and pigments

Key properties:

- Soluble in water and many organic solvents
- Complexes with dyes and other aromatics
- Dispersion aid - uniformly distributes components in a mixture
- Compatible in clear liquid, heavy duty detergents
- Excellent binder for tablet formulations

SPEEDBRIGHT™

OPTICAL BRIGHTENERS FOR TEXTILES



SpeedBright™

CBS-X

CAS Number: 27344-41-8

A fluorescent whitener with excellent build characteristics, chlorine stability and light fastness. It can be used in both conventional powder type detergents and compacts, but is also very effective in liquid detergents, giving high levels of fluorescence for minimal incorporation levels.

SpeedBright™

CBUS 450

CAS Number: 16090-02-1

A bis-(triazinylamino)-stilbene disulphonic acid whitening agent with good dry and wet fastness properties. It gives a very good whitening effect over the temperature ranges commonly used for domestic and commercial laundering.

SpeedBright™

DP74

CAS Number: 91-44-1

A fluorescent whitener with excellent build characteristics, particularly suited to application to protein fibres such as wool and natural silk where it gives high fluorescence at relatively low levels. It is also suited to the treatment of synthetic fabrics and laundry products designed to clean delicate fabrics.

SpeedBright™

DP386

CAS Number: 13001-38-2

A fluorescent brightening agent in dispersion form for application to polyester, triacetate or diacetate fibres, either by pad thermasol or exhaustion techniques. It is stable in hydrogen peroxide bleaching systems and is stable to reducing agents. For use in textile manufacturing, plastics and paper. Appearance is a yellow green dispersion.

SpeedBright™

DP389

CAS Number: 13001-38-2

A fluorescent brightening agent in dispersion form for application to polyester, triacetate or diacetate fibres, either by pad thermasol or exhaustion techniques. It is stable in hydrogen peroxide bleaching systems and is stable to reducing agents. For use in textile manufacturing, plastics and paper. Appearance is a blue to grey liquid.

Applications:

- Treatment of synthetic fabrics
- Chlorine-based bleaches
- Coatings and varnishes
- Laundry detergents and conditioners
- Polystyrene and polyamide
- Cellulose acetate
- Plastic and Paper (DP389 & DP386 only)

Key properties:

- Conventional density-type detergents and compact-types
- Free-flowing, non-dusting, readily dispersible in water
- Excellent solubility in most organic solvents and in hydrocarbons, so can be utilised in many different formulations and user applications
- High compatibility with other ingredients

RESIN KLEEN™

ENVIRONMENTALLY-AWARE SOLVENT SYSTEMS FOR INDUSTRIAL CLEANING APPLICATIONS



RESIN KLEEN™

HF

High solvency, low odour, readily biodegradable solvent system for industrial cleaning applications. RESIN KLEEN™ HF possesses low toxicity, low colour and low Volatile Organic Compound (VOC) contributions. It can be used to replace methylene chloride, acetone, and other harmful solvents.

RESIN KLEEN™

PS

High solvency, biodegradable solvent system for industrial cleaning applications. RESIN KLEEN™ PS can be used to replace THF, NMP and other harmful solvents. It is designed for use at ambient and elevated temperatures and is extremely effective at removing uncured or partially cured polyethersulfone, epoxy, and polyester resins and polyurethane.

Applications:

- Particularly effective for the removal of uncured components of polyester, adhesives or epoxy systems

Key properties:

- Low VOC & Toxicity
- High Solvency
- Non-chlorinated
- Clear Liquid

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information and technical assistance

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