



 **COSMO**
Textile Auxiliaries

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Cosmo Chemical is a chemical company manufacturing textile auxiliaries including optical brighteners and serves textile industry more than 15 years. A full range of good quality and environmentally friendly products, excellent technical service and individual assistance make us an innovative and competent partner for all textile related business.

We focus on customer-oriented development of the new textile auxiliaries and speciality chemicals. We develop optimum solutions for each individual requirement and intent more for customers. We would like to present the extensive and competent service to make the integration of our solutions into your processes as easy as possible even at your site.

Cosmo Chemicals has set a new state-of-art manufacturing facility at Kırac, Istanbul. We also have ISO 9001:2008 quality management system certified by SGS.



PRETREATMENT CHEMICALS

WETTING AGENTS

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| COS WET FN/FN CONC | It is a non-ionic, low foaming wetting and cleaning agent, suitable for both by exhaust and continuous processes |
| COS WET FN NEW | It is a non-ionic, low foaming wetting and cleaning agent, suitable for both by exhaust and continuous processes |
| COS WET MRZ | Nonionic, low-foam wetting agent, improves hydrophilicity of cellulosic fabric and its blends, suitable for continuous processes. |
| COS WET WY CONC | Concentrated, low foam, anionic-nonionic wetting and detergent, suitable for both by exhaust and continuous processes. It is stable to caustic soda up to 12 °Be'. |
| COS WET BT/BT CONC | Pure anionic wetting and cleaning agent. It can be used for both by exhaust and continuous processes. Increases pick-up. |
| COS WET EC/EC CONC | Low-foaming, anionic padding auxiliary for continuous and semi-continuous, dyeing process; wetting and deaerating agent for dyeing from long liquors. |
| COS WET QT CONC | Anionic, rapid wetting agent. It can be used in bobbin dyeing, de-sizing and bleaching baths |
| COS WET ECA/ECA CONC | Low-foaming, anionic padding auxiliary for continuous and semi-continuous, dyeing process; wetting and deaerating agent for dyeing from long liquors. |
| COS WET WY MERC CONC | Mercerizing wetting agent, it has high wetting and swelling power without foaming. |
| COS WET DTA EXTRA | Highly concentrated, nonionic wetting agent, emulsifier and detergent. It is low foam and can be used in a wide range of textile preparation processes. |
| COS WET D-NAN | A highly efficient, odourless wetting and deaerating agent with outstanding foam suppressing properties for use in wet treatments of textiles |

DETERGENTS

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| COS CLEAR FN/FN CONC | Nonionic, low foam detergent to improve scouring and bleaching efficiency of knitted and woven fabrics. |
| COS CLEAR FN-70 | Nonionic, low foam high performance scouring agent for cellulose, synthetic and blends. |
| COS CLEAR RYS/RYS CONC | It is a multifunctional detergent with wetting, emulsifying and dispersing properties. It is very effective for removing silicone and hydrocarbon oils from textiles |
| COS CLEAR ES/ES CONC | It is a highly concentrated detergent, very effective for removing oil and stains from textile. |

SEQUESTERING AGENTS

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| COS QUEST PA-40/PA-30 | It has a high sequestering power, dispersing and softening properties, suitable for pretreatment and dyeing processes. |
| COS QUEST ARL | It has high capacity to form complex with metal ions give hardness to water. |
| COS IBK 501 | It is a sequestering and water softening agent, suitable for pretreatment and dyeing processes. |
| COS QUEST IBK-B | It is a sequestering and water softening agent, suitable for pretreatment and dyeing processes. |
| COS IYON NEW | It is a sequestering and dispersing agent for textile wet processes. |
| COS IYON TK | It is a sequestering and dispersing agent for textile wet processes. |
| COS DM POWER | Demineralization and sequestering agent for pretreatment process. |

STABILIZERS

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| COS STAB FCB-NEW | Concentrated organic peroxide stabilizer, suitable for both by continuous and discontinuous processes. |
| COS STAB NF/NF CONC | Organic peroxide stabilizers, suitable for exhaust applications. |

ENZYMES

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| COS SIZE DS CONC | Concentrated alpha amylase enzyme for complete desizing at all temperatures |
| COS SIZE DS BASE | Highly concentrated alpha amylase enzyme for complete desizing at all temperatures. |
| COS PEROX 10L | Acid and temperature stable catalase enzyme for antiperoxide treatment. |
| COS PEROX 60L | It is a catalase enzyme is used to remove residual peroxide from bleaching bath. |
| COS CAT HC EXTRA | Highly concentrated catalase enzyme is used to remove residual peroxide from bleaching bath. |
| COS POLISH HC EXTRA | Highly concentrated cellulase enzyme for biopolishing and permanent antipilling effect, improvement in the handle of fabrics made of cellulosic fibers, suitable for defibrillation of lyocell fibers. |
| COS POLISH HC CONC | Concentrated cellulase enzyme for biopolishing and permanent antipilling effect, improvement in the handle of fabrics made of cellulosic fibers, suitable for defibrillation of lyocell fibers. |
| COS POLISH CONC | Cellulase enzyme for biopolishing and permanent antipilling effect, improvement in the handle of fabrics made of cellulosic fibers, suitable for defibrillation of lyocell fibers. |
| COS POLISH CN | Cellulase enzyme for biopolishing and permanent antipilling effect, improvement in the handle of fabrics made of cellulosic fibers, suitable for defibrillation of lyocell fibers. |
| COS POLISH NOTR/NOTR 100 HC | Biopolishing enzyme for application at neutral pH that gives the typical benefits offered by classic acid cellulases for the biopolishing process. |

OPTICAL BRIGHTENERS

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| COS BRIGHT BK | High affinity, blue shade optical brightener for cotton, nylon and wool fibers, especially suitable for exhaustion process. |
| COS BRIGHT BK-100 | Concentrated, high affinity, blue shade optical brightener for cotton, nylon and wool fibers, especially suitable for exhaustion process. |
| COS BRIGHT BK CONC | Highly concentrated, high affinity, blue shade optical brightener for cotton, nylon and wool fibers, especially suitable for the exhaustion process. |
| COS BRIGHT BKBB | Optical brightener for cotton and blends with blue shade, suitable for exhaustion process. |
| COS BRIGHT BKB-BL | Optical brightener for cotton and blends with blue shade, suitable for exhaustion process. |
| COS BRIGHT NC/NC -100 | Medium affinity optical brightener with blue shade for cotton, nylon and wool, especially suitable for foulard application. |
| COS BRIGHT BMBB | Optical brightener in medium affinity for cotton and blends with blue shade, especially suitable for foulard application. |
| COS BRIGHT RHS | Acid-resistant optical brightener for cotton and blends with blue-violet shade, especially suitable for resin applications. Low affinity. |
| COS BRIGHT AST/AST 90P | Blue shade, acid-resistant, medium affinity optical brightener for cotton and blends. |
| COS BRIGHT CPA | Optical brightener for nylon, wool and cotton fibers and their blends. It can be used in exhausting and continuous processes. |
| COS BRIGHT CPO | Blue shade optical brightener for nylon, wool and cotton fibers and their blends. It can be used in exhausting and continuous processes. |
| COS BRIGHT ESR | Violet-white shade optical brightener for polyester and its blends. It is suitable for both by continuous and exhaustion processes. |
| COS BRIGHT CAS-X | Violet-blue shade optical brightener for polyester and blends. It is suitable for continuous and exhaustion processes. |

COMBINED BLEACHING AGENTS

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| COS BLUE BB/BBS | Economical special bleaching material suitable for HT-process. It gives high hydrophilicity and whiteness. |
| COS BLEACH COMBI | Special combined bleaching material for the exhausting process. It gives high hydrophilicity and whiteness. |
| COS COMBI K | Special combined bleaching material for the exhausting process. It gives high hydrophilicity and whiteness. |
| COS BLEACH CV GRANULE | Pretreatment material for viscose and rayon fabric in powder form. |

NEUTRALIZATION AGENT

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| NEUTRACID OBN | The neutralization agent, which consists of a synergistic mixture of organic acids, provides effective and precise pH values. |
| NEUTRACID NA | The neutralization agent, which consists of a synergistic mixture of organic acids, provides effective and precise pH values. |

DYEING AND PRINTING CHEMICALS

DISPERSING AGENTS

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| COS DIS NS POWDER | Powder form dispersing-solubilizing-hydrotrope agent for dyeing polyester and polyester blends with disperse, vat and sulphur dyes in the atmospheric and HT dyeing. |
| COS DIS NS CONC | Ammonium salt type dispersing agent, solubilizer, hydrotrope agent for dyeing polyester and polyester blends with disperse, vat and sulphur dyes in the atmospheric and HT dyeing. |
| COS DIS WN CONC | Concentrated dispersing-solubilizing-hydrotrope agent for dyeing polyester and polyester blends with disperse, vat and sulphur dyes in the atmospheric and HT dyeing. |
| COS DIS WN | Dispersing-solubilizing-hydrotrope agent for dyeing polyester and polyester blends with disperse, vat and sulphur dyes in the atmospheric and HT dyeing. |

LEVELLING AGENTS

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| COS LEVEL POL CONC | Concentrated levelling agent for PES, acrylic and wool fibres. |
| COS E 40 CONC | Levelling agent for PES, acrylic and wool fibres. |
| COS LEVEL CO 60 | Leveling agent for dyeing with reactive and direct dyes on cellulosic fibres and their blends. |
| COS LEVEL NLA CONC | Levelling agent for exhaust dyeing of polyamide fibres with acid and metal complex dyes. |

FIXING AGENTS

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| COS FIX ECO CONC | Re-dyeable, formaldehyde-free high concentrated fixing agent for direct and reactive dyes. |
| COS FIX ECO | Re-dyeable, formaldehyde-free concentrated fixing agent for direct and reactive dyes. |
| COS FIX FFF | Re-dyeable, formaldehyde-free fixing agent for direct and reactive dyes. |
| COS FIX CONC | Low formaldehyde fixing agent for direct and reactive dyes. |
| COS FIX-70 | Low formaldehyde high concentrated fixing agent for direct and reactive dyes. |
| COS FIX PA | Highly efficient fixing agent for the after-treatment of dyeings and prints on all kinds of polyamide fibres and their blends. |
| COS FIX PA CONC | Highly efficient concentrated fixing agent for the after-treatment of dyeings and prints on all kinds of polyamide fibres and their blends. |
| COS FIX IDF | Concentrated dyefixing agent for indigo dyed denim garment. |

WASHING-OFF AND SOAPING AGENTS

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| COS WASH POL 40 | Concentrated non-foaming washing off agent with sequestering and dispersing properties. |
| COS WASH PR | Washing off agent for reactive dyeing and printing. |
| COS WASH PYS | Soaping agent for cellulosic fibers and blends which prevents reprecipitation of dye after dyeing with reactive dye or after printing. |
| COS WASH PYS POWDER | Powder form washing off agent for reactive dyeing and printing |
| COS WASH CDF POWER | Anionic/nonionic, ecological, reducing washing-off agent for polyester and cotton-polyester blends dyeing. |
| COS CLEAR F | Non ionic multifiber agent, used in exhaust, continuous process and printing of tissuus. |
| COS FAST APY-04 | Anti phenolic-yellowing agent for polyamide fiber. |
| COS WASH NF | Solvent-free washing agent used for cleaning textile printing and dyeing machines. |
| COS WASH MCF | Dyeing machine cleaner. |
| COS WASH MW | Solvent-free washing agent used for cleaning textile printing and dyeing machines. It is also used in reducing washing of PES fibers. |
| COS PROTECT DYE | Protective agent against reduction of sensitive dyes in dyeing and printing. |

ANTICREASING AGENTS

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| COS PKO NEW | Polimer-based anti-creasing agent in wet-processing like bleaching, dyeing and pre-treatment. |
| COS PKO CONC | Concentrated polimer-based anti-creasing agent in wet-processing like bleaching, dyeing and pre-treatment. |
| COS PKO POWDER | Powder form polimer-based anti-creasing agent in wet-processing like bleaching, dyeing and pre-treatment. |
| COS EKO | Oil-based anti-creasing and leveling agent for wet processes of cellulosic fibers, wool, silk and their blends with synthetic fibers. |
| COS EKO CONC | Oil-based concentrated anti-creasing and leveling agent for wet processes of cellulosic fibers, wool, silk and their blends with synthetic fibers. |

CARRIER

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| COS CAR NOC | Dyeing accelerant and levelling agent for the HT dyeing of yarns and fabrics of polyester and their blends with cellulosic fibres and wool. |
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ACID-ALKALI DONORS

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| COS BUFFER CONC | Acid buffer for dyeing polyester or other fibers and their blends. |
| NEUTRACID NA | New neutralizing agent for efficient and precise pH control. |
| NOTRACID OBN | Acid buffer for general use. |
| COS ALKA | Liquid alkaline agent, can be used instead of soda ash in reactive dyeing. |

DIGITAL PRINT THICKENER

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| COS PRINT DJT | Digital print thickener |
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ANTI-BACK STAINING AGENTS

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| COS DIS ABS | Anti-back staining agent for indigo dyed denim washing. |
| COS DIS ABS CONC | Concentrated anti-back staining agent for indigo dyed denim washing. |
| COS DIS ABS BASE | A specialized polymer which gives excellent anti-backstaining performance during indigo dyed denim washing. Powder form. |

FINISHING CHEMICALS

SILICONE SOFTENERS

HYDROPHILIC SILICONES

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| COS SIL AQUA N30 | Highly concentrated hydrophilic silicone emulsion with weak cationic structure that can be used in all kinds of fibers and their blends with each other and can be applied both by exhaustion and padding method. |
| COS SIL AQUA N10 | Hydrophilic silicone emulsion with weak cationic structure that can be used in all kinds of fibers and their blends with each other and can be applied both by exhaustion and padding method. |
| COS SIL N-30SG | Hydrophilic silicone emulsion with weak cationic structure that can be used in all kinds of fibers and their blends with each other and can be applied both by exhaustion and padding method. |
| COS SIL AQUA N30 MAC | Highly concentrated hydrophilic macro silicone emulsion with weak cationic structure, which can be used in all kinds of fibers and their blends with each other, can be applied both by exhaustion and padding method. |
| COS JETSIL BLR | Hydrophilic silicone emulsion with weak cationic structure that can be used in all kinds of fibers and their blends with each other and can be applied both by exhaustion and padding method. |
| COS SOFT HNM-P | Hydrophilic silicone emulsion with weak cationic structure that can be used in all kinds of fibers and their blends with each other and can be applied both by exhaustion and padding method. |

MICRO SILICONES

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| COS SOFT MC 2014 | Imparts excellent silky hand with high surface smoothness, suitable also for white fabrics. |
| COS NMW ECO | Imparts excellent silky hand with high surface smoothness, suitable also for white fabrics. |
| COS MICROSIL SHR | Concentrated micro silicone emulsion that can be applied to all types of fibers with foulard application. |
| COS NMW HIGH CONC | Highly concentrated micro silicone emulsion that can be applied to any type of fiber by padding. |
| COS MICROSIL H2C 100 | Concentrated micro silicone emulsion with high surface lubricity that can be applied to all types of fibers with padding. |
| COS MICROSIL HIGH CONC | Highly concentrated micro silicone emulsion that can be applied to any type of fiber by padding. |

MACRO SILICONES

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| COS SOFT MKS-HS | It imparts a very soft, drapable and elastic hand to a wide range of fiber materials such as cotton (CO), polyester (PES), viscose (CV) and their blends. |
| COS SOFT MKS HS CONC | It imparts a very soft, drapable and elastic hand to a wide range of fiber materials such as cotton (CO), polyester (PES), viscose (CV) and their blends. |

SYNTHETIC FIBER SILICONES

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| COS SIL PES NY-30 | Silicon softener with weak cationic block-amino structure, used for softening synthetic fibers, wool, silk and cotton blends, which can be applied both by exhausting and foulard application. |
| COS SIL PES NY CONC | Silicon softener with weak cationic block-amino structure, used for softening synthetic fibers, wool, silk and cotton blends, which can be applied both by exhausting and foulard application. |

SOFTENERS

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| COS SIL MRS CONC | Nonionic silicone-containing softener, suitable for use in all types of fibers, can be applied with foulard application, giving the fabric softness, fullness and a slippery touch. |
| COS SOFT NY | Nonionic softener that can be used in all kinds of fabrics and dyes, can be applied both by exhausting and foulard application, giving fullness and softness to the material. |
| COS SOFT NCN | Concentrated softener with nonionic structure that can be used in all kinds of fabrics and dye types, can be applied both by exhausting and foulard application, giving the material fullness and softness. |
| COS SOFT UK | Cationic softener suitable for use in all types of fibers, which can be applied both by exhausting and foulard application, giving fullness and softness to the material. |
| COS SOFT MIX SHR 80 | Cationic softener suitable for use in all types of fibers, which can be applied both by exhaustion and foulard application, giving the fabric softness, fullness and a strong touch. |
| COS SOFT HN | A weak cationic softener suitable for use in all types of fibers, which can be applied both by exhausting and foulard application, giving fullness and softness to the material. |
| COS SOFT MIX-S | A weak cationic softener suitable for use in all types of fibers, which can be applied both by exhausting and foulard application, giving fullness and softness to the material. |
| COS SOFT NY FLAKE | Non-ionic softener base used for finishing cellulose and synthetic fabrics and their blends. |
| COS SOFT KY FLAKE | Cationic softener base used for finishing cellulose and synthetic fabrics and their blends. |
| COS SOFT NY 100 | Completely hydrophilic, low temperature soluble, 100% concentrated liquid nonionic softener. |
| COS SOFT KY 100 | Completely hydrophilic, low temperature soluble, 100% concentrated liquid cationic softener. |
| COS SOFT H-SE | Softener and lubricant for woven and knitted garments, primarily consisting of cellulosic fibers or their blends with synthetic fibers, and improves very much the sewability of the treated fabrics. |

ANTI-STATIC CHEMICALS

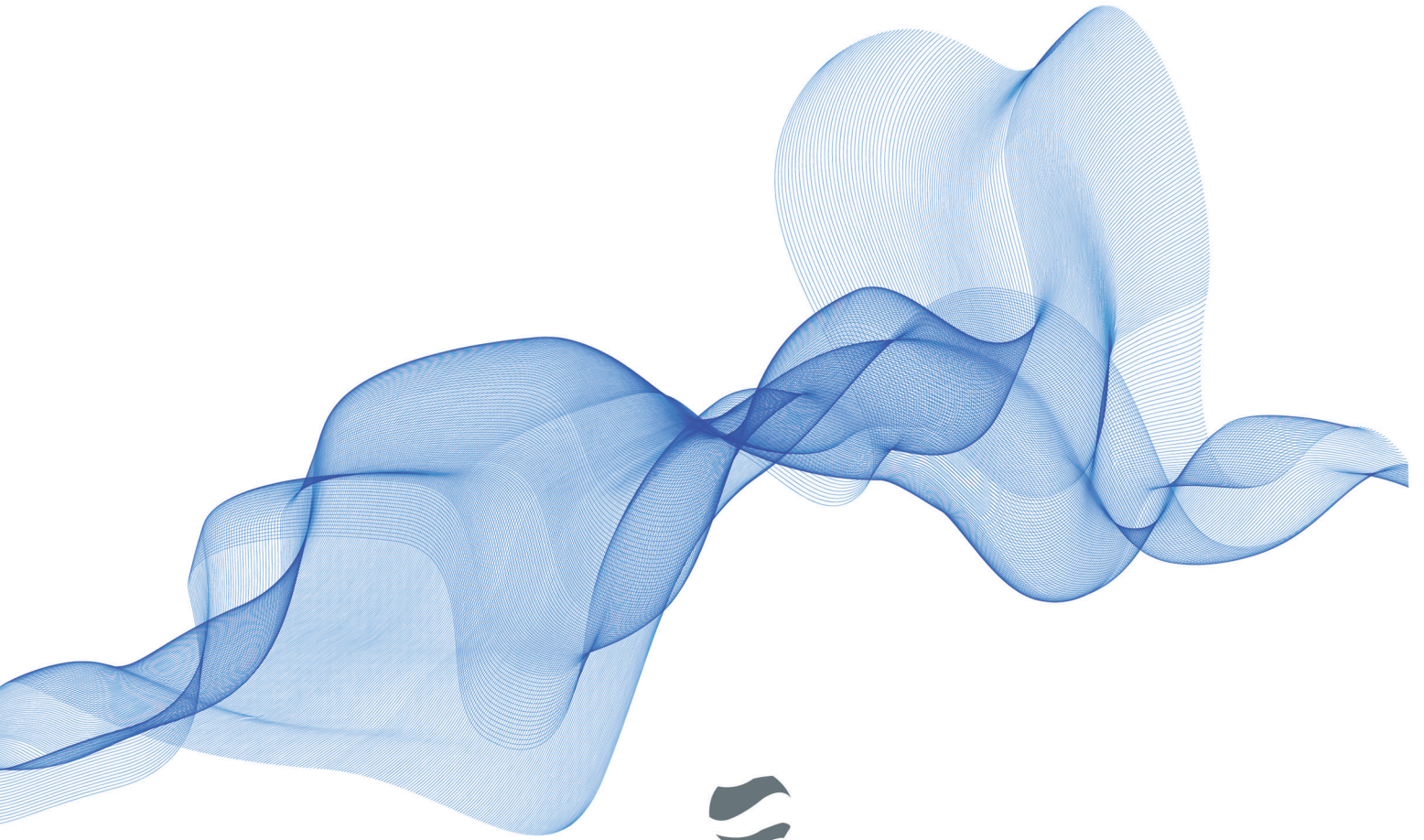
| | |
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| COS AVM KT | Highly effective anionic / nonionic antistatic agent for polyamide, polyester and acrylic fiber process floats, which can be applied by both exhausting and padding. |
| COS STAT PTA | Highly effective anionic antistatic agent for polyamide, polyester and acrylic fiber process floats, which can be applied by both exhausting and foulard application. |
| COS AVM CONC | Highly effective anionic / nonionic antistatic agent for polyamide, polyester and acrylic fiber process floats, which can be applied by both exhausting and padding. |

WATER and OIL REPELLENT

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| COS GUARD YSA | It is used to produce permanent water and stain repellent finishing of textiles based on polyester, polyamide, acrylic, wool and cellulosic fibres and their blends |
| COS GUARD YSA CONC | It is used to produce permanent water and stain repellent finishing of textiles based on polyester, polyamide, acrylic, wool and cellulosic fibres and their blends |

SPECIAL FINISHING CHEMICALS

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| COS DRY FT | Concentrated special finish for polyester fibers with nonionic structure, providing hydrophilicity, softness, antistatic and stain repellency, which can be applied both by exhausting and padding. |
| COS DRY FT-40 | Special finish for polyester fibers with nonionic structure, providing hydrophilicity, softness, antistatic and stain repellency, which can be applied both by exhausting and padding. |
| COS DEEPER PRK | Padding auxiliary to increase pickup, improve the appearance of the goods and prevent frosting when dyeing PES/CEL fabrics by the thermosol process |
| COS RESIN LMT | Stiffener and handle-modifier for textiles made of synthetic fibres and their blends; crosslinking of polymers, stiffening of fibreklas non-wovens, low-odour processing |
| COS SOFT PE | Nonionic Polyethylene emulsion. It is an excellent resin plasticizer, fibre lubricant and softener, and adds drape to fabrics treated with thermosetting resins |
| COS SOFT PE CONC | Concentrated nonionic Polyethylene emulsion. It is an excellent resin plasticizer, fibre lubricant and softener, and adds drape to fabrics treated with thermosetting resins |
| COS FAST WRF | Finishing agent that provides a significant improvement in dry and wet rubbing fastness of fabrics dyed with pigment, sulfur dyes, indigo dyes and reactive dyes. |
| COS FIX NZK | Formaldehyde-free, wrinkle-free finishing resin in catalyst for cellulose and its blends. |
| COS FLAM HD POWDER | It is suitable for the flame-retardent finishing of cellulose fiber and blends with synthetic fibers. Non permanent. |



Global Organic Textile Standard (GOTS)

Approved Dyestuffs and Textile Auxiliaries for the Global Organic Textile Standard (GOTS)
Version 6.0 March 2021



ISO 45001:2018

ISO 14001:2015



SUSTAINABLE TEXTILE
SOLUTIONS

CERTIFICATE OF ZDHC MRSL V2.0 LEVEL 3 PRODUCT CONFORMANCE

Certificate No: 0008-BWSTSUK-ZDHCL3-2021-JANUARY-25th



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