

# Textile Auxiliary Agents



# 1. TAA for pretreatment

*(desizing, mercerizing, boiling, bleaching)*

## STABILIZATOR 709

*organic acid derivative, liquid, non-ionic*

Sequestering agent for masking of  $\text{Ca}^{++}$  and  $\text{Mg}^{++}$  ions, effective in high alkaline baths (up to pH 14). Suitable for pretreatment baths and for dyeing and prints soaping.

## TEXACID AC

*organic acid, liquid, nonionic*

Product determined for rest alkalinity removal after alkaline cellulosic textile treatment, non-volatile, odourless. TEXACID AC creates soluble compounds by reaction with  $\text{Ca}^{++}$  and  $\text{Mg}^{++}$  ions which results in better dyeing parameters obtained at following dyeing. Whiteness of bleached fabrics is stabilized due to the bond alkali elimination. Prevention of decrease of OBA effects.

## TEXAKTIV E

*powdery product with oxidizing effect*

Determined especially for substrate-friendly bleaching processes for activation of hydrogenperoxide or perborate bleaching baths.

## TEXKVEST 1505

*acid mixture, yellowish liquid, non-ionic*

Agent for demineralization of cellulosic fibres during pretreatment and before peroxide bleaching. Sustainable reduction of calcium, magnesium and iron content eliminates significantly the risk of the presence of these ions on the substrate (i.e. decrease of absorptivity, reduction of dyeing yield and depth of shade, handle impairment, deposition of undissolved dyes on the yarns during package dyeing, deposits on finishing equipment). Application of TEXAKVEST 1505 is suitable mainly for pretreatment of multicoloured woven goods because of significant reduction of vat and naphthol dyestuffs bleeding into the white ground.

## TEXAKVEST FE

*salt of polycarboxylic acid, liquid, non-ionic*

Agent blocking Fe ions in finishing baths. Suitable mainly for peroxide bleaching baths during cotton and flax fibres finishing, where presence of Fe ions leads to undesirable radical decomposition of hydrogen peroxide which subsequently results in cellulosic fibre damage and whiteness degree reduction.

## TEXALKON K

*mixture of inorganic alkaline compounds, liquid*

Agent for fixing of reactive dyestuffs and pH optimization at vat dyeing

## TEXALKON MS

*powdery blend of inorganic alkaline compounds*

Agent supporting fixation of reactive dyes on cellulosic fibres. It maintains a constant pH-value during the whole time of fixation which results in the optimum dyeing yield.

## **TEXAMERC A**

*sodium alkylsulphate, liquid, anionic*

Highly efficient wetting agent for mercerizing of cellulosic materials. Low-foaming.

## **TEXAMERC MN**

*yellowish liquid, anionic*

Highly efficient wetting agent for mercerizing of cellulosic materials. Non-foaming.

## **TEXAMYL BL**

*bacterial alpha-amylase, liquid, non-ionic*

Universal bacterial enzymatic thermo-stable desizing agent for rapid starch size degradation, suitable also for conventional dwelling processes.

## **TEXAMYL BP neu**

*bacterial alpha-amylase + tenside, liquid, non-ionic*

Thermo-stable enzymatic desizing agent with a tenside system determined for rapid continuous and discontinuous degradation of starch sizes incl. dwelling processes.

## **TEXAMYL BPA**

*bacterial alpha-amylase + tenside, liquid, non-ionic*

Fortified thermo-stable bacterial enzymatic desizing agent with enhanced desizing activity for rapid degradation of starch sizes suitable also for conventional dwelling processes.

## **TEXAMYL BPI**

*bacterial alpha-amylase + tenside, liquid, non-ionic*

Fortified thermo-stable bacterial amylase for rapid starch sizes degradation, suitable also for conventional dwelling processes.

## **TEXAMYL ND**

*bacterial alpha-amylase, liquid, non-ionic*

Thermostable enzymatic agent for ultra-rapid continuous and discontinuous desizing processes.

## **TEXAMYL NS**

*bacterial alpha-amylase, liquid, non-ionic*

Bacterial amylase for conventional desizing at 60-70°C or by long-time cold dwelling.

## **TEXAMYL NSO**

*bacterial alpha-amylase, stable at temperatures up to 70°C, liquid, non-ionic*

Enzymatic desizing agent determined for starch-based sizes removal, preferably by pad-batch processes and for processes connected with denim washing-off for worn-out look achievement.

## **TEXAMYL NUV neu**

*bacterial alpha-amylase containing surfactants, liquid, non-ionic*

Thermo-stable bacterial amylase for rapid degradation of starch sizes and finishes suitable also for conventional dwelling processes.

## **TEXAPAL PIL**

*non-ionic/anionic mixture of citrus fruits and tensides with emulgation effect, yellowish liquid*

Highly effective washing agent containing a biodegradable citrus oil determined for pretreatment of fabrics from polyester, polyamide, lycra, wool, cotton and their blends.

## **TEXAPAL SN**

*non-ionic tensides + ecofriendly solvents, liquid, non-ionic*

Low-foaming washing agent suitable for pretreatment of textile materials, especially in case of a higher content of greasy impurities on the fibres.

## **TEXAZYM PAL**

*non-ionic granulate*

A combined enzymatic agent determined for effective decomposition of fats, starch and protein substances. Suitable for removal of impurities and dirt from textiles.

## **TEXAZYM PF neu**

*alpha-amylase + tensides, liquide, non-ionic*

Special enzymatic agent suitable for finishing flax rovings, suppressing "flags" creation in spinning.

## **TEXAZYM RES**

*powder, nonionic*

Enzymatic agent for removal of non-fixed reactive dyes after reactive dyeing. Eco-friendly alternative of „soaping“ surfactants enabling to reach similar colourfastnesses results at temperature 60°C without influence on shade and depth of dyeing.

## **TEXAZYM SC**

*liquid, nonionic*

Enzymatic agent for bio-pretreatment of cotton substrates. Eco-friendly alternative of alkaline scouring effective under mild conditions enabling a substantial reduction of waste water loading, savings of processing time, water and energy. Pectin removal from primary cotton wall without damage of cellulosic substrate. Possibility of combination with desizing agents.

## 2. TAA for dyeing and printing

(levelling, dispersing, wetting, dyestuff fixing, crease preventing )

### STABILIZATOR 709

*organic acid derivative, liquid, non-ionic*

Highly effective agent increasing speed of removal of hydrolysed parts of reactive dyes and improving colourfastnesses after dyeings and prints aftertreatment. As a soaping agent it is suitable even for naphthol, sulphur and vat dyeings.

### TEXAFIX AM, AMT conc.

*heterocyclic compound, liquid, cationic*

Formaldehyde-free fixing agent improving colourfastnesses of substantive and other anionic dyestuffs on cellulosic and polyamide fibres.

### TEXAFIX BK

*aromatic blocked polyisocyanate, water dispersion, non-ionic*

Cross-linking agent for binders determined for pigment print and special finishing systems. Cross-linker for coating pastes washing stability increase.

### TEXAFIX E

*mixture of polymeric substances, liquid, cationic*

Agent for cationisation of cellulosic fibres enabling the dyeing with selected pigments and dyestuffs by exhaustion process.

### TEXAFIX FP

*polyamine compound, liquid, non-ionic*

Highly effective fixing agent for selected substantive dyes, especially for blacks. Stabilizing agent for dyeing with vat dyes.

### TEXAFIX LF

*special cationic high-molecular polymer, liquid*

A formaldehyde-free fixing agent for improvement of reactive dyeing colourfastnesses. Without influence on light-fastnesses and color shade. Excellent fastness in chlorine.

### TEXAFIX SON

*polyurethane microemulsion, liquid, cationic*

Fixing cationic PUR emulsion with a significant softening effect. Improvement of abrasion resistance. Suitable mainly for final application on textiles after washing procedures used for worn-out look achievement.

### TEXAKRYL MPSN

*acrylic copolymers, liquid, anionic*

Soft binder for pigment printing and dyeing. Soft handle achievement keeping simultaneously high colourfastnesses.

### TEXAMIN ECE

*polyheterocyclic compound, liquid, cationic*

Cationic agent for improving of dyeability of cellulosic fibres with anionic dyes resulting in substantially increased dyestuff yield and lower impact of dyeing on environment: suitable for processes with reduced salt concentrations, enables one-bath applications for special dyeing effects.

## **TEXAMIN LW**

*quarternary ammonium salt, liquid, strongly cationic*

Agent for cationization of cellulosic fibres before dyeing with substantive and reactive dyes and for modification of colouristic properties of protein fibres.

## **TEXAPAL PR**

*aqueous solution of special polymers, anionic*

Special agent for aftertreatment of reactive dyeings and prints (incl. deep blacks), suitable for combination with enzymatic preparation TEXAZYM RBO. Increased removal of non-fixed hydrolyzed reactive dyes for final colourfastnesses increase. Doesn't bind metals from metal complex dyes. Applicable on all types of machinery equipment. Dispergation and sequestering effect, prevention of dyes redeposition. GOTS approved, APEO-free. Low-foaming.

## **TEXAPAL RE**

*carboxylic acid derivate, liquid, non-ionic*

Agent for aftertreatment of reactive dyeings or prints. Increased removal of non-fixed hydrolyzed reactive dyes for final colourfastnesses increase. Doesn't bind metals from metal complex dyes

## **TEXAZYM APOX**

*blend of oxidase and cellulose enzymes, liquid, non-ionic*

Enzymatic agent for one bath simultaneous residual hydrogen peroxide decomposition and pills forming suppression. Applicable directly in dyeing bath.

## **TEXAZYM DOX**

*oxidase, liquid, non-ionic*

Enzymatic agent for removal of residual hydrogen peroxide after pre-bleaching process before dyeing with dyes sensitive to peroxide. Increased dyeing yield. Eco-friendly process: saving of rinsing water and cutting of production time.

## **TEXAZYM RBO**

*enzymatic agent, yellowish powder*

Special enzymatic preparation determined for ecofriendly aftertreatment of reactive dyeings (specially deep blacks) in combination with washing agent TEXAPAL PR.

## **ZAHUŠŤOVADLO P**

*acrylic polymer-based dispersion in organic solvent, paste*

Thickener for printing and coating pastes preparation.

### 3. TAA for final processing

(softening, non-shift, back coating, coatings)

#### DISPERGATOR DKN neu

*mixture of anionic tensides with softener, liquid*

Agent for dispergation of PA and PES hotmelt powders in coating pastes for fixing interlinings production.

#### SILTEX W2

*modified polysiloxan + quarternary salt, nonionic, liquid*

Silicone microemulsion with softening effect. High resistance in mechanical stress.

#### SILTEX WN

*modified polysiloxane, liquid, non-ionic*

Silicone microemulsion softener with high polishing effect. Improves sewing properties and recovery angles. Provides soft handle and drape.

#### SOTEX R-72

*acrylic copolymers, liquid, anionic*

Blend dispersion of thermo-reactive polymers for back-coating of synthetic furs, suitable also for foam-coating applications. It creates a flexible film resistant to dry cleaning and washing. Suppressed stickiness. Non-yellowing.

#### TEXACID B

*white crystalline compound with limited solubility in water, non-ionic inorganic acid*

Buffering and neutralizing agent for mild removal of rest alkali from textiles suitable especially for fabrics with finishing sensitive to acid conditions.

#### TEXACOAT ECO FR

*bicomponent water-based dispersion of blend of polyphosphate copolymer, slightly anionic*

Ecofriendly Br- and Sb- free product for flameproof finishing of upholstery and automotive textiles by back coating. Suitable for natural and synthetic fibres and blends incl. 100% PES. Application by air knife. Low fogging.

#### TEXAFIX HY

*water-based acrylic polymer dispersion, anionic*

Extremely soft dispersion for application in coating pastes and for binding of nonwoven textiles from PES fibres.

#### TEXAFIX S

*thermo-reactive dispersion of acrylic copolymer, anionic*

Finishing product providing textiles with soft handle suitable also for coating pastes in combination with other types of acrylics.

#### TEXAFIX SY

*dispersion of acrylic copolymer, anionic*

Finishing product for special finishing and coating, providing textiles with flexible, tough film of high water resistance.

## **TEXAFIX SW**

*water-based polyurethane dispersion*

Finishing product providing textiles with higher elasticity, suitable mainly for coating pastes with hydrophobic effect or for wash-out effects.

## **TEXAFLAM BS**

*complex alkylphosphonates –based product, slightly anionic yellowish liquid*

Agent for semi-permanent flameproof finishing of cellulosic and synthetic fabrics (PET, PA, PAN) and their blends. Suitable especially for furniture and upholstery fabrics. Eco-friendly halogen-, formaldehyde- and antimony oxide-free product.

## **TEXAFLAM GPF, GPFN**

*methylol derivative of organophosphorus compound, liquid, non-ionic*

Agent for permanent flameproof finishing of cellulosic fabrics and blends up to 25% of synthetics (PES, PA). Application by laundry processing in combination with catalyst KATALYZATOR FRE.

## **TEXAFLAM HT**

*blend of complex organic phosphonates, viscous liquid, non-ionic*

Agent for permanent flameproof finishing on 100 % polyester (loose material, yarn, flat textiles) by one-bath application during HT dyeing at 130°C on dyeing apparatus or jiggers in combination with TEXAFLAM HX (booster, dispergation and levelling agent, low-foaming). Low fogging - suitable also for FR finishing of automotive textiles.

## **TEXAFLAM L**

*organic and inorganic phosphorus compounds blend, liquid, without ionicity*

Agent for non-permanent flameproof finishing of cellulosic fibres and their blends with synthetics.

## **TEXAFLAM LP**

*phosphorus/nitrogen-based product, liquid, without ionicity*

Agent for non-permanent flameproof finishing of cellulosic fibres and their blends with synthetics. Stable in repeated dry-cleaning cycles.

## **TEXAFLAM PE Conc.**

*organophosphorus flame retardant, complex phosphonates, viscous liquid, non-ionic*

Agent for permanent flameproof finish on 100 % polyester applied by thermosol process (impregnation, HT treatment). Suitable for treatment of clothing (PPE) and technical fabrics, draperies and curtains, interior textiles.

## **TEXAFLAM PN**

*ammonium based flame retardant, clear liquid, nonionic*

Agent for non-permanent flameproof finishing of 100% polyester textiles and polyester rich blends incl. PES/Lycra. Application by padding and drying. Minimum shade change, compatible with most synthetic resins or binders.

## **TEXAFLAM PSE**

*methylol derivative of organophosphorus compound, liquid, non-ionic*

Agent for wash-permanent flameproof finishing of cellulosic fibres and their blends with synthetics up to 25–30% (PA, PES). Suitable mainly for FR finishing of fabrics for protective clothing (PPE). FR effect stable in repeated washing even at 95°C. Reduced formaldehyde emissions during application, finishing is possible to be realized on conventional equipment. Application in combination with KATALYZATOR FRE.



## **TEXAFOB FC 6**

*slightly cationic liquid*

C6 fluorocarbon-based agent for washpermanent hydro- and oleophobic finishing of textiles from cellulosic and synthetic fibres and their blends. PFOA content under detection limit.

## **TEXAFOB FCNI**

*fluorocarbon compound, liquid, non-ionic*

Agent for washpermanent hydrophobic & oleophobic finishing of cellulosic and synthetic (mainly polyester) substrates and their blends. Suitable also for grounding of coatings.

## **TEXAPAL AA neu**

*Special surfactant product, liquid, non-ionic*

Effective wetting agent suitable for application with TEXAFLAM PSE and GPF for permanent flameproof finishing of cellulosic substrates. Ensures a good and uniform penetration of finishing bath into the finished substrate.

## **TEXAPRET LF**

*modified dimethylol-dihydroxy-ethylene-urea, liquid, nonionic*

Cross-linking agent for anti-crease and shrink-proof finishing of cellulosic and blend materials. Minimum content of free formaldehyde on finished fabrics.

## **TEXAPRET MFN, MFN-N**

*modified polyhydroxy-methyl-melamine, liquid, nonionic*

Cross-linking agent for cellulosic and blend materials. Suitable for permanent callendering effects and as an additive for permanent flameproof finishing formulation.

## **TEXAPRET TP**

*crosslinking extender for fluorocarbon systems, white emulsion, non-ionic*

Agent for improvement of efficiency of hydrophobic and oleophobic fluorocarbon-based finishings improving their permanency in repeated washing. Soft handle of finished textiles. Formaldehyde-free.

## **TEXASIL T**

*mixture of surfactants, liquid, nonionic*

Agent enabling combination of anionic products with cationic system. Good emulsifying properties, suitable also for cleaning of finishing equipment.

## **TEXAVIV LN**

*fatty acid amide, liquid, nonionic*

Softening agent with antistatic effect for natural and synthetic fibres, compatible with optical brighteners. Suitable for polyfunctional easy-care, non-ironing and softening finishing.

## **TEXAVIV H**

*fatty acid derivative, liquid, cationic*

Highly effective cationic softening agent for natural and synthetic materials and their blends. Application by padding and exhaustion procedures. Increased absorptivity and improves sewability of finished fabrics.

## **TEXAVIV HS**

*fatty acid derivative + modified polysiloxane, liquid, cationic*

Combined softener with high a softening and polishing effect for padding and exhausting application.

## **TEXAVIV K**

*quarternary nitrogen compound, liquid, cationic*

Universal softening agent for natural and blend materials. Suitable for exhaustion processes for high exhaustion rate achievement.

## **TEXAVIV KS**

*aminopolysiloxane + fatty acids condensate, white emulsion, cationic*

Combined softening agent with a high softening & polishing effect. Applicable by both padding and exhausting process.

## **TEXAVIV OR**

*derivative of fatty acid amide, yellow-brownish liquid, cationic*

Reactive softener for cellulosic fibres and their blends with synthetics, suitable also for protein fibres and pure synthetics. High hydrophilization effect.

## **TEXAVIV PN**

*secondary polyethylene emulsion, liquid, non-ionic*

Addition for anti-crease or chemical shrink-proof finishing of cellulosic blends. Suitable in combination with silicone softeners.

## **TEXAVIV RH-15**

*fatty acids alkanolamide, liquid, anionic*

Universal softening agent with simultaneous hydrophilizing and antistatic effect for all kinds of textiles. Combing lubricant. Compatible with optical brighteners.

## **TEXAZYM AP**

*cellulase, liquid, non-ionic*

Special enzymatic agent for softening, antipilling and bio-polishing of cellulosic materials, especially for pile and loop fabrics and knits. Suitable also for processing of garments. Finishing without use of chemicals - ecofriendly and cleaner production process. Enzymatic agent in combination with mechanical movement (drum washing machine, Jet) is capable to remove protruding fibres from the fabric surface as a prevention of pills forming. Increased smoothness, softness, lustre and suppressed pilling of treated goods.

## **TEXAZYM PES**

*enzymatic agent, nonionic, amphoteric*

Enzymatic agent for modification of polyester fibres and their blends with cellulosic substrates. Enhancement of polyester hydrophilicity, new functional groups forming and permanent antistatic properties. Mild processing conditions.

## **TEXAZYM PRO**

*non-ionic liquid*

Enzymatic agent with antifelting and antipilling properties determined for wool, cashmere and other protein fibres softening. Prevention of pills forming and felting.

## **TUŽIDLO K**

*PVA-derivative, liquid, nonionic*

Effective, universal water-soluble stiffening agent. No influence on dyeing shade. Suitable for combined finishes.

## **TUŽIDLO KT**

*polyvinyl- derivate, liquid, nonionic*

Stiffening agent stable at mild washing well miscible with water. Compatible with other finishing agents.

## 4. Other auxiliary agents

### ODPĚŇOVAČ NI

*fatty-acids derivatives, liquid, non-ionic*

Non-silicone defoamer for all common kinds of technological applications including HT and JET processes.

### ODPĚŇOVAČ TU

*silicone emulsion, non-ionic*

Defoaming agent for all technological applications, advantageously applied in formulations of printing and coating pastes.

### PARFÉM V (PERFUME V)

*mixture of natural aromatic substances*

Light, yellow-brown liquid with fresh, flower & fruit smell for aromatizing of textiles.

### SOLTEX 1052

*brownish-yellow viscose/paste water solution*

Organic UV-absorber with bifunctional reactive groups for permanent finishing of cellulosic fibres with high protective effect against UV radiation. Bath application possible in combination with dyeing process.

### SOLTEX PFL

*viscous liquid, non-miscible with water*

Agent protecting fabrics against UV-radiation. Determined preferably for application by coating on textiles with barrier effect (parasols, shelters, etc.)

### TEXABRAS 2204/15, 2204/25

*insoluble, fine powder with oxidizing effect*

Special agent for colour effects achievement by surface decolorising of cellulosic textiles. Specific look & touch are obtained by means of abrasive effect of the agent. Intensive decolorising effect.

### TEXACLEAN ECO

*liquid, nonionic*

Enzyme-based liquid agent for mild and eco-friendly washing of textiles and garments. Suitable for mild washing of special workwear for clean room applications and for removal of fats, oils, waxes and proteins from textile surfaces. Neutral pH- conditions of applications mean a material- friendly alternative of commonly used washing agents. Possible to be used also for cleaning of greasy staining on textile substrates.

### TEXACTIV TiO<sub>2</sub>

*white water-based nanodispersion*

Determined for photocatalytic finishing of textile surfaces resulting in self-cleaning textile properties and photodegradation of pollutants. Air pollutants degradation (VOCs, bad smells removal, sick building syndrome alleviation). Application with siloxane-polyurethane-acrylic copolymer nanodispersion for textile substrate protection and photocatalytic effect prolongation. Protective clothing (PPE), curtains, wall-papers, upholstery, automotive and industrial textiles, filters.

### TEXAFLOK 41 DCL

*nitrogenous condensate, liquid, cationic*

Agent for textile effluents decolourization reacting with soluble dyes to form flocculating, insoluble particles.

## **TEXAFLOK 50 DCL**

*nitrogenous condensate, liquid, cationic*

Agent for textile effluents decolourization. Suitable for strongly coloured wastewaters.

## **TEXAPAL H**

*quarternary ammonium compound, liquid, cationic*

Highly effective agent for heavy polluted dyeing equipment. Catalyzing agent for surface hydrolysis of PET fibres.

## **TEXAROMA CAP with ACACIA, APPLE, YLANG-YLANG, EUCALYPTUS,...**

*encapsulated aroma, white microcapsules emulsion*

Product for aromatizing of textiles by finishing. Slow release of fragrances during use. Various types of fragrances available. Possibility of delivery of broad range of products for aromatherapy.

## **TEXAWET AF**

*non-ionic liquid*

Agent forming a compact film on the glass fibre surface and increasing their alkali resistance. Possible to be also applied also together with the coating with dispersions (SBR, acrylics).

## **TEXAZYM AB**

*gray-white powder, non-ionic*

Enzymatic agent for washing-out of dyed cellulosic substrates, mainly denim. Eco-friendly and mild processing due to the abrasive properties of TEXAZYM AB. Special stonewash-type effects with various washing-out intensity at fabrics or garments can be obtained. Complex product containing buffering and anti-redeposition components.

## **TEXAZYM APN**

*non-ionic liquid*

Enzymatic agent determined for antipilling of cellulose materials in the wide pH range. The enzyme cooperating with the mechanical action of machines (drum washer, Jet,...) is able to remove cellulose fibres protruding from the fabric surface and thus prevents from the pill forming. The colour shade is maximally retained.

## **TEXAZYM BFE**

*liquid, nonionic*

Enzymatic auxiliary agent suitable for removal and decomposition of flax and hemp interfibre binding substances. It facilitates bast fibres separation in an ecological way, without any impact on cellulosic fibre. Suitable for bast fibres cottonisation and fineness improvement of flax and hemp tows e.g. in packing devices with bath circulation. Suitable for combination with TEXAZYM DLG new.

## **TEXAZYM BS**

*liquid, nonionic*

Enzymatic agent for textile machinery equipment cleaning and polyvinylacetate- and acrylic-based sticky deposits removal. Ecofriendly clear product.

## **TEXAZYM DLG new**

*liquid, nonionic*

Enzymatic agent for removal of interfibre binding substances of bast fibres, especially hemicelluloses and lignin without any influence on cellulosic substrate. Suitable for combination with TEXAZYM BFE. Possible to be applied for fineness improvement of flax and hemp tows in packing devices with bath circulation or at chemical treatment of flax rovings before wet spinning.

## **TEXAZYM SER-7 conc.**

*liquid, nonionic*

Combined concentrated enzymatic auxiliary agent for plant applications suitable for all bast fibres. Application by spraying after appropriate dilution. It catalyses pectin, hemicellulose and lignin layers decomposition and therefore separates fibre bundles which improves fibre fineness and cleanness. Enhanced plant surface covering and good wettability. Enhancement of long fibre yield when used at the beginning of dew-retting. Possible shortening of dew-retting period.

## **TEXCAP SQ**

*Encapsulated natural amaranth oil extracted from milled amaranth grain containing squalene and unsaturated fatty acids.*

Bioactive natural encapsulated system for reduction of environmental pollution (traffic, emissions, town agglomerations, "sick" building) effects on human body: immune system improvement, free radicals scavenger.

## **TEXSILVER CAP ACACIA**

*antibacterial microcapsule product, liquid, anionic*

Finishing agent containing nano-Ag firmly fixed on the capsule surface for antibacterial effect and encapsulated Acacia with pleasant aroma and aromatherapy properties. Possible to be delivered with various perfumed compositions.

## **TEXSILVER CAP ALOE VERA**

*antibacterial microcapsules agents, liquid, anionic*

Finishing agent containing nano-Ag firmly fixed on the capsule surface for antibacterial effect and encapsulated Aloe Vera for healing and moisturizing effect on the skin.

## **TEXSILVER CAP Eucalyptus**

*antibacterial encapsulated agent, liquid, anionic*

Finishing agent containing nano-Ag fixed on the surface of capsules for antibacterial effect, containing eucalyptus oil inside capsules for fresh smell.

## **TEXSILVER CAP S ANTIMITE**

*bifunctional microcapsules dispersion with combined anti-tick and antimicrobial effect.*

Finishing system for the textile treatment decreasing a risk of a tick attack based on the encapsulated repellent effect

## **TP 55**

*water-based dispersion of mixed copolymers (acrylics, PUR) for coating, white paste*

Specially formulated mixed dispersion of synthetic copolymers for coating of textiles from natural and synthetic fibres with hydrophobic effect. Increased resistance against photodegradation.

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