



Sarex Chemicals

CONCENTRATED PRODUCT LIST

English Version



CHEMISTRY BEHIND
GOOD FEELINGS

PRODUCT NAME	IONIC NATURE	STRENGTH % (+ /-2)	DESCRIPTION
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PRETREATMENT

WETTING AGENTS / DETERGENTS

Celldet-R	n	80	An ultra low foaming, concentrated wetting agent cum detergent with good rewetting properties. It is suitable for all types of fabric for scouring and bleaching operations in batch form.
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SCOURING AIDS

Univ-AIO	a	100 (powder)	A novel, all-in-one, low foaming product for scouring and bleaching of cotton. Eliminates the use of Caustic during bleaching resulting in lower ETP loads but equivalent bleaching effects.
Ketoprep-LA (Conc)	n	65	Novel, biodegradable pretreatment product requiring low alkali during bleaching of cellulosic substrate. Excellent properties of bleached fabric achieved. Good absorbency and whiteness along with low weight loss and strength loss.

SEQUESTERING AGENTS

Saraquest-W (Conc)	n/wa	100 (powder)	A cost effective sequestering agent in powder form for pretreatment and as a dye bath conditioner with very high calcium, magnesium and iron chelation values.
Ironstrong (Conc)	n	100 (powder)	Concentrated iron sequestering agent for textile wet processing. It acts as a preferential chelating agent for iron impurities originating from textile goods, caustic or from the water thereby preventing catalytic damage and pre-degradation of peroxide resulting in excellent and consistent bleaching effects.

PEROXIDE STABILIZERS

Sarastabil (Conc)	a	100 (powder)	An organic and eco-friendly peroxide stabilizer with optimal stabilizing power even under adverse conditions of metal contaminants. Can be used during bleaching by exhaust as well as pad application. It is easily dilutable.
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PEROXIDE KILLERS

Peroxy-ALK (Conc)	n	—	A catalase enzyme for effective bleach clean-up. Eliminates peroxide over a wide range of pH and temperature.
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DEFOAMERS

Saradefoam	n	100	A concentrated, non-silicone defoamer suitable for all types of textile processing in batch form. Highly effective in performance.
Sarasil-JS (Conc)	n	40	An alkaline pH stable silicone based defoamer. Also stable to shear force and high temperature. Suitable for all types of textile processing.

BIOPOLISHING AGENTS

Biofeel-PST (Conc)	n	—	An acid cellulase enzyme which can be effectively used for bio-polishing and denim abrasion of cellulosic composed substrates. It works at wide range of temperature (40-60°C) however optimum results can be achieved at 55°C.
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OPTICAL BRIGHTENING AGENTS

Carewhite-BBU 250%.	a	powder	A medium affinity optical brightener in powder form imparting bluer tone on cellulosic substrate and its blend. It is suitable by pad and exhaust application.
Sarawhite (Conc).	a	powder	A high affinity optical brightener in powder form imparting neutral tone on cellulose, polyamide, wool, silk and their blends. It possesses good light fastness on polyamides. It is stable to reducing agents.
Sarawhite-COL.	a	powder	A high affinity optical brightener in powder form with bluish tone and good wash fastness for cellulosic, wool, polyamide and their blends. It is suitable by exhaust application. It can be applied in one bath along with peroxide bleaching. It is durable to home launderings.

DYEING AND PRINTING

LEVELING, DISPERSING & RETARDING AGENTS

Dywell-002 (Conc)	n	100 (liquid)	A levelling agent with good solubilising property thereby equalizing the strike rate of different classes of disperse dyes at high temperatures.
Saragen-SO	a	100 (powder)	A strong dispersing agent for dyeing and printing of polyester and its blend with disperse dyes at high temperatures.
Saragen-WS	a	100 (powder)	Cost effective dispersing agent in powder form for dyeing and printing of polyester and its blend with disperse dyes.
Saraline-FI (Conc)	n	100 (flakes)	A versatile dispersing, levelling and emulsifying agent for natural and synthetic fibres. It helps to stabilize bath for better runnability under adverse conditions.

PRODUCT NAME	IONIC NATURE	STRENGTH % (+ /-2)	DESCRIPTION
Sarakol-RDL (Conc)	a	50	A low foaming solubilising cum levelling agent used in reactive dyeing of cellulosic substrate. It prevents dye agglomeration and thus prevents streakiness in soft flow dyeing.
Sarakol-PDR	a	100 (powder)	A concentrated acrylic copolymer used as dye bath conditioner and washing-off agent for reactive dyed and printed fabrics. It has excellent dispersing action and sequestering property. It is readily dilutable with water.
Retarder-ACR	c	80	Concentrated and economical cationic levelling agent for acrylic and its blend which works by retarding mechanism. It also corrects faulty dyeing.
Nylolevel-606 (Conc)	n	85	Levelling agent for dyeing of polyamide fabrics with Acid dyes. It is also suitable for dyeing of wool and silk fabrics. It promotes migration thus correction of faulty dyeing is possible.

SODA ASH SUBSTITUTE

Feda-SH	n	100 (powder)	Highly effective soda ash substitute for fixation of all type of reactive dyes on cellulosic substrates. Owing to its excellent buffering capabilities, it decreases the reactive dye hydrolysis and hence increases the extent of dye fixation . It can be used to get best dyeing result especially when dyeing yarns. It also can be used as silicate substitute.
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pH SLIDING AGENT

Acidon PA	n	100	pH control agent for bath dyeing with acid dyes based on pH sliding principle for dyeing of polyamide. It ensures uniform and reproducible dyeing.
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OLIGOMER REMOVERS

Eliminator-GLO (Conc)	a	40	Strong dispersant specially developed for removal of oligomers from polyester substrates and also useful as a machine cleaning agent.
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LUBRICATING AGENTS / CREASE PREVENTING AGENTS

Anticrease (Conc)	a	100 (granules)	An economical and eco-friendly lubricating and crease preventing agent in powder form. It is suitable for all types of substrate in batch process.
Saracrease-HG (Conc)	a	80	A concentrated and low foaming crease preventing agent for all types of substrate and garments. It prevents formation of running creases during pretreatment, dyeing and washing in soft flow, jet dyeing and drum washers.
Supernol-PE (Conc)	n	100 (lump)	Self-emulsifying polyethylene wax which can be used to prepare ready to use polyethylene emulsion for textile finishing. It can be used for finishing of cotton bottom weight, denim for softening as well as to impart lubricity. It is also recommended for finishing of cotton knits and cotton shirting to improve sewability.

REDUCTION CLEARING AGENTS

Reducon-ACD (Conc)	n	100 (granules)	A powder form reduction clearing agent which works in acidic medium. Savings in water, time and reduction in Total Dissolved Solids (TDS) in effluent as compared to conventional method (caustic and hydrose). It can be added in the cooling bath.
Reduclear-NS	n	100 (powder)	An acid reduction clearing agent available in powder form with no odour. Removes unfixed disperse dyes in acidic medium from polyester and its blends with poly acrylonitrile. It is applied in cooling dye bath of acidic medium.
Fabstrip-NS	n	100 (granules)	An effective dye stripping agent for cellulosic fabrics dyed with reactive dye as compared to conventional method (caustic and hydrose). It prevents fabric damage unlike observed in conventional method.

WASHING-OFF AGENTS

Itawash-LT (Conc)	c	40	A low temperature washing-off agent for reactive dyed/printed fabrics. It reduces time, energy and water against conventionally used washing-off agent. Effective washing is achieved at 40-45°C.
Parakol-RDP	a	100 (granules)	Concentrated polymeric compound which is also recommended as a washing-off agent for reactive dyes in batch as well as in continuous operation. Excellent dispersing and sequestering power to prevent re-deposition of dye thus improved fastness achieved.
Arkolan-66	n	40	Dye transfer inhibiting or Anti-tinting additive which helps in neutralizing the washed off colour and prevent its re-deposition on the fabric. It is highly effective in washing-off of yarn dyed shirting's. It can also be used as an additive in laundry formulations that limits the random dye re-deposition onto the fabric during the wash cycle.
Esto-PVP	n	100 (powder)	Concentrated product to avoid cross-staining of dyes in washing-off of dyed and printed substrates. It can be used in batch as well as in continuous operation. Due to its good rinsing ability, it is easily washed-off and does not interfere in subsequent dye fixing or softening process. It is also recommended for stripping of vat and sulphur dyes.

DYE FIXING AGENTS

Cotton

Fixanol (Conc).	c	80	An eco-friendly and cost effective formaldehyde free dye fixing agent for reactive dyes. It improves fastness to washing, water and perspiration without adversely affecting the shade and light fastness. It is also suitable for direct dyes.
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PRODUCT NAME	IONIC NATURE	STRENGTH % (+ /-2)	DESCRIPTION
Katafix-RD-60	c	60	Superior dye fixing agent to improve fastness properties of reactive and direct dyed fabric. It is a concentrated product and is formaldehyde free. It can be applied by exhaust as well as pad application.
Polyamide, Wool and Silk			
Nylofix-993	a	100 (powder)	A novel and effective dye fixing agent in powder form for dyed and printed polyamide to improve wet fastness properties. It can also be used as a reserving agent for polyamide during dyeing of polyamide /cellulosic blends.
Nylofix-993-CA	a	100 (powder)	A novel and effective dye fixing agent in powder form for dyed and printed polyamide to improve wet fastness properties. It is stable at wide range of acidic pH. It can also be used as a reserving agent for polyamide during dyeing of polyamide /cellulosic blends.
Sarafix-NEW	a	55	An acid stable dye fixing agent for dyed and printed polyamide to improve wet fastness properties. It can also be used as a reserving agent for polyamide during dyeing of polyamide /cellulosic blends. It is especially suitable for light and pastel shades.
PRINTING AUXILIARIES			
Sarasol-MB	c	55	A concentrated, easily dosable product for pretreatment for inkjet printing especially for polyester fabrics.
Saraprint-AC	n	60	A melamine formaldehyde based resin added to a pigment printing paste to enhance the scrub fastness and wet rubbing fastness of pigment printed fabric. It can be also used for finishing of interlining fabrics to impart a durable and stiff handle.
Reducit-ZS	c	100 (powder)	A highly effective discharging agent for polyester, polyamide and other synthetic fabrics. It can also be used for coloured discharge printing with selected pigments.
Super R Salt	a	100 (granules)	A mild oxidizing agent used during reactive dyeing and printing to protect the shade from reducing atmosphere during steaming.
FINISHING			
SOFTENERS			
Aquafinish-158 (Conc)	n/wc	60	A shear stable, concentrated, hydrophilic, macro emulsion suitable for towels and cellulosic substrates. It imparts extraordinary surface smoothness. It is suitable for exhaust as well as pad application.
Caresoft-809 (Conc)	n/wc	60	A new generation hydrophilic, shear stable silicone to impart excellent softness for cellulosic, polyester and their blends. It is suitable for exhaust as well as pad application.
Caresoft-HP (Conc)	n	70	A cost effective, hydrophilic, shear stable silicone to impart excellent softness for cellulosic, polyester and their blends. It is suitable for exhaust as well as pad application.
Deltasoft-50 (Conc)	n	60	An exhaustible specialty silicone formulation to impart excellent soft and waxy handle especially on rugs and garments. It is suitable for exhaust as well as pad application.
Fabsoft (Conc)	n	75	An economical micro emulsion for all types of substrate. It imparts excellent body break to the finished fabric.
Sarex-408	n	48	An economical, non-yellowing concentrated macro silicone emulsion to impart excellent surface smoothness on cotton, polyester and their blends. It is suitable for exhaust as well as pad application.
Supercone-2100 (Conc)	c	100 (flakes)	A concentrated, low yellowing cold water soluble organic softener for cellulosic, silk and wool substrates. It is suitable for exhaust as well as pad application.
Supercone-2200	n	100 (flakes)	A concentrated, non-yellowing and AEEA free organic softener for natural and synthetic fibres. It imparts very good softness along with lubrication and antistatic property.
Terryfinish-XF (Conc)	n	70	A new generation shear stable, concentrated, hydrophilic, nano-emulsion mainly suitable for towels and cellulosic substrates. It is suitable for exhaust as well as pad application.
Terrysoft-923 (Conc)	n	50	A concentrated, hydrophilic, micro emulsion to impart excellent and durable body break and inner softness and slick feel. Mainly suitable for towels and cellulosic substrates. It is suitable for exhaust as well as pad application.
Texpeach (Conc)	n	60	A hydrophilic polyurethane based finishing agent to impart lofty finish with good drapability by forming a 3-dimensional film on cotton, polyester and their blends. It improves resistance to pilling and abrasion and also improves crease recovery angle.
Texpeach-100	n	100 (liquid)	A durable, non-yellowing, concentrated polyurethane based finishing agent to impart lofty finish with good drapability by forming a 3-dimensional film on cotton, polyester, wool and their blends. It improves resistance to pilling and abrasion and also improves crease recovery angle.
Yarnsoft-FRS (Conc)	n	70	A concentrated softener and lubricating agent for finishing of cotton, polyester and their blended yarns to improve rewinding performance. It is suitable for exhaust as well as lick roll application. It improves lubricity, gliding properties of treated yarn.

PRODUCT NAME	IONIC NATURE	STRENGTH % (+ /-2)	DESCRIPTION
SILICONE FLUIDS			
Ecofluid-23	–	95	A reactive amino functional poly di-methyl siloxane fluid. Its emulsion imparts very soft, drapable and elastic touch on cotton and its blends on woven and knitted fabrics.
Ecofluid-4730	–	95	A non-yellowing, reactive, amino functional silicone fluid. Its emulsion imparts excellent durable softness and silky feel on all types of fibre.
Ecofluid-8417	–	95	A non-yellowing, reactive, amino functional silicone fluid. Its emulsion imparts durable softness, crease resistance, elasticity and lubricity on all types of fibre.
Ecofluid-8603	–	95	A low yellowing, reactive, amino functional poly di-methyl siloxane fluid. Its emulsion imparts very soft, drapable and elastic handle to woven and knitted fabrics of cotton and its blends.
Ecofluid-AAZ	–	95	A low yellowing, reactive, amino functional siloxane fluid. Its emulsion imparts very soft, drapable and elastic touch to woven and knitted fabrics especially of polyester/cotton blend.
Ferma-986	–	80	A shear stable and broad range pH stable, non-yellowing, quaternary silicone fluid. Its emulsion imparts hydrophilic, very soft, greasy peach handle with lubricity on all types of fibre.
Fluid-ODS	–	90	A shear stable, non-yellowing, amido silicone fluid. Its emulsion imparts hydrophilic, core softness and natural handle on all types of fibre.
Qsoft-POA	–	100 (flakes)	A shear stable and broad range pH stable, non-yellowing, amido silicone fluid. Its emulsion imparts hydrophilic, soft and supple handle to cellulosic and all types of fibre on various substrates (woven, knitted, towel).
RUBBING FASTNESS IMPROVER			
Zorofast-FMD (Conc)	c	50	A solvent free finishing agent to improve dry and wet rub fastness of all types of dyed and printed cotton and their blends. It is compatible with certain finishing agents. It can be applied by both dry-on-wet and wet-on-wet application. It complies with the eco parameters.
TEAR STRENGTH IMPROVER			
Tearnon (Conc)	n	40	A specialty finishing agent specially developed to improve the tear strength of the woven cellulosic substrates. Incorporation of Tearnon (Conc) in the normal finishing bath as well as in resin finishing bath improves tear strength without affecting the fabric handle.
YELLOWING PREVENTERS			
To prevent Phenolic yellowing			
Quench-APY	a	85	A concentrated product to prevent phenolic yellowing of lycra, polyamide and polyester fabrics during storage in polyethylene bags or cardboard cartons. It is suitable for exhaust as well as pad application.
To prevent yellowing due to Heat setting			
Sarascour-RG	n	60	A specialty product to prevent yellowing of fabrics and knits made from polyamide, lycra and their blends during heat setting, finishing and molding.
CHLORINE FASTNESS IMPROVERS			
Saradye-PLE (Conc)	c	65	A formaldehyde free, chlorine fastness improver for cellulosic fabrics dyed/printed with reactive dyes. It also effectively works on Sulphur and Vat dyed / printed fabrics.
HYDROPHILISING AGENT			
Wetfin-NS	n	100 (liquid)	Silicone free finish for imparting hydrophilicity on textile fabrics. It is suitable for natural and synthetic fibres. Wetfin-NS can be specifically used for increasing the hydrophilicity of polyolefin fabrics used in incontinence products. It can be applied by padding and kiss roll technique.
MOISTURE MANAGEMENT			
Estofeel (Conc)	n	100 (lump)	A specially developed hydrophilic finishing agent for polyester, polyamide and other synthetic fibres to overcome the generated static charge. It also improves wicking property of cellulosic fibres. It imparts hydrophilicity, antistatic, soil release and soil resistant properties to hydrophobic fibres.
Moisture-Guard	c	95	A unique, durable moisture management product especially for cotton and polyamide substrates to improve wicking properties.

PRODUCT NAME	IONIC NATURE	STRENGTH % (+/-2)	DESCRIPTION
FLAME RETARDANTS			
Flamguard-PS	a	55	Durable, halogen free flame retardant for 100% Polyester. Applicable by exhaust application. Good fastness to home laundering and dry cleaning. Suitable for protective work wear, furnishing fabrics, curtains and automotive textiles made from 100% Polyester and Polyester rich blend. It is also applicable by spray method.
Flamguard-DPS	n	90	Durable, halogen free flame retardant finishing chemical for 100% Polyester and Polyester rich blend. Good fastness to home laundering and dry cleaning. Suitable for protective work wear, furnishing fabrics, curtains and automotive textiles. Applicable by padding and by spray method. Suitable for polyester and polypropylene nonwoven fabrics also.
UV PROTECTIVE AGENTS			
Yuvi-Cell	n	50	A highly efficient UV protecting agent for cellulosic fabrics. It exhibits excellent UV absorbing properties. It is durable to home launderings. It can be applied to dyed fabrics with minimum shade change. UPF of 40-50 can be achieved.
ANTIMICROBIAL AGENTS			
Saraguard-AM (Conc)	c	70	A concentrated, durable antimicrobial and fungicide for all types of substrate. It is effective against broad spectrum of microbes such as <i>Escherichia coli</i> , <i>Staphylococcus auerus</i> , Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) and <i>Klebsiella pneumoniae</i> . It is suitable for pad, exhaust and spray application.
Peroguard-147	n	100 (powder)	A unique leaching type of antimicrobial agent for finishing of all types of textile substrate. Applicable by padding, exhaust, soaking and spraying methods. It is effective against broad spectrum of microbes. Peroguard-147 passes AATCC 147 test.
Saraguard-FL	c	80	A methanol free, non-leaching antimicrobial agent for finishing of cellulosic substrate. Suitable by padding, exhaust, soaking and spraying methods. It is effective against broad spectrum of microbes.
MOSQUITO REPELLENTS			
Repello-MSQ (Conc)	n	70	Permethrin based mosquito repellent available in micro dispersed form. It is recommended for cellulosic and other substrates. It is suitable for exhaust as well as for pad application.
GARMENT AUXILIARIES			
Heflor-Cl (Conc)	n/wa	50	A corrosion and passive inhibitor to protect garments during processing to prevent stain formation due to metal buttons/zips especially made up of copper. It is dosable and stable to wide pH range.
Helar-PPN (Conc)	a	100 (powder)	A specialty product to remove residual potassium permanganate from denim and other garments. It removes dirty brown stains of potassium permanganate and makes bleached garment bright and white.
Sarafinish-OMP	n	100 (powder)	An unique formulation to create special effects on denim and non-denim garments either alone or with Thermocol balls.
Sarakol-BSI (NEW)	n	100 (powder)	Anti back staining agent for denim garments available in powder form. It prevents re-deposition of indigo on pockets and denim itself during processing. It produces high contrasting washed effects during denim abrasions. It can be used as an effective washing-off agent to remove back stain from processed denim.

Ionic nature - n : nonionic, c : cationic, a : anionic, wa : weakly cationic, wa : weakly anionic



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M & S



REACH



OHSAS
18001:2007



ISO
17025:2005



ISO
14001:2004



ISO
9001:2008



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GOTS

C E R T I F I C A T I O N S

NOV 2017