



RISHABH INDUSTRIES

MANUFACTURING OF FINISHING,
PRETRATMENT, AND DYEING CHEMICALS

PRODUCT CATALOG
FOR OUR VALUED CUSTOMERS

Product Index

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Finishing	LUXSOFT-C300, HYDROSOFT-H20, SILNOVA-F100, WRINKLEX-A250, STIFFX-B150, COLORFIX-DF600

PRETREATMENT CHEMICALS

Scouring, Degreasing, Heavy Dirt Removal and Sequestering Agents for improved absorbency and consistent dyeing results.

SCOURX-P100 (Scouring Agent)

High-performance scouring agent designed to remove natural waxes, oils, sizing residues and impurities. Improves fabric absorbency and prepares material for uniform bleaching and dyeing.

TECHNICAL DETAILS	
Chemical Nature	Non-ionic surfactant blend with emulsifiers
Ionic Character / pH	Non-ionic pH 6.5–9.0
Solubility	Completely soluble in water
Compatibility	Compatible with most non-ionic and anionic auxiliaries. Avoid direct mixing with strong cationic products.
Application Method	Exhaust / Jet / Winch: 0.5–3 g/L at 70–95°C for 30–60 min. Rinse properly.
Fabric Applications	Cotton, Viscose, Cotton blends, Knits & Wovens

KEY BENEFITS
• Excellent wetting & detergency
• Removes oils/waxes & processing impurities
• Improves absorbency for dyeing/bleaching
• Low foam performance

RECOMMENDED DOSAGE	
Application	Dosage
Exhaust / Jet	0.5–3 g/L
Padding	10–30 g/L
Temperature	70–95°C

POLYCLEAN-500 (Heavy Dirt Remover)

Powerful heavy soil remover formulated for removal of stubborn dirt, grease and industrial contamination. Improves whiteness and ensures consistent dye uptake.

TECHNICAL DETAILS	
Chemical Nature	Strong detergency surfactant system with dispersing boosters
Ionic Character / pH	Anionic/Non-ionic pH 8.0–11.0
Solubility	Water soluble
Compatibility	Compatible with scouring/bleaching auxiliaries. Avoid mixing with strong acids.
Application Method	Use 0.5–3 g/L at 60–90°C with good agitation. Rinse well after treatment.
Fabric Applications	Denim, Cotton, Industrial fabrics, Blends

KEY BENEFITS	
• Removes heavy dirt & machine oil	
• Excellent emulsification of grease	
• Improves whiteness and dyeing uniformity	
• Reduces re-deposition	

RECOMMENDED DOSAGE	
Application	Dosage
Exhaust / Jet	0.5–3 g/L
High Soil Loads	2–5 g/L
Temperature	60–90°C

JETCLEAN-A1 (Degreasing Agent)

Special degreasing agent for removal of knitting oils, spin finishes and lubricants. Provides rapid wetting and deep cleaning without damaging fabric.

TECHNICAL DETAILS	
Chemical Nature	Non-ionic degreasing surfactant blend
Ionic Character / pH	Non-ionic pH 7.0–10.0
Solubility	Water soluble
Compatibility	Compatible with scouring agents, sequestering agents and peroxide bleaching systems.

Application Method	Use 0.5–3 g/L at 50–90°C for 20–45 min. Drain and rinse.
Fabric Applications	Cotton, Polyester blends, Knits, Wovens

KEY BENEFITS
• Excellent degreasing power
• Fast wetting action
• Removes spin finishes & lubricants
• Improves dye penetration

RECOMMENDED DOSAGE	
Application	Dosage
Exhaust / Jet	0.5–3 g/L
Padding	10–25 g/L
Temperature	50–90°C

PRETEX-101 (Sequestering Agent)

High-efficiency sequestering agent to control hardness ions (Ca/Mg/Fe) and prevent scale formation. Enhances bleaching and dyeing performance in hard water.

TECHNICAL DETAILS	
Chemical Nature	Chelating agent (phosphonate / polycarboxylate blend)
Ionic Character / pH	Anionic pH 6.0–9.0
Solubility	Completely soluble in water
Compatibility	Compatible with most pretreatment and dyeing auxiliaries.
Application Method	Add 0.1–0.5 g/L at start of bath. Recommended in scouring/bleaching/dyeing.
Fabric Applications	Cotton, Viscose, Polyester blends, All fibers

KEY BENEFITS
• Binds Ca/Mg/Fe ions
• Prevents scale deposits on machines
• Improves peroxide stability
• Enhances dyeing reproducibility

<i>RECOMMENDED DOSAGE</i>	
Application	Dosage
General Use	0.1–0.5 g/L
Hard Water	0.3–1.0 g/L
Bath Addition	At start

DYEING CHEMICALS

Levelling, Carrier, Dispersing, Soaping and Dye Fixing agents for uniform shades and improved fastness.

DYEMATE-D200 (Levelling Agent)

Advanced levelling agent to control dye absorption and improve migration. Helps achieve uniform shades and reduces patchiness in dyeing.

TECHNICAL DETAILS	
Chemical Nature	Special surfactant and polymer blend
Ionic Character / pH	Non-ionic / Mild anionic pH 6.0–8.0
Solubility	Water soluble
Compatibility	Compatible with reactive, disperse and direct dye systems. Works well with dispersing agents.
Application Method	Use 0.5–2 g/L at start of dye bath. Suitable for exhaust dyeing.
Fabric Applications	Cotton, Viscose, Polyester, Blends

KEY BENEFITS
• Improves dye migration
• Controls dye uptake rate
• Reduces barre and patchy dyeing
• Improves levelness and reproducibility

RECOMMENDED DOSAGE	
Application	Dosage
Reactive / Direct	0.5–1.5 g/L
Disperse	0.5–2.0 g/L
Addition	Start of bath

DYECAR-P30 (Carrier)

Carrier designed for polyester dyeing at lower temperatures. Swells fiber structure to enhance disperse dye penetration and shade depth.

TECHNICAL DETAILS	
Chemical Nature	Aromatic carrier emulsion
Ionic Character / pH	Non-ionic pH 5.5–7.5
Solubility	Water dispersible
Compatibility	Compatible with disperse dyes and dispersing/levelling agents.
Application Method	Use 1–4 g/L before dye addition. Maintain proper temperature cycle.
Fabric Applications	Polyester, Polyester blends, Microfiber

KEY BENEFITS	
• Improves dye penetration	
• Enhances shade depth	
• Improves levelness	
• Useful for lower-temp polyester dyeing	

RECOMMENDED DOSAGE	
Application	Dosage
Polyester Dyeing	1–4 g/L
Low Temp Dyeing	2–5 g/L
Addition	Before dye

DISPERX-D150 (Dispersing Agent)

High-performance dispersing agent to stabilize disperse dyes and prevent agglomeration. Ensures clean dye bath and consistent shade.

TECHNICAL DETAILS	
Chemical Nature	Anionic polymeric dispersant
Ionic Character / pH	Anionic pH 6.0–8.5
Solubility	Water soluble
Compatibility	Compatible with carriers, levelling agents and disperse dyes.

Application Method	Use 0.5–2.5 g/L in dye bath. Recommended for high shade depth.
Fabric Applications	Polyester, Acetate, Microfiber

KEY BENEFITS	
• Prevents dye precipitation	
• Improves dispersion stability	
• Reduces filter clogging	
• Improves uniform dyeing	
RECOMMENDED DOSAGE	
Application	Dosage
Standard Shades	0.5–1.5 g/L
Dark Shades	1.5–3.0 g/L
Addition	Before dye

WASHOFF-S400 (Soaping Agent)

Efficient soaping agent for removal of unfixed dyes and surface staining. Enhances rubbing, washing and perspiration fastness.

TECHNICAL DETAILS	
Chemical Nature	Non-ionic / mild anionic detergent system
Ionic Character / pH	Non-ionic / Mild anionic pH 7.0–9.0
Solubility	Water soluble
Compatibility	Compatible with most dyeing and finishing auxiliaries.
Application Method	Use 1–3 g/L at 60–80°C for 10–20 min after dyeing. Rinse well.
Fabric Applications	Cotton, Polyester, Blends, Knits/Wovens

KEY BENEFITS	
• Removes unfixed dye	
• Improves fastness properties	
• Prevents back staining	
• Provides cleaner brighter shades	

<i>RECOMMENDED DOSAGE</i>	
Application	Dosage
After Reactive Dyeing	1–3 g/L
Temperature	60–80°C
Time	10–20 min

FINISHING AGENTS

Softeners, silicones, resins and functional finishes for premium hand-feel, easy-care performance and value addition.

LUXSOFT-C300 (Cationic Softener)

Premium cationic softener that provides soft, smooth and bulky hand feel. Improves drape and reduces static charges on fabric.

TECHNICAL DETAILS	
Chemical Nature	Quaternary ammonium based softener
Ionic Character / pH	Cationic pH 4.5–6.5
Solubility	Water dispersible
Compatibility	Avoid strong anionic chemicals. Compatible with silicone softeners in diluted form.
Application Method	Padding: 10–30 g/L. Exhaust: 1–3% owf at 30–40°C.
Fabric Applications	Cotton, Polyester, Blends, Home textiles

KEY BENEFITS
• Excellent softness & drape
• Improves fabric bulk
• Reduces static on synthetics
• Improves sewability

RECOMMENDED DOSAGE	
Application	Dosage
Exhaust	1–3% owf
Padding	10–30 g/L
Temperature	30–40°C

HYDROSOFT-H20 (Hydrophilic Silicone Softener)

Hydrophilic silicone softener specially developed for towels and absorbent textiles. Provides silky softness while maintaining water absorbency.

TECHNICAL DETAILS	
Chemical Nature	Hydrophilic modified silicone polymer emulsion
Ionic Character / pH	Non-ionic pH 5.5–7.5
Solubility	Water dispersible
Compatibility	Compatible with most finishing agents. Avoid strong acids/alkali at high concentration.
Application Method	Padding: 10–40 g/L. Exhaust: 0.5–2% owf at 30–40°C.
Fabric Applications	Towels, Cotton, Knits, Sportswear

KEY BENEFITS	
• Soft silky hand feel	
• Maintains absorbency	
• Improves drape and smoothness	
• Low yellowing	

RECOMMENDED DOSAGE	
Application	Dosage
Exhaust	0.5–2% owf
Padding	10–40 g/L
Drying	110–130°C

SILNOVA-F100 (Micro Silicone)

Micro-emulsion silicone softener for ultra-smooth, silky and premium hand feel. Enhances surface lubricity and improves fabric appearance.

TECHNICAL DETAILS	
Chemical Nature	Micro-emulsified silicone polymer
Ionic Character / pH	Non-ionic pH 5.5–7.5
Solubility	Water dispersible
Compatibility	Compatible with most finishing agents and resins.
Application Method	Padding: 10–30 g/L. Exhaust: 0.5–2% owf at 30–40°C.

Fabric Applications	Cotton, Polyester, Blends, Garment fabrics
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KEY BENEFITS
• Premium silky softness
• Improves surface lubricity
• Enhances gloss and smoothness
• Improves abrasion resistance

RECOMMENDED DOSAGE	
Application	Dosage
Exhaust	0.5–2% owf
Padding	10–30 g/L
Drying	110–140°C

WRINKLEX-A250 (Anti-Creasing Agent)

Anti-creasing agent that minimizes crease formation during wet processing. Improves fabric running, reduces rope marks and enhances final appearance.

TECHNICAL DETAILS	
Chemical Nature	Special polymer lubricant system
Ionic Character / pH	Non-ionic / Mild cationic pH 6.0–8.0
Solubility	Water soluble
Compatibility	Compatible with most dyeing and finishing chemicals.
Application Method	Use 1–3 g/L in dyeing or washing bath. Suitable for jet/winch.
Fabric Applications	Cotton, Polyester, Blends, Knits

KEY BENEFITS
• Reduces crease marks
• Improves fabric running
• Prevents rope marks
• Enhances fabric smoothness

RECOMMENDED DOSAGE	
Application	Dosage
Dyeing Bath	1–3 g/L
Washing Bath	0.5–2 g/L
Addition	During running

STIFFX-B150 (Stiff Finish)

Stiff finish agent to impart crispness, body and firmness. Suitable for fabrics requiring structured appearance and improved crease retention.

TECHNICAL DETAILS	
Chemical Nature	Polymeric resin based stiffener
Ionic Character / pH	Non-ionic / Mild cationic pH 6.0–8.0
Solubility	Water dispersible
Compatibility	Compatible with softeners in controlled dosage.
Application Method	Padding: 20–60 g/L. Dry and cure if required.
Fabric Applications	Cotton, Poplin, Shirting, Blends

KEY BENEFITS	
• Adds crispness & body	
• Improves crease retention	
• Enhances fabric stiffness	
• Improves garment structure	

RECOMMENDED DOSAGE	
Application	Dosage
Padding	20–60 g/L
Drying	110–130°C
Curing (optional)	140–160°C

WATERGUARD-W70 (Water Repellent)

Water repellent finish providing durable hydrophobic effect while maintaining fabric feel. Suitable for outerwear and protective textiles.

TECHNICAL DETAILS	
Chemical Nature	Silicone / polymer based water repellent
Ionic Character / pH	Non-ionic pH 5.5–7.5
Solubility	Water dispersible
Compatibility	Compatible with silicone softeners and resins (jar test recommended).
Application Method	Padding: 20–50 g/L, dry and cure at 150–170°C for durability.
Fabric Applications	Cotton, Polyester, Blends, Outerwear

KEY BENEFITS	
• Water repellency effect	
• Improves stain resistance	
• Durable finish after curing	
• Maintains softness	

RECOMMENDED DOSAGE	
Application	Dosage
Padding	20–50 g/L
Drying	110–130°C
Curing	150–170°C

EASYCARE-W500 (Wrinkle-Free Finish)

Wrinkle-free resin finish for improved crease recovery and easy-care performance. Provides dimensional stability and better garment appearance.

TECHNICAL DETAILS	
Chemical Nature	Crosslinking resin based finish
Ionic Character / pH	Non-ionic / Mild cationic pH 6.0–8.0
Solubility	Water dispersible
Compatibility	Compatible with softeners, catalysts and silicone emulsions.
Application Method	Padding: 40–80 g/L with catalyst, dry and cure at 150–170°C.

Fabric Applications	Cotton, Cotton blends, Shirting fabrics
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KEY BENEFITS
• Improves wrinkle resistance
• Enhances crease recovery
• Better smooth appearance
• Improves dimensional stability

RECOMMENDED DOSAGE	
Application	Dosage
Padding	40–80 g/L
Catalyst	As per requirement
Curing	150–170°C

COLORFIX-DF600 (Dye Fixing Agent)

Cationic dye fixing agent designed to improve wet fastness by binding unfixed dyes to fiber. Reduces bleeding and improves rubbing fastness.

TECHNICAL DETAILS	
Chemical Nature	Cationic polymer based fixer
Ionic Character / pH	Cationic pH 5.0–7.0
Solubility	Water soluble
Compatibility	Avoid mixing with strong anionic products in concentrated form. Compatible in finishing bath after wash-off.
Application Method	Use 1–3 g/L in after-treatment at 40–60°C for 15–20 min.
Fabric Applications	Cotton, Viscose, Cotton blends

KEY BENEFITS
• Improves wash fastness
• Reduces bleeding and staining
• Enhances rubbing fastness
• Improves shade durability

<i>RECOMMENDED DOSAGE</i>	
Application	Dosage
After-treatment	1–3 g/L
Temperature	40–60°C
Time	15–20 min

Contact & Business Enquiries

Rishabh Industries

Textile Specialty Chemicals Manufacturer & Supplier

For samples, pricing, technical support and bulk supply, please contact:

- Phone / WhatsApp: +91 8459659978/8446571183
- Email: sale@rishabhindustries.info

Packaging: 50 Kg HDPE Drum / 200 Kg Drum (as applicable)

Shelf Life: 6–12 months (depending on product)

Storage: Store in cool and dry place, away from direct sunlight.

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