



PASSION FOR TOWELING

Best-in-class solutions for
cellulose and polyester/cellulose blends





How do we
bring **best-in-**
class expertise,
sustainability
and performance
to **toweling?**

CREATING SUSTAINABLE SOLUTIONS

At Archroma, we continuously challenge the status quo in the deep belief that we can make our industry sustainable.

Archroma is committed to developing innovative products and processes that are safer for the consumer and for the environment. We strongly believe, based on our extensive experience in textile processing, that sustainability can generate innovation, performance and often lead to cost reductions and added value for our customers. For this reason, our clear ambition is to offer our customers the best possible system for their textile segments.

Innovation is a core competence of Archroma, which ensures that our products and services meet future demands, foster future technologies and contribute to a more sustainable textile industry.

As a global leader in color and specialty chemicals with a trusted heritage, we offer bespoke product solution systems and innovations. We strive to be a reliable partner for textile mills as well as major retailers and brands for the whole textile chain – **from the first idea to the final article.**

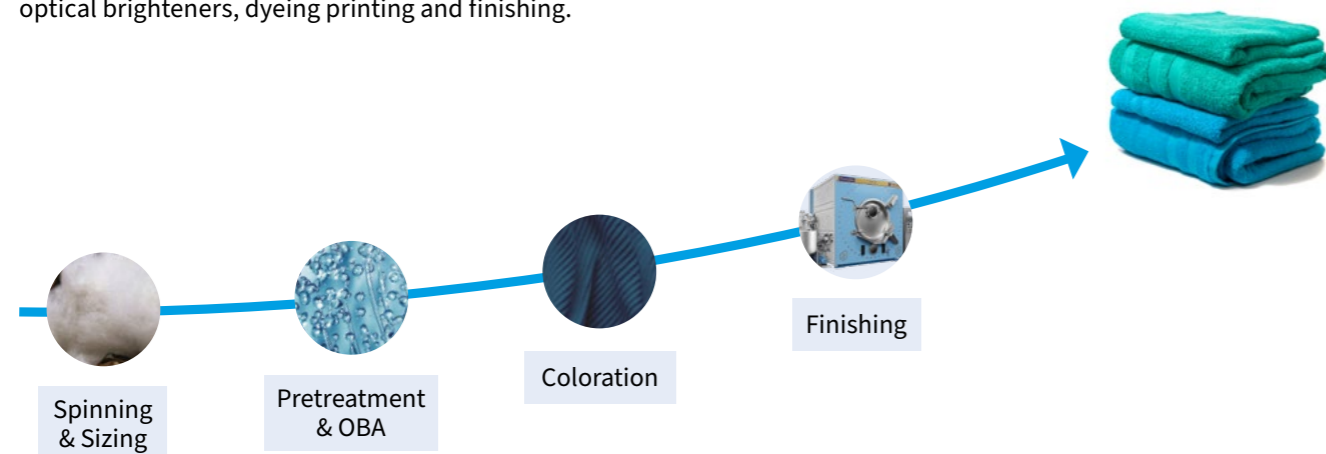
Brand owners and retailers around the world are taking action to evaluate the environmental impact of textile treatment, dyeing and finishing processes in response to consumer concerns. We can support textile manufacturers with this. Our exclusive ONE WAY Process Simulator can be used to simulate and compare products and processes, and thus calculate the ecological and economical profile of the final end-product.

/ ABOUT US

Archroma is a **global color and specialty chemicals** company committed to innovation, world-class quality standards, high service levels, cost-efficiency and sustainability.

From fiber to finish, Archroma plays a key role throughout the entire textile supply chain, with special system solutions for spinning, sizing, pretreatment, optical brighteners, dyeing printing and finishing.

At Archroma, **we share your passion for toweling**, and we bring our expertise, innovation power and our commitment to sustainability into developing cutting-edge technologies and products to support your needs.



Archroma has specialized Competence Centers bringing to our customers:

- A hub of knowledge, R&D, expertise, technology and creativity support;
- A wide range of testing and experts services in **synthetics & wool, cellulosics, printing, denim, finishing & repellents**;
- A complete system offering thanks to our unique combination of expertise in spinning, pretreatment, coloration, as well as finishing;
- Access to global and regional network for seamless support in global supply chain management;
- Powerful training centers for our affiliates, partners and customers.

The majority of Archroma's products are certified by some of the most important eco-standards and compliance to regulations, such as:

• bluesign® • Oeko-Tex® • GOTS • ZDHC • REACH • EU Ecolabel • C2C • RSL • MRSL

/ SPINNING & SIZING

Flexibility on demand

At the beginning of the textile chain, Archroma's spin finishes provide outstanding processing performance to all kinds of filaments and fibers. We combine our chemistry knowledge and yarn manufacturing

experience to develop our high performance and innovative **spin finishes and sizing systems**, aimed at addressing the specific demands of our customers.

Archroma's spinning agents

- Spin finish **Afilan®**
- Softeners, lubricants and antistatic agents **Leomin®**

Archroma's sizing agents

- Sizing agent **Arkofil® DNT**
Arkofil® CMC20
- Additives **Trefix®**

/ PRETREATMENT & OBA

A heritage of performance

Pretreatment has always been a core competence in Archroma and our past heritage. We believe that a textile treatment process must be simple, robust and highly reliable.

With Archroma's **pretreatment and optical brightening systems**, you will be able to obtain a perfectly prepared fabric and get the whiteness and the shade that you need, with high fastness level.

Archroma's pretreatment agents

- Desizing agent **Bactosol® HPA liq**
- Antiperoxide agent **Bactosol® SAP New liq c**
- Detergent agent **Imerol® PCLF liq**
Kieralon® UH liq
Imerol® Blue New liq
- Sequestering agent **Lufibrol® PF ECO liq**
Lufibrol® ANTOX liq
- Neutralization agent **Sirrix® NE liq**
- Peroxide stabilizer **Prestogen® FCB liq c**

Archroma's optical brightening agents

- OBA for cellulose
Leucophor® BSB liq (neutral bluish white)
Leucophor® BSBB liq (bluish white)
Leucophor® PC new liq (neutral reddish white)
Leucophor® BMB liq (neutral bluish white)
Leucophor® BMBB liq (bluish white)
Leucophor® BMF liq (neutral reddish white)
- OBA for polyester
Ultraphor® HF liq (neutral white)
Ultraphor® HFN liq (violet shade)
Ultraphor® ETB liq (neutral bluish)
Ultraphor® XSR liq (neutral reddish)
Ultraphor® SFN (bluish violet)
Ultraphor® SFR plus liq (neutral reddish)

> Spotlight on **WHITE WATER**, a system for towels and bathroom textiles that stay white and bright for longer, without wasting a single precious drop

Archroma is a recognized leader in **integrated solutions for dyeing**. Our portfolio includes systems designed to answer the specific requirements for all types of polyester and cellulosic goods.

Archroma's dyestuffs for cellulose (CEL)

<p>Drimaren® Ultimate HD reactive dyes</p> <ul style="list-style-type: none"> High level of dye standardization High solubility and solution stability in the dye bath Excellent fastness properties High build-up Supplemented by Drimaren® HF dyes for pastel and earth tones and Drimaren® K dyes for brilliant fashion shades <p> ● Drimaren® Ultimate Yellow HD ● Drimaren® Ultimate Amber HD ● Drimaren® Ultimate Crimson HD ● Drimaren® Ultimate Rubine HD ● Drimaren® Ultimate Blue HD ● Drimaren® Ultimate Sapphire HD ● Drimaren® Ultimate Turquoise HD ● Drimaren® Ultimate Navy HD ● Drimaren® Ultimate Night Sky HD ● Drimaren® Ultimate Black HD </p> <p>Additional elements</p> <p> ● Drimaren® Yellow HF-3GL ● Drimaren® Deep Red HF-4B ● Drimaren® Navy HF-GN ● Drimaren® Dark Blue HF-CD </p>	<p>Drimaren® HF reactive dyes selection</p> <ul style="list-style-type: none"> High light fastness in pastel and earth tone shades <p> ● Drimaren® Orange HF-2GL ● Drimaren® Red HF-6BL ● Drimaren® Blue HF-RL </p> <p>Drimaren® K reactive dyes selection</p> <ul style="list-style-type: none"> Suitable for brilliant fashion shades <p> ● Drimaren® Yellow K-4G ● Drimaren® Orange K-3R ● Drimaren® Red K-4BL ● Drimaren® Red K-8B ● Drimaren® Violet K-2RL </p> <p> Suitable for articles that need chlorine fastness. Tests required on final product.</p>
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<p>Indosol® direct dyes</p> <ul style="list-style-type: none"> High temperature stable Highest reproducibility in medium to deep shades and high light fast pale to medium shades 	<p> ● Indosol® Yellow SF-2RL ● Indosol® Orange 2GL 250 ● Indosol® Scarlet BL ● Indosol® Rubinole SF-RGN ● Indosol® Blue SF-GL </p>	<p> ● Indosol® Dark Blue GL ● Indosol® Navy SF-BL ● Indosol® Grey SF-BL ● Indosol® Black NF </p>
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- > Spotlight on **ROYAL SUPREME**, a royal blue coloration system for a simpler and more controlled process, with less resources and without the supply surprise!
- > Spotlight on **BLUE LAGOON**, stress-free dyeing system for turquoise colors with better application control and easier wash-off, that's also less stress for water reserves
- > Spotlight on **DEEP DIVE 2.0**, a complete system for maximum coloration efficiency with enhanced fastness, and dramatically reduced use of water, chemicals and energy
- > Spotlight on **DARK BLISS 2.0**, a system for dyeing deep navy and black shades more efficiently with enhanced fastness and dramatically lighter use of water and chemicals

Archroma's dyeing auxiliaries for CEL

<ul style="list-style-type: none"> Antifoam agent Antimussol® UDF liq Wetting, deaerating agent Leonil® EHC liq c Lubricant agent Imacol® C3G liq Imacol® X-JET liq 	<ul style="list-style-type: none"> Washing-off agent Cyclanon® XC-W plus liq Ladipur® RSK liq UV absorber Rayosan® C pa Multifunctional product Humectol® C liq hc 	<ul style="list-style-type: none"> Wet fastness improver Optifix® RSL liq Optifix® EC liq Optifix® F liq Crocking fastness improver Optifix® RUB New liq Dyestuff protection agent Revatol® NS liq c 	<ul style="list-style-type: none"> Chlorine fastness improver Optifix® CLC liq Levelling agent Drimagen® E3R liq Sequestering agent Dekol® 2005 liq c Dekol® 1097 N liq Dekol® SN-S liq
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Archroma's dyestuffs & auxiliaries for CEL

Diresul® RDT sulfur pre-reduced dyes

- Minimal sulfide
- High versatility in application processes
- Suitable for more ecological dyeing

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|------------------------------------|-----------------------------------|
| ● Diresul® Yellow RDT-E liq | ● Diresul® Blue RDT-3R 80 liq |
| ● Diresul® Orange RDT-3G liq | ● Diresul® Navy RDT-GF 150 liq |
| ● Diresul® Olive Yellow RDT-Y liq | ● Diresul® Caribbean Blue RDT liq |
| ● Diresul® Brown RDT-GN liq | ● Diresul® Pacific Blue RDT liq |
| ● Diresul® Brown RDT-GFW liq | ● Diresul® Arctic Blue RDT liq |
| ● Diresul® Brown RDT-GS 150 liq | ● Diresul® Indiblue RDT-R liq |
| ● Diresul® Brown RDT-R liq | ● Diresul® Indiblue RDT-G liq |
| ● Diresul® Bordeaux RDT-6R 120 liq | ● Diresul® Indinavy RDT-B liq |
| ● Diresul® Red RDT-BG liq | ● Diresul® Smartdenim Blue liq |
| ● Diresul® Brill Green RDT-H liq | ● Diresul® Indiblack RDT-2R liq |
| ● Diresul® Green RDT-N liq | ● Diresul® Blue Black RDT-2B liq |
| ● Diresul® Olive RDT-B 150 liq | ● Diresul® Black RDT-2KS liq |
| ● Diresul® Olive RDT-BW 150 liq | ● Diresul® Fast Black RDT liq |
| ● Diresul® Blue RDT-2G 150 liq | ● Diresul® Black RDT-K liq |

Suitable for articles that need chlorine fastness. Tests required on final product.

Diresul® Earthcolors dyes

- Plant-based dyes
- Exclusive to brands owners only
- Palette of natural shades
- Cellulosic based fibers

- Diresul® Earth-Oak
- Diresul® Earth-Cotton
- Diresul® Earth-Sand
- Diresul® Earth-Clay
- Diresul® Earth-Forest
- Diresul® Earth-Stone

Archroma's dyeing auxiliaries for Diresul® RDT

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|---|--|--|---|--|
| • Wetting agent
Leonil® EHC liq c | • Sequestering agent
Dekol® SN liq
Dekol® 2005 liq c | • Reducing agent
Cyclanon® MSA p | • Peroxide oxidation booster
Direfix® GPF liq | • Light fastness improver:
Direfix® LFIN p |
|---|--|--|---|--|

> Spotlight on **LOVE NATURE x EARTHCOLORS®**, an efficient dyeing system based on upcycled plant waste for colors inspired by nature that preserve its precious resources

EarthColors® is currently exclusive to brand owners only, supporting the efforts of the brand owners towards transparency and traceability.



Archroma's dyestuffs for polyester (PES) & PES CEL BLENDS

Lumacron® XLD disperse dyes

- Medium/high energy performance dyes
- Good wet fastness

- Lumacron® Yellow XLD
- Lumacron® Yellow Brown XLD
- Lumacron® Red XLD
- Lumacron® Rubine XLD
- Lumacron® Blue XLD
- Lumacron® Navy XLD
- Lumacron® Black XLDF
- Lumacron® Black XLDN

Foron® S-WF disperse dyes

- High-energy performance dyes
- High sublimation fastness
- High wet fastness

- Foron® Brill Yellow S-WF
- Foron® Golden Yellow S-WF
- Foron® Brilliant Scarlet S-WFN
- Foron® Red S-WF
- Foron® Crimson S-WF
- Foron® Magenta S-WF
- Foron® Rubine S-WF
- Foron® Cyanine S-WF
- Foron® Turquoise S-WF
- Foron® Blue S-WF
- Foron® Navy S-WF
- Foron® Black S-WF

Suitable for articles that need chlorine fastness. Tests required on final product.

Archroma's dyeing auxiliaries for PES & PES CEL BLENDS

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|---|--|---|---|
| • Antifoam agent
Antimussol® UDF liq | • Degreasing agent
Humectol® LYS liq | • Dispersing oligomers
Lyocol® POD liq | • Sun protection
Rayosan® PES liq |
| • Wetting, deaerating agent
Leonil® EHC liq c | • Acid reduction clearing
Cyclanon® Eco plus liq | • Diffusion accelerator
Dilatin® POE liq | • Acid buffer dispersing
Opticid® PSD liq c
Opticid® PB liq |
| • Lubricant agent
Imacol® MPE liq
Imacol® X-JET liq | • Dyestuff protection agent
Revatol® AR liq | • Alkaline reduction clearing
Cyclanon® MCL liq
Cyclanon® MSA p
Ekalin® F liq | • Dispersing agent
Lyocol® RDN/PRDN liq
Setamol® WS p |

If you are interested in microfiber towels, please contact your Archroma representative for further information.



Our wide portfolio of **reactive dyes and auxiliaries**, allows us to offer complete **printing system solutions** to obtain vibrant colors in most fields of textile printing applications.

Drimaren® reactive dyes and printing auxiliaries are especially selected for printing on cellulosics and are suitable for applications whatever requirements standards: from home textiles to apparel, ensuring very soft hand feel properties.

Archroma's reactive dyes for CEL

Drimaren® P

- Drimaren® P are monochloro triazine dyes
- Brilliant shades to enable great color variety
- High solubility to avoid pre-dissolving step
- Easy dosing and dust-free environment
- Suitable for articles that need chlorine fastness. Tests required on final product

- **Drimaren® Yellow P-6GS p**
- **Drimaren® G. Yellow P-2R p**
- **Drimaren® Orange P-2RN p**
- **Drimaren® Red P-BN p**
- **Drimaren® Red P-4B p**
- **Drimaren® Violet P-2R p**
- **Drimaren® Blue P-3RL p**
- **Drimaren® Blue P-5RN p**
- **Drimaren® Navy P-2RS p**
- **Drimaren® Turquoise Blue P-GRS p**
- **Drimaren® Black P-BL p**
- **Drimaren® Black P-LS p**
- **Drimaren® Black P-GR p**

Archroma's printing auxiliaries

Thickeners

- **Lutexal® DRA liq**
- **Lutexal® F-RP Plus liq**
- **Lutexal® RP-HT Plus liq**
- **Luprintol® Additive RM 01 liq**

Washing-off

- **Cyclanon® XC-W liq**
- **Ladipur® RSK liq**

Fastness

- **Printogen® Fixing agent RP liq**
- **Optifix® RSL liq**
- **Optifix® EC liq**

Auxiliaries

- **Printogen® Oxidant Grains g**
- **Printogen® Enhancer BC liq**
- **Printogen® Level VN liq**

 Suitable for articles that need chlorine fastness. Tests required on final product.

Archroma also offers other printing solutions, such as:

- **Pigment printing systems**, suitable for all fibers & blends, to obtain vibrant colors, while ensuring very soft hand feel properties and high light-fastness performance required for toweling articles.
- **Foron® disperse** dyes and printing auxiliaries, specially selected for printing on polyester.
- **Nylosan® & Lanasyn® acid dyes** and printing, auxiliaries, specially selected for printing on polyamide.

> **Spotlight on [STAMP IT SAFE](#), a formaldehyde-free* pigment printing system for soft fabrics which is better for you and our planet**

> **Spotlight on [COOL PRINT](#), a complete formaldehyde-free* system that keeps your pigment printed textiles soft and durable and the Earth cooler**

*below limits of detection according to industry standard test methods

> **Spotlight on [PRINT N'FAST](#), a cost-efficient reactive printing system for soft hand-feel that is good for you and the planet**



Archroma strives to be the preferred partner for printing, with our focus on customer needs, quality, sustainability and performance.

Discover more information about pigment, reactive, disperse and acid printing in our [PASSION FOR PRINTING](#) and [DIGITAL PRINTING](#) brochure.

/ FINISHING

Innovative tailor-made solutions

Like other textiles in the bathroom, towel materials are continually subject to the effects of warm humidity. In order to provide the greatest possible microbial protection, Archroma uses products that simultaneously provide lasting softness and drying properties. Feel great straight from the shower.

Archroma's performance and finishing solutions

<p>Protection</p> <ul style="list-style-type: none"> • Yellowing protection Umidol® • Antistatic Elfugin® AKT liq <p>Odor management</p> <ul style="list-style-type: none"> • Antimicrobial protection Sanitized® <p>Softening</p> <ul style="list-style-type: none"> • Silicone softener Solusoft® • Hydrophilic silicone softener Siligen® 	<ul style="list-style-type: none"> • Fatty acid softener Leomin® Cepreton® Ceranine® • Polyethylene softener/stitching assistant Ceralube® • Yarn lubricants Destofil® LC liq Ceralube® ET liq <p>Absorbency improver & thermocontrol</p> <ul style="list-style-type: none"> • Moisture management Siligen® Hydroperm® • Cooling effects coldblack® 	<p>Finishing specialties & additives</p> <ul style="list-style-type: none"> • Wetting agents Kieralon® MRZ liq Imerol® JET-B liq c • Anti-foaming agents Antimussol® UDF liq <p>Viral load reduction up to 99.9%*</p> <ul style="list-style-type: none"> • Antimicrobial and antiviral Sanitized® T99-19 (Cellulosic) Sanitized® T11-15 liq (Synthetics) <p><small>*Applied in the right fabric with the right conditions, according ISO 18184-2019</small></p>
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> Spotlight on **HYDRY**, a system for odor-fresh towels where bacteria cannot build up on your favorite towel, bath robe or sports towel



Check our latest updates at www.toweling.archroma.com

...and know more about our **SYSTEMS SOLUTIONS** for toweling



ARCHROMA TOWELING PORTFOLIO



- Spinning agents**
 - Afilan®
 - Leomin®
- Sizing agents**
 - Arkofil® DNT
 - Arkofil® CMC20
- Additives**
 - Trefix®

Performance and finishing solutions					
Protection	Odor management	Absorbency improver & thermocontrol	Viral load reduction up to 99.99%*	Softening	Finishing specialties & additives
Yellowing protection: • Umidol® Antistatic: • Elfugin® AKT liq	Antimicrobial protection: • Sanitized®	Moisture management: • Siligen® • Hydroperm® Cooling effects: • coldblack®	Antimicrobial & antiviral: • Sanitized® T99-19 (Cellulosic) • Sanitized® T11-15 liq (Synthetics)	Silicone softener: • Solusoft Hydrophilic silicone softener: • Siligen® Fatty acid softeners: • Leomin® • Cepreton® • Ceranine® Polyethylene softener/ stitching assistant: • Ceralube® Yarn lubricants: • Destofil® LC liq • Ceralube® ET liq	Wetting agents: • Kieralon® MRZ liq • Imerol® JET-B liq c Anti-foaming agents: • Antimussol® UDF liq

*Applied in the right fabric with the right conditions, according ISO 18184-2019

Global Core	
PRETREATMENT	OBA
Desizing agent: • Bactosol® HPA liq Antiperioxide agent: • Bactosol® SAP New liq c Detergent agent: • Imerol® PCLF liq • Kieralon® UH liq • Imerol® Blue New liq • Imerol® UH liq Sequestering agent: • Lufibrol® PF ECO • Lufibrol® ANTOX liq Neutralization agent: • Sirrix® NE liq Peroxide stabilizer: • Prestogen® FCB liq c	OBA for CEL: • Leucophor® BSB liq (neutral bluish white) • Leucophor® BSBB liq (bluish white) • Leucophor® PC new liq (neutral reddish white) • Leucophor® BMB liq (neutral bluish white) • Leucophor® BMBB liq (bluish white) • Leucophor® BMF liq (neutral reddish white) OBA for PES: • Ultraphor® HF liq (neutral white) • Ultraphor® HFN liq (violet shade) • Ultraphor® ETB liq (neutral bluish) • Ultraphor® XSR liq (neutral reddish) • Ultraphor® SFN liq (bluish violet) • Ultraphor® SFR plus liq (neutral reddish)

Dyeing			
CEL		PES/PES CEL blends	
Dyestuffs	Dyestuffs	Dyestuffs	Dyeing auxiliaries
Drimaren® Ultimate HD reactive dyes - High level of dye standardization - High solubility and solution stability in the dye bath - Excellent fastness properties - High build-up, low salt • Drimaren® Ultimate Yellow HD • Drimaren® Ultimate Amber HD • Drimaren® Ultimate Crimson HD • Drimaren® Ultimate Rubine HD* • Drimaren® Ultimate Blue HD • Drimaren® Ultimate Sapphire HD • Drimaren® Ultimate Turquoise HD • Drimaren® Ultimate Navy HD • Drimaren® Ultimate Night Sky HD • Drimaren® Ultimate Black HD Additional elements: • Drimaren® Yellow HF-3GL • Drimaren® Deep Red HF-4B • Drimaren® Navy HF-GN • Drimaren® Dark Blue HF-CD Supplementary dyes of Drimaren® Ultimate HD Drimaren® HF reactive dyes selection - Suitable for pastel & earth tones • Drimaren® Orange HF-2GL • Drimaren® Red HF-6BL • Drimaren® Blue HF-RL Drimaren® K reactive dyes selection - Suitable for brilliant shades • Drimaren® Yellow K-4G* • Drimaren® Orange K-3R* • Drimaren® Red K-4BL* • Drimaren® Red K-8B* • Drimaren® Violet K-2RL	Indosol® direct dyes - High temperature stable - Highest reproducibility in medium to deep shades - High light fast pale to medium shades • Indosol® Yellow SF-2RL • Indosol® Orange 2GL 250 • Indosol® Scarlet BL • Indosol® Rubine SF-RGN • Indosol® Blue SF-GL • Indosol® Blue SF-2G • Indosol® Dark Blue GL • Indosol® Navy SF-BL • Indosol® Grey SF-BL • Indosol® Black NF Dyeing auxiliaries Antifoam agent: • Antimussol® UDF liq Wetting, deaerating agent: • Leonil® EHC liq c Lubricant agent: • Imacol® C3G liq • Imacol® X-JET liq Washing-off agent: • Cyclanon® XC-W plus liq • Ladipur® RSK liq UV absorber: • Rayosan® C pa Multifunctional product: • Humectol® C liq hc Wet fastness improver: • Optifix® RSL liq • Optifix® EC liq • Optifix® F liq Croaking fastness improver: • Optifix® RUB New liq Dyestuff protection agent: • Revatol® NS liq c Chlorine fastness improver: • Opticix® CLC liq Levelling agent: • Drimagen® E3R liq Sequestering agent: • Dekol® 2005 liq c • Dekol® 1097 N liq • Dekol® SN-S liq	Diresul® RDT sulfur pre-reduced dyes - Minimal sulfide - High versatility in application processes - Suitable for more ecological dyeing • Diresul® Yellow RDT-E liq • Diresul® Orange RDT - 3G liq • Diresul® Olive Yellow RDT - Y liq • Diresul® Brown RDT - GN liq • Diresul® Brown RDT - GF liq • Diresul® Brown RDT - GS 150 liq • Diresul® Brown RDT - R liq • Diresul® Bordeaux RDT - 6R 120 liq • Diresul® Red RDT - BG liq • Diresul® Brill Green RDT - H liq • Diresul® Green RDT - N liq • Diresul® Olive RDT - B 150 liq • Diresul® Olive RDT - BW 150 liq • Diresul® Blue RDT - 2G 150 liq • Diresul® Blue RDT - 3R 80 liq • Diresul® Navy RDT - GF 150 liq • Diresul® Caribbean Blue RDT liq • Diresul® Pacific Blue RDT liq • Diresul® Arctic Blue RDT liq • Diresul® Indiblu RDT - R liq • Diresul® Indiblu RDT - G liq • Diresul® Indinavy RDT - B liq • Diresul® Smartdenim Blue liq • Diresul® Indiblack RDT - 2R liq • Diresul® Blue Black RDT - 2B liq • Diresul® Black RDT - 2KS liq • Diresul® Fast Black RDT liq • Diresul® Black RDT - K liq Dyeing auxiliaries Wetting agent: • Leonil® EHC liq c Sequestering agent: • Dekol® SN liq • Dekol® 2005 liq c Reducing agent: • Cyclanon® MSA p Peroxide oxidation booster: • Direfix® GPF liq Light fastness improver: • Direfix® LFIN p	Diresul® Earthcolors - Plant-based dyes - Exclusive to brands owners only - Palette of natural shades - Cellulosic based fibers • Diresul® Earth-Oak • Diresul® Earth-Cotton • Diresul® Earth-Sand • Diresul® Earth-Clay • Diresul® Earth-Forest • Diresul® Earth-Stone
Lumacron® XLD disperse dyes - Medium/high energy performance dyes - Good wet fastness • Lumacron® Yellow XLD • Lumacron® Yellow Brown XLD • Lumacron® Red XLD • Lumacron® Rubine XLD • Lumacron® Blue XLD • Lumacron® Navy XLD • Lumacron® Black XLDF • Lumacron® Black XLDN Foron® S-WF disperse dyes - High-energy performance dyes - High sublimation fastness - High wet fastness • Foron® Brill Yellow S-WF* • Foron® Golden Yellow S-WF* • Foron® Brilliant Scarlet S-WFN* • Foron® Red S-WF • Foron® Crimson S-WF* • Foron® Magenta S-WF • Foron® Rubine S-WF • Foron® Cyanine S-WF* • Foron® Turquoise S-WF • Foron® Blue S-WF* • Foron® Navy S-WF* • Foron® Black S-WF*	Dyeing auxiliaries Antifoam agent: • Antimussol® UDF liq Wetting, deaerating agent: • Leonil® EHC liq c Lubricant agent: • Imacol® MPE liq • Imacol® X-JET liq Degreasing agent: • Humectol® LYS liq Acid reduction clearing: • Cyclanon® Eco plus liq Dyestuff protection agent: • Revatol® AR liq Levelling agent: • Eganal® DFT liq • Eganal® X-ACT liq Dispersing oligomers: • Lyocol® POD liq Diffusion accelerator: • Dilatin® POE liq Alkaline reduction clearing: • Cyclanon® MCL liq • Cyclanon® MSA p • Ekalin® F liq Sun protection: • Rayosan® PES liq Acid buffer dispersing: • Opticid® PSD liq c • Opticid® PB liq Dispersing agent: • Lyocol® RDN/PRDN liq • Setamol® WS p		

Printing	
CEL	
Reactive dyestuffs	Printing auxiliaries
Drimaren® P - Printing on cellulosic fibers - Drimaren® P are MCT dyes - Brilliant shades to enable great color variety - High solubility to avoid pre-dissolving step - Easy dosing and dust-free environment - Suitable for articles that needs chlorine fastness. Tests required on final product • Drimaren® Yellow P-6GS p • Drimaren® Golden Yellow P-2R p • Drimaren® Orange P-2RN p • Drimaren® Red P-BN p • Drimaren® Red P-4B p • Drimaren® Violet P-2R p • Drimaren® Blue P-3RL p • Drimaren® Navy P-5RN p • Drimaren® Navy P-2RS p • Drimaren® Turquoise P-GRS p • Drimaren® Black P-BL p • Drimaren® Black P-LS p • Drimaren® Black P-GR p	Thickeners: • Lutexal® DRA liq • Lutexal® F-RP Plus liq • Luprintol® RP-HT Plus liq • Luprintol® Additive RM 01 liq Auxiliaries: • Printogen® Oxidant Grains g • Printogen® Enhancer BC liq • Printogen® Level VN liq Washing off: • Cyclanon® XC-W liq • Ladipur® RSK liq Fastness: • Printogen® Fixing agent RP liq • Optifix® RSL liq • Optifix® EC liq * Suitable for articles that need chlorine fastness. Tests required on final product.

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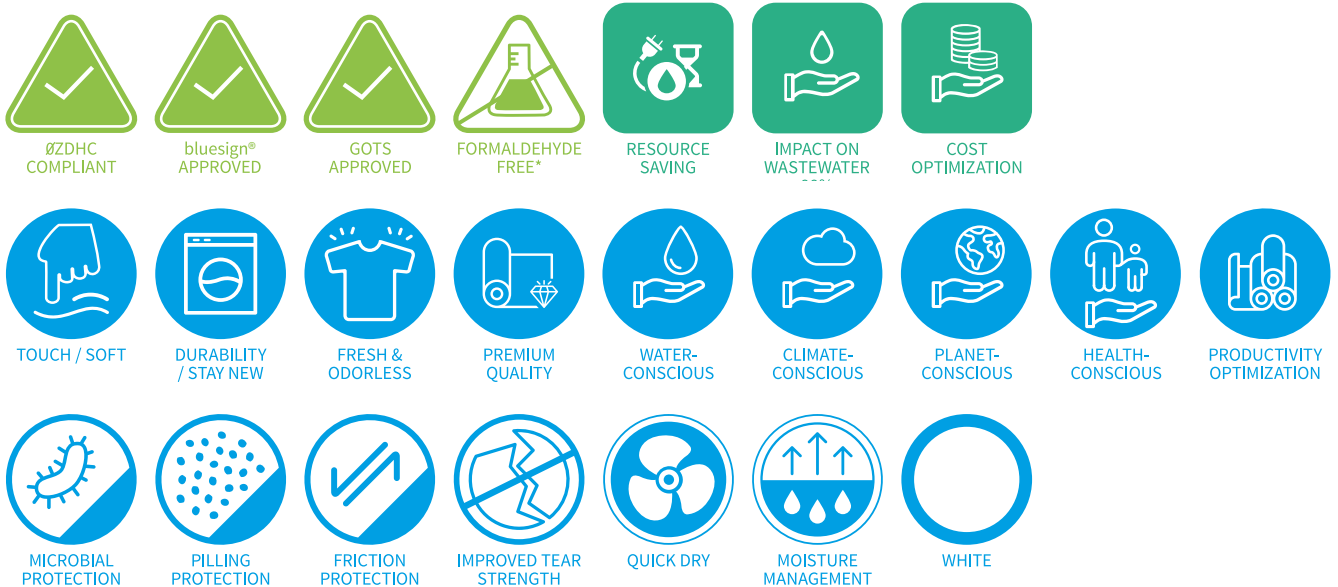
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