



## TEXTILE SPECIALTIES FORMULATION LIST

Zero Discharge of Hazardous Chemicals  
Manufacturing Restricted Substance List  
Dec 2015 Version 1.1



# Archroma's commitment to the Zero Discharge of Hazardous Chemicals Manufacturing Restricted Substance List

Archroma is strongly committed to the highest standards of product safety and, through intensive analytical monitoring of chemical products actively supporting the objective of removing hazardous chemicals from the textile and clothing supply chain.

In the Zero Discharge of Hazardous Chemicals (ZDHC) Joint Roadmap, Version 2, ZDHC member brands are committed to define and develop a Manufacturing Restricted Substances List (MRSList) for the apparel and footwear industry. The ZDHC MRSList addresses hazardous substances potentially used and discharged into the environment during manufacturing and related processes, not just those substances that could be present in finished products.

The ZDHC MRSList is a list of chemical substances subject to a usage ban, meaning that the MRSList-listed chemical substance or group of substances may not be used to achieve a desired function or effect during production of the raw material or product (that is, no intentional use). Due to the existence of manufacturing impurities in chemical formulations, a minor or trace amount of the restricted substance is permitted within defined concentration limits. Chemical formulations containing restricted substances that exceed these limits are not compliant with the MRSList.

Restricted substances and groups of substances according to MRSList of ZDHC (details on chemicals and individual limits see MRSList) are:

- Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)
- Chlorobenzenes & Chlorotoluenes
- Chlorophenols
- Dyes – Azo (Forming Restricted Amines)<sup>1</sup>
- Dyes – Navy Blue Colorant
- Dyes – Carcinogenic or Equivalent Concern
- Dyes – Disperse (Sensitizing)
- Flame Retardants
- Glycols
- Halogenated Solvents
- Organotin Compounds
- Polycyclic Aromatic Hydrocarbons (PAHs)
- Perfluorinated and Polyfluorinated Chemicals (PFCs)<sup>2</sup>
- Phthalates – including all other esters of ortho-phthalic acid
- Total Heavy Metals
- Volatile Organic Compounds (VOC)

Please be advised that based on the information available to us from our raw material suppliers the current products offered in the product lines listed in this formulation list do not contain any of the substances or group of substances (i) as intentionally added raw materials or (ii) as impurities above the limit specified in the MRSList<sup>3</sup> (current version: December 2015) of ZDHC. To the best of our knowledge, none of these substances are intentionally generated during production.

<sup>1</sup> azo dyes that can undergo reductive cleavage of the azo bond(s) to release carcinogenic amines as defined in Annex XVII of REACH

<sup>2</sup> Archroma's Nuva® products are produced by telomerization. PFOA is not used in this process, nor is PFOA added to the commercial products in subsequent production steps. Aligned with Archroma's commitment to work towards the elimination of PFOA and related chemicals, our research and development efforts as well as continuous improvement of our manufacturing process, have led to our Nuva® N product series based on short chain fluorotelomer chemistry. PFOA is not detectable in our Nuva® N product portfolio (detection limit ≤ 20 ppb) when analyzed with the current available analytical methods. We are aware that some brands are phasing out the use of PFC's completely, and to address these needs Archroma continues to research and develop new technologies.

As a result we are in a position to launch fluorine-free alternative products: Smartrepel Hydro® CMD and Smartrepel Hydro® PM. We will continue to keep the market informed about our latest research progress to get PFOA-free and fluorine-free alternatives. This demonstrates our dedication to find sustainable solutions to enable durable water and soil repellency, and soil release, performance of textile articles to meet current and future market needs.

<sup>3</sup> <http://www.roadmaptozero.com/programme-documents.php>

\* This is a formulation list of global Archroma products that are compliant with the Manufacturing Restricted Substances List: Zero Discharge of Hazardous Chemicals Programme December 2015. If you need clarification for any local product, please contact your local Archroma representative.

\*\* This document is in addition to, but not replacing, the information on the Material Safety Data Sheet (MSDS). Please read the MSDS of the product in order to comply with legal requirements and the requirements of the brand's Restricted Substance List (RSL).

\*\*\* Analysis for detecting chemical impurities is routinely carried out on Archroma's products to ensure compliance.

\*\*\*\* Any user of this product is responsible for determining the suitability of Archroma's products for its particular application.

\*\*\*\*\* This list was generated on 22/12/15. Always refer to <http://textiles.archroma.com/about-textile-specialties/sustainability/> for the latest versions of the Archroma's positive lists.



**Carole Mislín**  
Head of Global Product Stewardship

## COLOR EFFECTS

### Printing, pigments

Printofix® Black A-C 01

Printofix® Black TF

Printofix® Black T-M

Printofix® Blue A-B 01

Printofix® Blue TF

Printofix® Blue T-K

Printofix® Blue T-P

Printofix® Blue T-WD

Printofix® Brilliant Red TF

Printofix® Brilliant Yellow TF

Printofix® Brown TF

Printofix® Green TF

Printofix® Green T-X

Printofix® Navy A-K

Printofix® Navy T-V

Printofix® Orange T-O

Printofix® Pink T-E

Printofix® Pink TF

Printofix® Red A-L

Printofix® Red T-B

Printofix® Red T-N 01

Printofix® Violet T-L

Printofix® Yellow A-Y

Printofix® Yellow T-C

Printofix® Yellow TF

Printofix® Yellow T-G

Printofix® Yellow T-G.01

Printofix® Red T-B.01

### Printing, reactive dyes

Drimaren® Black P-LS

Drimaren® Black PS-GR gr

Drimaren® Black PS-SG gr

Drimaren® Blue PS-3RL gr

Drimaren® Navy PS-2R gr

Drimaren® Orange PS-2RN gr

Drimaren® Red PS-2BN gr

Drimaren® Red PS-BN gr

Drimaren® Turquoise PS-GR gr

Drimaren® Violet PS-2RL gr

Drimaren® Yellow PS-2R gr

Drimaren® Yellow PS-6G gr

Solar® Black

Solar® Blue

Solar® Briliant Blue

Solar® Brilliant Red

Solar® Brilliant Yellow

Solar® Cyanine

Solar® Deep Black

Solar® Grey

Solar® Orange

Solar® Red

## Colors for cellulose, direct dyes

Indosol® Black NF p	Indosol® Black SF-RL sgr	Indosol® Blue SF-2G sgr
Indosol® Blue SF-GL p	Indosol® Dark Blue GL p	Indosol® Navy SF-BL sgr
Indosol® Orange 2GLN sgr	Indosol® Red 2B p	Indosol® Red BA p
Indosol® Royal Blue 3RL sgr	Indosol® Rubinole SF-RGN p	Indosol® Scarlet BL p
Indosol® Turquoise Blue FBL p	Indosol® Yellow SF-GL p	

## Colors for cellulose, indigo

Denisol Indigo 30 liq

## Colors for cellulose, reactive dyes

Drimaren® Aquamarine HF-CD cdg	Drimaren® Black CL-S p	Drimaren® Blue CL-BR p
Drimaren® Blue HF-2B cdg	Drimaren® Blue HF-RL cdge	Drimaren® Blue K-2RL cdg
Drimaren® Blue X-3LR cdg	Drimaren® Blue X-BLN p	Drimaren® Dark Blue HF-CD gr
Drimaren® Golden Yellow HF-CD cdg	Drimaren® Green HF-5BL cdg	Drimaren® Green X-3GL cdg
Drimaren® Navy CL-R p	Drimaren® Navy HF-B cdge	Drimaren® Navy HF-GN gr
Drimaren® Navy X-GN sgr	Drimaren® Navy X-RBL cdg	Drimaren® Orange HF-2GL cdg
Drimaren® Orange K-3R cdg	Drimaren® Orange K-GL cdg	Drimaren® Orange X-3LG cdg
Drimaren® Red CL-5B gr	Drimaren® Red CL-5B p	Drimaren® Red HF-3B gr
Drimaren® Red HF-6BL cdg	Drimaren® Red HF-CD cdg	Drimaren® Red K-8B cdg
Drimaren® Red X-6BN sgr	Drimaren® Royal Blue HF-CD cdg	Drimaren® Rubinole CL-3BL p

## Colors for cellulose, reactive dyes (continued)

Drimaren® Rubinole X-3LR cdg	Drimaren® Scarlet HF-3G cdg	Drimaren® Turquoise CL-B p
Drimaren® Turquoise CL-B p conc	Drimaren® Turquoise K-2B cdg	Drimaren® Turquoise X-B cdg
Drimaren® Violet K-2RL cdg	Drimaren® Yellow CL-2R gr	Drimaren® Yellow CL-2R p
Drimaren® Yellow CL-S gr	Drimaren® Yellow HF-3GL cdg	Drimaren® Yellow HF-CD cdg
Drimaren® Yellow K-2R cdg	Drimaren® Yellow K-4G cdg	Drimaren® Yellow X-4RN sgr
Drimaren® Yellow X-8GN cdg		

## Colors for cellulose, special dyes

Direfix® AT p	Direfix® GPA liq	Direfix® SD liq
Diresul® Black RDT-2KS liq	Diresul® Black RDT-D.BA 120 liq	Diresul® Black RDT-K liq
Diresul® Blue Black RDT-2B liq	Diresul® Blue RDT-2G liq 150	Diresul® Blue RDT-3R liq 80
Diresul® Blue RDT-BR liq	Diresul® Bordeaux RDT-6R liq 150	Diresul® Brilliant Green RDT-H liq
Diresul® Brown RDT-GFW liq	Diresul® Brown RDT-GN liq	Diresul® Brown RDT-GS liq 150
Diresul® Brown RDT-R liq	Diresul® Earth-Clay liq	Diresul® Earth-Forest liq
Diresul® Earth-Maple liq	Diresul® Earth-Oak liq	Diresul® Earth-Sand liq
Diresul® Earth-Stone liq	Diresul® Indiblack RDT-2R liq	Diresul® Indiblue RDT-G liq
Diresul® Indiblue RDT-R liq	Diresul® Indinavy RDT-B liq	Diresul® Navy RDT-GF liq 150
Diresul® Olive RDT-BW liq 150	Diresul® Orange RDT-3G liq	Diresul® Pacific Blue RDT liq
Diresul® Red RDT-BG liq	Diresul® Stabilizer CP liq	Diresul® Yellow RDT-E liq
Optisul® Black C liq	Optisul® Blue C liq	Optisul® Brown C liq

## Colors for cellulose, special dyes (continued)

Optisul® Green C liq

Optisul® Red C liq

Optisul® Yellow C liq

Reducing Agent D p

Reducing Agent DE liq

## Colors for polyamide and wool

Drimaren® Red W-5BI

Lanasyn® Black M-DL 170

Lanasyn® Black M-DL liq

Lanasyn® Black M-DL p 120

Lanasyn® Black M-GL sgr

Lanasyn® Blue F-2RFL 160

Lanasyn® Blue F-BA

Lanasyn® Blue F-GBL 180

Lanasyn® Blue F-GBLN 180

Lanasyn® Blue F-L 150

Lanasyn® Blue M-CFA

Lanasyn® Bordeaux M-RLA 200

Lanasyn® Brilliant Blue F-CLA p

Lanasyn® Brilliant Green F-6GLN sgr

Lanasyn® Dark Brown M-BLN sgr

Lanasyn® Dark Brown M-GLN

Lanasyn® Flavine F-5G

Lanasyn® Green F-BL 130

Lanasyn® Grey M-BLA

Lanasyn® Grey M-CFA P

Lanasyn® Navy M-BLA p

Lanasyn® Navy M-DNL

Lanasyn® Red F-2B

Lanasyn® Red F-4BL

Lanasyn® Red F-5B 150

Lanasyn® Red F-6B 140

Lanasyn® Red F-GL p

Lanasyn® Red M-GA

Lanasyn® Scarlet F-3GL 130

Lanasyn® Turquoise M-5G

Lanasyn® Violet F-BL 180

Lanasyn® Yellow F-7GL

Lanasyn® Yellow M-2GL

Lanasyn® Yellow M-2RL 180

Nylosan® Black N-GL 200

Nylosan® Black N-WLN p

Nylosan® Blue Black S-3R

Nylosan® Blue E-2GL p 200

Nylosan® Blue E-BGL sgr 200

Nylosan® Blue E-BL sgr 200

Nylosan® Blue E-GL p 250

Nylosan® Blue N-5GL sgr 200

Nylosan® Blue N-BLN

Nylosan® Blue N-P sgr

Nylosan® Blue S-R p

Nylosan® Brill. Flavine E-8GZ p 125

Nylosan® Brilliant Blue N-FL sgr 180

Nylosan® Brilliant Red S-3R

## Colors for polyamide and wool (continued)

Nylosan® Green N-GL p	Nylosan® Navy N-RBL p 220	Nylosan® Navy S-3G sgr
Nylosan® Orange N-RL p 250	Nylosan® Orange S-3R sgr	Nylosan® Red E-BL sgr 180
Nylosan® Red E-BNL sgr	Nylosan® Red E-BNLC sgr	Nylosan® Red N-2RBL sgr
Nylosan® Red N-PB	Nylosan® Red S-3B sgr	Nylosan® Red S-B p
Nylosan® Red S-GS	Nylosan® Rhodamin E-B p 300	Nylosan® Rubine N-5BL p 200
Nylosan® Rubine N-P p	Nylosan® Violet E-2R sgr 300	Nylosan® Yellow E-2RL sgr
Nylosan® Yellow E-4G p 200	Nylosan® Yellow E-4RL p	Nylosan® Yellow E-RLA p 200
Nylosan® Yellow N-PC sgr	Nylosan® Yellow S-L sgr	Nylosan® Yellow-Brown E-RLC p 200
Optilan® Blue MF-2RLA	Optilan® Blue MF-GL sgr	Optilan® Brilliant Red MF-BG 125
Optilan® Dark Blue MF-2B 300	Optilan® Dark Red MF-BR 150	Optilan® Golden Yellow MF-RL
Optilan® Red MF-GRLN	Optilan® Scarlet MF-GL 130	Optilan® Yellow MF-2GLA
Optilan® Yellow MF-4GLI p		

## Colors for polyester

Foron® Black AS-3LF	Foron® Black RD-S	Foron® Black RD-SE 300
Foron® Black RD-SN	Foron® Black S-WF	Foron® Blue AS-3L
Foron® Blue E-BL 150	Foron® Blue RD-E	Foron® Blue RD-S
Foron® Blue S-2RN	Foron® Blue S-BGL 200	Foron® Blue S-WF
Foron® Brilliant Blue AS-BG 200	Foron® Brilliant Blue AS-BG 200 gr	Foron® Brilliant Red E-2BL 200
Foron® Brilliant Red S-RGL 200	Foron® Brilliant Violet AS-BLN	Foron® Brilliant Violet S-3RL 150
Foron® Brilliant Yellow RD-E	Foron® Brilliant Yellow S-2L	Foron® Brilliant Yellow S-6GL
Foron® Brilliant Yellow S-WF	Foron® Brown AS-3LG	Foron® Brown AS-3LR
Foron® Cyanine S-WF	Foron® Dark Blue RD-EL	Foron® Dark Blue S-WF
Foron® Golden Yellow S-WF	Foron® Grey RD-E	Foron® Navy AS-3L
Foron® Navy RD-S	Foron® Navy S-2GRL 200	Foron® Navy S-WF
Foron® Orange RD-S	Foron® Orange RD-SN	Foron® Red AS-3L
Foron® Red RD-E	Foron® Red S-2L	Foron® Red S-WF
Foron® Rubine RD-GFL 200	Foron® Rubine S-2GFL 150	Foron® Rubine S-WF
Foron® Scarlet RD-S	Foron® Scarlet RD-USY	Foron® Scarlet S-WF
Foron® Turquoise S-WF	Foron® Vermillion S-WF	Foron® Violet S-WF
Foron® Yellow AS-3L	Foron® Yellow AS-GWL gr	Foron® Yellow RD-USY
Foron® Yellow-Brown RD-2RSNI	Foron® Yellow-Brown S-2RFL 150	

## Optical brighteners for cellulose

Leucophor® BCR liq	Leucophor® BFB liq	Leucophor® BFR liq
Leucophor® BLR liq	Leucophor® BMB liq	Leucophor® BMBB liq
Leucophor® BMF liq	Leucophor® BMF.ID liq	Leucophor® BMFV liq
Leucophor® BSB liq	Leucophor® BSB.US01 liq	Leucophor® BSBB liq

## Optical brighteners for plastics

Hostalux® KCB p	Hostalux® KS p	Hostalux® KS1G p
Hostalux® KS1Y p	Hostalux® KS2-S p	Hostalux® KSB p
Hostalux® KSB3 p	Hostalux® KSC p	Hostalux® KSK p

## Optical brighteners for polyacrylonitrile

Hostalux® ACK liq	Hostalux® ACKB liq	Hostalux® ACKN liq
Hostalux® ACKV liq	Hostalux® N2R liq 200	Hostalux® NSM p

## Optical brighteners for polyamide and wool

Hostalux® CPA01 liq	Hostalux® PN liq	Hostalux® PNB liq

## Optical brighteners for polyester

Hostalux® EBU liq

Hostalux® EF liq

Hostalux® EFN liq c

Hostalux® ERC liq

Hostalux® ERE liq

Hostalux® EREN liq

Hostalux® ESR liq

Hostalux® ETB liq

Hostalux® ETBN liq

Hostalux® ETR liq

Hostalux® XSR liq

Hostalux® XTB liq

## / FUNCTIONAL EFFECTS

### Anti-slip, anti-snag agents

Dicofix® 805 liq

Dicofix® SW liq c

### Anti-static agents

Elfugin® AKT liq

### Coating

Appretan® EM PE

Appretan® MB Extra.FR liq

Appretan® N 92100 TR

Appretan® N 96101.TR

Appretan® N 96131.TR

Appretan® N2509 liq

Appretan® N52281 liq

Appretan® N5657 liq

Appretan® NF liq

Appretan® S12314 Part A

Appretan® S12314 Part B

Appretan® S Emulsion RS

Appretan® S Emulsion TF

Appretan® S AP 602

### Crosslinking agents (crease & shrink resistant)

Arkofix® ELF liq c

Arkofix® NDF liq c

Arkofix® NDK liq

Arkofix® NDL liq c

Arkofix® NEC Plus liq c

Arkofix® NES liq c

Arkofix® NETLF liq c

Arkofix® NZF New liq

Arkofix® NZK liq

Arkofix® NZKM Liq

Catalyst NKB liq

Catalyst NKC.CN liq

Catalyst NKD liq

Catalyst NKS liq

## Crosslinker for soil and water repellents

Arkophob® DAN new liq

## Fiber stabilizer and anti yellowing

Umidol® APY liq

Umidol® PAT liq

Umidol® UW.CN p

## Flame retardants

Pekoflam® ECO liq

Pekoflam® HSD liq

Pekoflam® MSP liq

Pekoflam® OP liq

Pekoflam® PES.CN liq c

Pekoflam® SYN liq

Pekoflam® TC305 p

Pekoflam® THA liq

## Fluorine-free water repellent

Arkophob® 2150 liq

Arkophob® FFR liq

Cerol® EX liq

Smartrepel Hydro CMD liq

Smartrepel Hydro PM liq

## Moisture management agents

Hydroperm® HV liq

Hydroperm® RPU New liq c

Hydroperm® SRHA liq

## Softeners

Cepreton UA pa

Cepreton UC New P

Cepreton UH p

Cepreton UN. P

Ceralube® AKT. liq conc

Ceralube® ET liq

Ceralube® JW liq

Ceralube® NVJ liq

Ceralube® PHD liq c

Ceralube® SVN ip liq 133

Ceralube® SVN liq

Ceranine® HDP.CN liq

Ceranine® VR pa

Ceranine® VRE Mod pa

Ceraperm® SAP liq

Ceraperm® SFC liq

Destofil® LC liq

Solusoft® ACN liq

Solusoft® FE liq

Solusoft® KZP liq

Solusoft® MSJ liq

Solusoft® MW liq c

Solusoft® NMW liq c

Solusoft® NUP liq

Solusoft® SE1 Oil liq

Solusoft® SIH liq

Solusoft® TOW liq c

Solusoft® UP liq

Solusoft® UP liq hc

Solusoft® WA liq

## **Soil and water repellents (C6)**

Nuva® N2114 liq

Nuva® N2116 liq

Nuva® N4118 liq

Nuva® N6336 liq

## **Specialties**

Fluowet® STAB solid

Fluowet® UD liq

Lanaperm VPO p

Leomin® AFK gr hc

## **UV protection**

Rayosan® C pa

Rayosan® PES

Solegal® Cold CPUS liq

Solegal® Cold CWF liq

Solegal® Cold WF liq

## / PROCESS AUXILIARIES

### Fiber finish

Afilan® PNL liq      Afilan® PNL.IN liq      Afilan® POD liq

Afilan® PTU liq      Afilan® SF2-NPM liq      Afilan® SPC pa

Afilan® TXE liq      Afilan® V5743 liq      Afilan® ZS liq

Arkomon A pa c      Hostaphat FL340N liq      Hostaphat W327 pa

Leomin® AC80 liq      Leomin® AN liq      Leomin® FA liq

Leomin® LS-N liq      Leomin® OR liq      Leomin® PN pa

Leomin® PN60 pa      Locron® AZL46G      Locron® L liq

Locron® R liq      Locron® S fla

### Sizing

Arkofil® ACS gr      Arkofil® CEW gr      Arkofil® CMC20 gr

Arkofil® CMC300 gr      Arkofil® CS20.TR liq      Arkofil® DEN-FIX p

Arkofil® FVJ gr      Arkofil® G1 gr      Arkofil® MSV.ID 200 liq

Arkofil® MYC gr      Arkofil® PES gr      Arkofil® S60 p

Arkofil® STM gr      Leomin® WG pa      Trefix® HP pa

Trefix® MSW fla      Vinarol® DST gr      Vinarol® DT gr

Vinarol® ST gr      Vinarol® STH gr

## Pretreatment, all-in-one

Imerol® BLUE liq

Imerol® CC liq

Imerol® FLOW liq

## Pretreatment, continuous bioscouring

Optivator® HPE liq

## Pretreatment, enzymes

Bactosol® BP liq c

Bactosol® CA liq c

Bactosol® CNX liq c

Bactosol® MGT liq

Bactosol® MTN liq

Bactosol® PHC liq hc

Bactosol® SAP liq c

## Pretreatment, general

Sirrix® 8160 liq

Sirrix® NE liq

Sirrix® SB liq

Sirrix® TA liq

## Pretreatment, mercerizing

Mercerol® A liq

Mercerol® QWXL liq

## Pretreatment, sequestering

Sirrix® 2UD liq

Sirrix® Antox liq

## Pretreatment, stabilizers

Stabilizer FCB liq c

Stabilizer LTB liq

Stabilizer SIFA liq

Stabilizer SOF liq

## Pretreatment, wetting/washing

Hostapal® 2N liq

Hostapal® CDP liq c

Hostapal® EH liq

Hostapal® LFW liq c

Hostapal® MRN liq c

Hostapal® MRZ liq

Hostapal® MW liq

Hostapal® NAN liq

Hostapal® P800 p

Hostapal® UH liq

Imerol® JSF liq

Imerol® LTB liq

Imerol® PC liq

Imerol® PCJ liq

Imerol® PCLF liq

Imerol® XN liq

## Dyeing, continuous application

Dirsol MJ liq

Emigen® DPR liq

Emigen® DPR.ID liq 120

Leonil® D-AIR liq

Leonil® EHC liq c

Leonil® NP liq

Solidokoll® N liq

## Dyeing, crease inhibitors

Imacol® C liq c

Imacol® C2G liq

Imacol® C2G.IN liq

Imacol® C3G liq

Imacol® CN liq c

Imacol® MPE liq

Imacol® PAM liq

Imacol® S liq

Solidokoll® AC liq

## Dyeing, defoaming agents

Antimussol® HTS liq

Antimussol® SFE liq.

Antimussol® UDF liq

## Dyeing, fixing agents

Indosol® E50 liq

Indosol® E50-01.MX liq

Nylofixan® HF liq

Nylofixan® HF liq c

Nylofixan® HF.BR liq

Nylofixan® MF2N liq c

Nylofixan® P liq

Nylofixan® PM liq

Optifix® CLC liq

Optifix® EC liq

Optifix® EC liq c

Optifix® F liq

Optifix® RSL liq

Optifix® RSL liq c

Suparex O p

Suparex O.IN p

## Dyeing, leveling/dispersing agents

Drimagen® E2R liq

Drimagen® E3R liq

Eganal® DFT liq

Eganal® EDP liq

Eganal® GL.CN-S liq

Eganal® PS liq

Eganal® RAP liq

Humectol® C liq hc

Ladiquest® 1097.IN liq

Ladiquest® 1097N liq

Ladiquest® 2005 liq c

Lyocol® DOR Mod liq

Lyocol® O p

Lyocol® POD liq

Lyocol® PRDN liq

Lyocol® RDN liq

Lyogen® CN liq

Lyogen® NH liq

Lyogen® NH liq 80

Lyogen® P liq c

Lyogen® PA liq

Lyogen® PAE liq

Lyogen® PAE New

Lyogen® PAM liq

Lyogen® PAW liq

Lyogen® ULN liq

Lyogen® W liq

Lyogen® WAFN liq

Lyogen® WD liq

Solidegal® GL.IT liq

Suparex KD p

## Dyeing, pH regulators

Drimagen® ALKE.MX liq

Drimagen® Salt FD gr

Opticid® DSB liq

Opticid® PB liq

Opticid® PSD liq

Opticid® PSD liq c

Opticid® VAN liq c

Opticid® VS liq

Opticid® VS liq c

## Dyeing, specialities

Dilatin® POE liq	Humectol® ELS liq	Humectol® LYS liq
Lanalbin® APB liq	Lanalbin® B p	Lanasan® PW liq
Lyocol® BC liq	Lyocol® TGE liq	Lyogen® VN liq
Revatol® D-RN liq	Revatol® NS liq c	Revatol® S gr
Revatol® S p	Thiotan® MPW liq	Thiotan® R pa
Thiotan® RMFN liq	Thiotan® S liq	Thiotan® TR.US liq
Thiotan® TRN liq		

## Dyeing, UV Absorbers

Fadex® AS liq	Fadex® ECS liq	Fadex® F liq
Fadex® F liq c	Fadex® PA liq	

## Dyeing, washing off agents

Ekalin® F liq	Ladipur® DK liq	Ladipur® MCL liq
Ladipur® PES liq	Ladipur® R3C ip liq	Ladipur® R3C.MX ip liq
Ladipur® R3C.MX liq	Ladipur® R3CN liq conc	Ladipur® RSK liq
Ladipur® RSK liq c		

## **Printing binders & thickeners**

Polyprint L-2008 p

Printofix® Binder 83 New liq

Printofix® Binder MTB-01 liq

Printofix® Binder SFT liq

Printofix® Thickener CSN liq

Printofix® Thickener DS

Printofix® Thickener IK p

## **Printing chemicals**

Printofix® Fixing Agent SE liq

Printofix® Fixing Agent WB.01

Printofix® Softener H-P liq

Printofix® Softener SFT liq

Printofix® White CP pa

Printofix® White RT pa

Printogen® RM liq

Solar® Compound



[www.textiles.archroma.com](http://www.textiles.archroma.com)  
[textile.specialties@archroma.com](mailto:textile.specialties@archroma.com)

**ARCHROMA MANAGEMENT LLC**

Neuhofstrasse 11  
4153 Reinach  
Switzerland

**TEXTILE SPECIALTIES BUSINESS**

Archroma Singapore Pte Ltd  
1 International Business Park  
#06-01 The Synergy  
609917 Singapore

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