

**TEXTILE
SOLUTIONS.**

**INDUSTRY
SOLUTIONS.**

**SCIENCE & SERVICE
SOLUTIONS.**

CHT
SMART CHEMISTRY
WITH CHARACTER.

RECOMMENDATION LIST ZDHC

Edition December 17th, 2018

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INTRODUCTION

CHT Germany GmbH and CHT Switzerland AG commitment to the Zero Discharge of Hazardous Chemicals Manufacturing Restricted Substance List

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 (MRSL) for the apparel and footwear industry. The ZDHC MRSL 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 MRSL is a list of chemical substances subject to a usage ban, meaning that the MRSL-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 MRSL.

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

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

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 below 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 MRSL² (current version: December 2015, version 1.1) of ZDHC. To the best of our knowledge, none of these substances are intentionally generated during production.

This list currently does not cover the complete portfolio of the CHT Group worldwide but will be updated permanently or whenever the demands are changing or the product range is being expanded.

This confirmation is only valid for the MRSL version 1.1: December 2015.

¹ only individual substances are restricted (see MRSL), not the whole substance group
² <http://www.roadmaptozero.com/programme-documents.php>

INTRODUCTION

If you have any questions concerning the application and further technical details, please contact

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In case of questions or need of further information, please do not hesitate to contact us.

PRETREATMENT

2.1 ENZYMES

BEISOL AFG
EISOL LZV
BEISOL T 2090

BEISOL CC
BEISOL PRO

BEISOL HTS
BEISOL SED

2.2 SOURCING AUXILIARIES

SUBITOL AS 6

SUBITOL ASN

2.3 MERCERISING AND CAUSTICISING AGENT

SUBITOL HPM

SUBITOL MLF

2.4 SEQUESTRANTS

BEIXON NE
HEPTOL ESW

HEPTOL B 81 200%
HEPTOL KEB

HEPTOL EMG
HEPTOL NWS

2.5 WETTING AGENTS

FELOSAN HWR
SUBITOL SAN

SUBITOL LS-N
SUBITOL SAN NEU

SUBITOL RNC

2.6 WASHING AGENTS

FELOSAN
FELOSAN CPD
FELOSAN FOX
FELOSAN JET
FELOSAN NOF
FELOSAN RBT
FELOSAN RIZ
FELOSAN RNF
LAVOTAN DSU 100
LAVOTAN NN
LAVOTAN SE
LAVOTAN WAH 75

FELOSAN APF
FELOSAN ELA
FELOSAN HLD-N
FELOSAN NFG
FELOSAN NOG
FELOSAN RG
FELOSAN RIZ 20
FELOSAN VN
LAVOTAN DSU PEN
LAVOTAN RGA
LAVOTAN SE-C

FELOSAN BFG
FELOSAN FDO NEU
FELOSAN IFA
FELOSAN NKB
FELOSAN NSP
FELOSAN RG-N
FELOSAN RIZ 40
LAVOTAN DSU
LAVOTAN N 100
LAVOTAN RWS
LAVOTAN TBU

PRETREATMENT

2.7 STABILIZERS

CONTAVAN BRT
CONTAVAN GD-T
CONTAVAN TIG 50
CONTAVAN VAN-P
HEPTOL TIM

CONTAVAN DSA
CONTAVAN ICE
CONTAVAN TIM
CONTAVAN VES
VISCALIN CCP

CONTAVAN GAL
CONTAVAN TIG
CONTAVAN VAN
HEPTOL B 95
VISCALIN GFN

2.8 OPTICAL BRIGHTENERS

TUBOBLANC 2 B CONC
TUBOBLANC CRL
TUBOBLANC EBF
TUBOBLANC HA-D3
TUBOBLANC HM-PD
TUBOBLANC MA
TUBOBLANC PE-R
TUBOBLANC RBV
TUBOBLANC STU-B

TUBOBLANC BL
TUBOBLANC CRL-S3
TUBOBLANC ERN
TUBOBLANC HA-PD
TUBOBLANC HV
TUBOBLANC MA-D3
TUBOBLANC PT-B
TUBOBLANC RUB
TUBOBLANC VA

TUBOBLANC COL
TUBOBLANC DIK
TUBOBLANC HA
TUBOBLANC HA-S4
TUBOBLANC HV-S4
TUBOBLANC PE-L NEU
TUBOBLANC PT-O
TUBOBLANC STU
TUBOBLANC VA FL.

2.9 pH-BUFFERS

CHT-PUFFER FBA
NEUTRACID NCS
NEUTRACID WSG

CHT-PUFFER LBA
NEUTRACID NVM 200
TUBOBLANC STU

NEUTRACID ENA
NEUTRACID PAT

2.10 ANTIFOAMS AND DEAERATING AGENTS

KOLLASOL AD
KOLLASOL CDO
KOLLASOL HV
KOLLASOL LOK V1
KOLLASOL OC-RH
KOLLASOL ZIP

KOLLASOL CDA
KOLLASOL CDS
KOLLASOL IND
KOLLASOL OCE
KOLLASOL S 710 PE

KOLLASOL CD-BD
KOLLASOL EDS-N
KOLLASOL LOK
KOLLASOL OCN
KOLLASOL SD

2.11 OTHER AUXILIARIES

BEISOL PES
CHT-AKTIVATOR FBA
COTOBLANC DIP L-G
HEPTOL CSA
HEPTOL WZB
TUBOSET LVI
TUBOSET PAP
TUBOSET SPY
TUBOTEX OW

BEIXON ACID
CHT-AKTIVATOR LBA
FLUOREX DEL
HEPTOL NX HEPTOL ROE
TUBOSET DAP
TUBOSET NOX 300
TUBOSET SAM
TUBOTEX NCC
TUBOTEX PCA CONC.

BEIXON LIN-A
COTOBLANC ASN
HEPTOL 12 S
HEPTOL ORS
TUBOSET H2M
TUBOSET NPY
TUBOSET SML
TUBOTEX NCD
VARIO BLEACH 3E

DYEING AUXILIARIES

3.1 LEVELLING AGENTS FOR CEL

RETINOL M	SARABID AWD	SARABID C 12
SARABID DR RETINOL A	SARABID L	SARABID LAZ
SARABID LDR	SARABID MIP	SARABID MIP-G
SARABID OPTI	SARABID PF	SARABID SBF-N
SARABID VAT		

3.2 LEVELLING AGENTS & DYEING ACCELERATORS FOR SYNTHETIC FIBRES

CHT-DISPERGATOR S 270 DP	CHT-DISPERGATOR SMS HC	CHT-DISPERGATOR SMS-T
CHT-DISPERGATOR XHT	CHT-DISPERGATOR XHT-S	COLORCONTIN DS
EGASOL AMK	EGASOL MD	EGASOL UP
KERIOLAN A2N	KERIOLAN NWL	SARABID C 12
SARABID C 14	SARABID DLC	SARABID IPD
SARABID IPF	SARABID IPM	SARABID MKF-N
SARABID PAW	SARABID S 200 BF	SARABID SL
SARABID TS 300	SARAPOL BLU	SARAPOL DLN
TUBACRYL RI	TUBACRYL RV	TUBITEX WE

3.3 CREASE PREVENTION AGENTS

BIAVIN 109	BIAVIN BLI	BIAVIN BPA
BIAVIN DFG	BIAVIN HP-FV	BIAVIN PCV
BIAVIN S 220 PA	BIAVIN TCC	BIAVIN TUZ
VISCAVIN JET	VISCAVIN S 700	

3.4 pH-REGULATORS AND BUFFERS

BEICONTROL RD	MEROPAN BGF	MEROPAN CIT
MEROPAN CIT NEU	MEROPAN EF 200	MEROPAN KP
MEROPAN LS	NEUTRACID BO 45	NEUTRACID S 280 PS
Si-CONTROL KKV		

3.5 AFTERSOAPING AGENTS

COTOBLANC CSL 200 %	COTOBLANC FRO	COTOBLANC KRS
COTOBLANC KRS-M	COTOBLANC LNS	COTOBLANC NSR
COTOBLANC PCA	COTOBLANC PCS	COTOBLANC RS
COTOBLANC RS	COTOBLANC SE	COTOBLANC SEL
COTOBLANC SEL 200		

DYEING AUXILIARIES

3.6 ENZYMES

BEIZYM ACE
BEIZYM HC
BEIZYM URH

BEIZYM BPN
BEIZYM SPELL

BEIZYM BPN 300
BEIZYM UL

3.7 FASTNESS IMPROVEMENT

PRECAT 3005
REWIN CLE REVOFIX WET
REWIN DMT
REWIN HRT
REWIN OS
REWIN TN NEU

REWIN ACP
REWIN CV
REWIN DWR
REWIN IN 35
REWIN SRF
REWIN TRG

REWIN ACP 200%
REWIN DD
REWIN FSN
REWIN MRT
REWIN TN

3.8 AFTERTREATMENT AND RESERVING AGENTS FOR PA

PAFIX No1
REWIN KBL
REWIN KLS
REWIN KON

PAFIX No1 CONC
REWIN KF
REWIN KMB
REWIN KTE

REWIN GRA
REWIN KHT
REWIN KNR
REWIN KTE-D

3.9 AUXILIARIES FOR PADDING AND CONTINUOUS DYEING

COLORCONTIN AS 6
COLORCONTIN SAN

COLORCONTIN BDF
COLORCONTIN VGP

COLORCONTIN MCD
MIGRASOL SAP

3.10 OXIDIZING AND REDUCING AGENTS

MEROPAN LAT
MEROPAN XR GRANULAT
REDULIT F
REDULIT RED

MEROPAN OJ
MEROPAN XRN PEARLS
REDULIT GIN
REDULIT RED

MEROPAN RED
REDULIT EX
REDULIT NFS
SARABID KS

3.11 PEROXIDE DESTRUCTORS

CATALASE FDP CONC
CHT-CATALASE F

CHT-CATALASE BF
MEROPAN BRE

CHT-CATALASE CS

DYEING AUXILIARIES

3.12 SEQUESTRANTS AND DISPERSING AGENTS

BEIXON AB 200%
CHT-DISPERGATOR ORM
HEPTOL SF4
MEROPAN DA 200
SARABID 200 LL

BEIXON BCA
CHT-DISPERGATOR SMS
MEROPAN DA
MEROPAN DPE
SARABID DLO CONC

BEIXON Q
HEPTOL ANO
MEROPAN DA 200
MEROPAN NX
SARABID OL

3.13 OTHER DYEING AUXILIARIES

ARRISTAN BINDER CA
MEROPAN KWS
SARABID ORN-C

CT-BINDER
MEROPAN NF
SILKOBLANC BN

MEROPAN EW
REWILAN
WOLLPERMAN SA

3.14 CLEANING AGENT FOR MACHINES

INTENSOL MR

INTENSOL MR 150

INTENSOL OLI

REACTIVE DYES FOR DYEING AND PRINTING OF CELLULOSE FIBRES

4.1 BEZAKTIV V

BEZAKTIV Yellow V-5GL
BEZAKTIV Yellow V-R
BEZAKTIV Red V-BB 150
BEZAKTIV Red V-3B
BEZAKTIV Blue V-RN spec.
BEZAKTIV Turquoise V-G conc.
BEZAKTIV Navy V-2G 133
BEZAKTIV Black V-BD 133

BEZAKTIV Yellow V-GL 150
BEZAKTIV Yellow V-2R 150
BEZAKTIV Red V-RB 133
BEZAKTIV Bordeaux V-B
BEZAKTIV Blue V-RN 150
BEZAKTIV Green V-6B 175
BEZAKTIV Black V-RL 150
BEZAKTIV Black V-GRA

BEZAKTIV Yellow V-GR 133
BEZAKTIV Red V-GG
BEZAKTIV Red V-F3B
BEZAKTIV Violet V-5R
BEZAKTIV Blue V-2B 133
BEZAKTIV Brown V-GR
BEZAKTIV Black V-B 150

4.2 BEZAKTIV S / S-MAX

BEZAKTIV Yellow S-8GN
BEZAKTIV Yellow S-LF
BEZAKTIV Red S-GT 150
BEZAKTIV Red S-LF
BEZAKTIV Blue S-RN
BEZAKTIV Blue S-NX
BEZAKTIV Green S-4B 150
BEZAKTIV Navy S-2GL
BEZAKTIV Navy S-G
BEZAKTIV Black S-TAR

BEZAKTIV Yellow S-MAX
BEZAKTIV Orange S-RL 150
BEZAKTIV Red S-2B
BEZAKTIV Royal S-B
BEZAKTIV Blue S-FR 150
BEZAKTIV Blue S-GN 150
BEZAKTIV Brown S-5BR
BEZAKTIV Navy S-CR
BEZAKTIV Navy S-LF
BEZAKTIV Black S-NN 01

BEZAKTIV Yellow S-3R 150
BEZAKTIV Scarlet S-2GF 150
BEZAKTIV Red S-3B 150
BEZAKTIV Blue S-2G
BEZAKTIV Blue S-GLD 150
BEZAKTIV Turquoise S-BF 150
BEZAKTIV Navy S-3G 150
BEZAKTIV Navy S-BL
BEZAKTIV Black S-GR
BEZAKTIV Cosmos S-MAX

4.3 BEZAKTIV HE

BEZAKTIV Yellow HE-6G
BEZAKTIV Orange HE-R
BEZAKTIV Red HE-7B
BEZAKTIV Blue HE-GX 145

BEZAKTIV Yellow HE-4G
BEZAKTIV Red HE-3B
BEZAKTIV Turquoise HE-A
BEZAKTIV Navy HE-R 120

BEZAKTIV Yellow HE-4R
BEZAKTIV Scarlet HE-2G
BEZAKTIV Blue HE-RM 133

4.4 BEZAKTIV S-MATRIX

BEZAKTIV Yellow S-MATRIX 150 BEZAKTIV Red S-MATRIX 150 BEZAKTIV Blue S-MATRIX 150

4.5 BEZAKTIV HE-MATRIX

BEZAKTIV Yellow HE-MATRIX BEZAKTIV Red HE-MATRIX BEZAKTIV Navy HE-MATRIX

4.6 BEZAKTIV COSMOS S-C

BEZAKTIV COSMOS Yellow S-C BEZAKTIV COSMOS Golden Yellow S-C
BEZAKTIV COSMOS Gold S-C BEZAKTIV COSMOS Orange S-C
BEZAKTIV COSMOS Carmine S-C BEZAKTIV COSMOS Red S-C
BEZAKTIV COSMOS Blue S-C BEZAKTIV COSMOS Dark Blue S-C
BEZAKTIV COSMOS Navy S-C BEZAKTIV COSMOS Deep Navy S-C
BEZAKTIV COSMOS Black S-C

4.7 BEZAKTIV S-W

BEZAKTIV Yellow S-W BEZAKTIV Scarlet S-W BEZAKTIV Red S-W
BEZAKTIV Blue S-W BEZAKTIV Dark blue S-W BEZAKTIV Black S-W

4.8 BEZAKTIV FX

BEZAKTIV Yellow FX-7G BEZAKTIV Yellow FX-RR BEZAKTIV Yellow FX-CO
BEZAKTIV Yellow FX-NF BEZAKTIV Yellow FX-NF BEZAKTIV Orange FX-4G
BEZAKTIV Orange FX-RS BEZAKTIV Scarlet FX-2D BEZAKTIV Red FX-B
BEZAKTIV Red FX-LD BEZAKTIV Red FX-3D BEZAKTIV Red FX-DC
BEZAKTIV Bordeaux FX-2B BEZAKTIV Violet FX-3R BEZAKTIV Blue FX-RD
BEZAKTIV Blue FX-PB BEZAKTIV Blue FX-GG BEZAKTIV Blue FX-NN
BEZAKTIV Turquoise FX-2G BEZAKTIV Brown FX-R BEZAKTIV Brown FX-4R
BEZAKTIV Grey FX-N 150 BEZAKTIV Dark Blue FX-5L BEZAKTIV Dark Blue FX-WF
BEZAKTIV Navy FX-BR BEZAKTIV Navy FX-DN BEZAKTIV Black FX-SM
BEZAKTIV Black FX-ND BEZAKTIV Black FX-5F

4.9 BEZAKTIV HP

BEZAKTIV Yellow HP-C
BEZAKTIV Red HP-BL
BEZAKTIV Dark Blue HP-W
BEZAKTIV Grey HP-N

BEZAKTIV Yellow HP-NP
BEZAKTIV Red HP-3B
BEZAKTIV Olive HP-B

BEZAKTIV Brilliant Red HP-G
BEZAKTIV Blue HP-R
BEZAKTIV Brown HP-5R

4.10 BEZAKTIV GO / ZERO GO

BEZAKTIV Golden Yellow GO
BEZAKTIV Red GO
BEZAKTIV Navy GO

BEZAKTIV Orange GO
BEZAKTIV Blue GO
BEZAKTIV Black GO

BEZAKTIV Scarlet GO
BEZAKTIV Dark Blue GO
BEZAKTIV Velvet Black GO

BEZAKTIV ZERO Orange GO
BEZAKTIV ZERO Black GO

BEZAKTIV ZERO Scarlet GO

BEZAKTIV ZERO Navy GO

REACTIVE DYES FOR DYEING OF WOOL FIBRES

5.1 BEZAKTIV WO

BEZAKTIV Yellow WO-4G
BEZAKTIV Scarlet WO-2G
BEZAKTIV Red WO-BB
BEZAKTIV Blue WO-2R
BEZAKTIV Blue WO-3G
BEZAKTIV Navy WO-TF

BEZAKTIV Yellow WO-4R
BEZAKTIV Red WO-6G
BEZAKTIV Red WO-B
BEZAKTIV Blue WO-3R
BEZAKTIV Navy WO-BT
BEZAKTIV Black WO-RS

BEZAKTIV Orange WO-R
BEZAKTIV Red WO-RS
BEZAKTIV Red WO-5B
BEZAKTIV Blue WO-DB
BEZAKTIV Navy WO-X
BEZAKTIV Black WO-X

ACID DYES FOR WOOL AND PA FIBRES

6.1 BEMACID E / BEMACID E-TL

BEMACID Luminous Yellow E-B
BEMACID Yellow E-5R
BEMACID Red E-T2B
BEMACID Blue E-T4R

BEMACID Yellow E-4G
BEMACID Luminous Red E-B
BEMACID Red E-3BS
BEMACID Blue E-G

BEMACID Yellow E-T3R
BEMACID Red E-KRL
BEMACID Blue E-2R
BEMACID Blue E-3GC

BEMACID Yellow E-TL 01

BEMACID Red E-TL

BEMACID Blue E-TL

6.2 BEMACID N / BEMACID N-TF

BEMACID Yellow N-2G
BEMACID Bordeaux N-BL
BEMACID Black N-TMF

BEMACID Orange N-BG
BEMACID Blue N-5GL

BEMACID Rubine N-5B
BEMACID Navy N-5R

BEMACID Yellow N-TF

BEMACID Red N-TF

BEMACID Blue N-TF

6.3 BEMACID F

BEMACID Yellow F-G
BEMACID Scarlet F-3G
BEMACID Red F-4B
BEMACID Blue F-2R
BEMACID Turquoise F-G
BEMACID Black F-WL

BEMACID Yellow F-RN
BEMACID Red F-GS
BEMACID Red F-LE
BEMACID Blue F-2G
BEMACID Green F-VS

BEMACID Orange F-GR
BEMACID Red F-B
BEMACID Violet F-B
BEMACID Blue F-BL
BEMACID Green F-2B

1:2 METAL COMPLEX DYES FOR DYEING OF PA FIBRES

7.1 BEMAPLEX N

BEMAPLEX Yellow N-RN
BEMAPLEX Bordeaux N-GT

BEMAPLEX Yellow N-BR
BEMAPLEX Grey N-BL

BEMAPLEX Yellow N-2RD
BEMAPLEX Black N-RLD

7.2 BEMAPLEX M / BEMAPLEX M-T

BEMAPLEX Black M-2B

BEMAPLEX Black M-LB

BEMAPLEX Yellow M-T

BEMAPLEX Red M-T

BEMAPLEX Navy M-T

7.3 BEMAPLEX D

BEMAPLEX Yellow D-4R
BEMAPLEX Rubine D-B
BEMAPLEX Green D-3B
BEMAPLEX Brown D-BD
BEMAPLEX Black D-HF

BEMAPLEX Orange D-R
BEMAPLEX Blue D-8G
BEMAPLEX Olive D-GL
BEMAPLEX Black D-R

BEMAPLEX Scarlet D-G
BEMAPLEX Navy D-RD
BEMAPLEX Brown D-2R
BEMAPLEX Black D-TR

VAT DYES FOR DYEING OF CELLULOSE FIBRES

8.1 BEZATHREN

BEZATHREN Yellow 5GF
BEZATHREN Golden Yellow RK
BEZATHREN Orange RRTS
BEZATHREN Red LGN
BEZATHREN Red F3B
BEZATHREN Violet B
BEZATHREN Blue RS
BEZATHREN Dark Blue BOA
BEZATHREN Navy GN
BEZATHREN Olive Green B
BEZATHREN Brown G
BEZATHREN Olive R
BEZATHREN Grey CL
BEZATHREN Black RB
BEZATHREN Black SG

BEZATHREN Yellow GC
BEZATHREN Golden Orange 3G
BEZATHREN Orange GR
BEZATHREN Scarlet GG
BEZATHREN Bordeaux RR
BEZATHREN Violet 3B
BEZATHREN Blue BC
BEZATHREN Dark Blue DB
BEZATHREN Green FFB
BEZATHREN Olive Green MW
BEZATHREN Brown R
BEZATHREN Olive T
BEZATHREN Grey CB
BEZATHREN Black R
BEZATHREN Black BB

BEZATHREN Yellow F3GC
BEZATHREN Yellow 3RT
BEZATHREN Red LGG
BEZATHREN Scarlet EFR
BEZATHREN Rubine R
BEZATHREN Blue RCL
BEZATHREN Blue CLF
BEZATHREN Dark Blue 3B
BEZATHREN Green CF
BEZATHREN Brown LBG
BEZATHREN Brown BR
BEZATHREN Grey RBN
BEZATHREN Grey MIR
BEZATHREN Black RI

DIRECT DYES FOR DYEING OF CELLULOSE FIBRES

9.1 TUBANTIN

TUBANTIN Yellow 2G
TUBANTIN Scarlet 4G
TUBANTIN Bordeaux 2BL conc.
TUBANTIN Violet BL 200
TUBANTIN Blue GLL
TUBANTIN Dark Blue R
TUBANTIN Green BL h.c.
TUBANTIN Brown LR
TUBANTIN Black G conc.
TUBANTIN Black RD

TUBANTIN Yellow GR
TUBANTIN Red F3B conc.
TUBANTIN Bordeaux 3BL
TUBANTIN Blue 3G
TUBANTIN Blue BRR h.c.
TUBANTIN Turquoise GL 200
TUBANTIN Brown GGL
TUBANTIN Grey 4GL
TUBANTIN Black VSF 600
TUBANTIN Black FR 900

TUBANTIN Orange GGLN 200
TUBANTIN Red BWS
TUBANTIN Pink 2B
TUBANTIN Blue 2RL 200
TUBANTIN Blue FGL
TUBANTIN Turquoise FBL conc.
TUBANTIN Brown BL
TUBANTIN Grey CGLL conc.
TUBANTIN Black VSF 1200

DISPERSE DYES

10.1. DISPERSE DYES FOR PES FIBRES

10.1.1 BEMACRON S

BEMACRON Yellow S-6GF
BEMACRON Orange S-G
BEMACRON Rubine S-2GFL
BEMACRON Blue S-BGL
BEMACRON Navy S-2GL
BEMACRON Black S-TL

BEMACRON Yellow S-4G
BEMACRON Scarlet S-GFL
BEMACRON Violet S-3RL
BEMACRON Blue S-BB
BEMACRON Navy S-3L

BEMACRON Yell. Brown S-2RFL
BEMACRON Scarlet S-BWFL
BEMACRON Violet S-BLF
BEMACRON Turquoise S-GF
BEMACRON Black S-3L

10.1.2 BEMACRON SE

BEMACRON Yellow SE-RDL
BEMACRON Red SE-RDL
BEMACRON Red SE-3B
BEMACRON Navy SE-MR

BEMACRON Yellow SE-LF
BEMACRON Pink SE-REL
BEMACRON Blue SE-LF
BEMACRON Black SE-MR

BEMACRON Red SE-4G
BEMACRON Red SE-LF
BEMACRON Blue SE-RDL
BEMACRON Black SE-RD2R

10.1.3 BEMACRON E

BEMACRON Yellow E-3GL
BEMACRON Black E-RD

BEMACRON Red E-FBL

BEMACRON Blue E-FBL

10.1.4 BEMACRON SMART EE

BEMACRON SMART Yellow EE
BEMACRON SMART Blue EE

BEMACRON SMART Orange EE
BEMACRON SMART Navy EE

BEMACRON SMART Red EE
BEMACRON SMART Black EE

10.1.5 BEMACRON RS

BEMACRON Yellow RS
BEMACRON Red RS
BEMACRON Royal RS
BEMACRON Black RS

BEMACRON Golden Yellow RS
BEMACRON Carmine RS
BEMACRON Blue RS

BEMACRON Golden Orange RS
BEMACRON Rubine RS
BEMACRON Navy RS

10.1.6 BEMACRON HP

BEMACRON Citron HP-2G
BEMACRON Orange HP-3B
BEMACRON Red HP-2BL
BEMACRON Rubine HP-3B
BEMACRON Cyan HP-G
BEMACRON Black HP-LP

BEMACRON Yellow HP-G
BEMACRON Carmine HP-2G
BEMACRON Red HP-SR
BEMACRON Royal HP-RD
BEMACRON Navy HP-RT

BEMACRON Yellow HP-2R
BEMACRON Red HP-B
BEMACRON Red HP-BS
BEMACRON Blue HP-3R
BEMACRON Black HP-RT

10.1.7 BEMACRON HP-LTD

BEMACRON Yellow HP-LTD 01
BEMACRON Rubine HP-LTD 01
BEMACRON Dark Blue HP-LTD 01

BEMACRON Orange HP-LTD 01
BEMACRON Blue HP-LTD

BEMACRON Red HP-LTD 01
BEMACRON Black HP-LTD

10.1.8 BEMACRON SEL

BEMACRON Luminous Yellow SEL-EN
BEMACRON Luminous Orange SEL-EN
BEMACRON Luminous Red SEL-4B

BEMACRON Luminous Yellow SEL-8G
BEMACRON Luminous Red SEL-G

DISPERSE DYES FOR ACETAT FIBRES

10.2.1 BEMACRON CA

BEMACRON Yellow CA
BEMACRON Blue CA

BEMACRON Orange CA
BEMACRON Navy CA

BEMACRON Red CA
BEMACRON Black CA 01

CATIONIC DYES FOR DYEING OF PAN FIBRES

11.1 BEZACRYL

BEZACRYL Flavin 10GFF
BEZACRYL Brilliant Red 4G
BEZACRYL Brilliant Violet 3RN
BEZACRYL Blue BG 200

BEZACRYL Yellow 3GS
BEZACRYL Red GTL 200
BEZACRYL Blue GRL 300
BEZACRYL Black FBL 300

BEZACRYL Gold. Yellow GL 200
BEZACRYL Red GRL 180
BEZACRYL Blue FBS
BEZACRYL Black FDL 200

FINISHING AUXILIARIES

12.1 SOFTENERS

POLYAVIN COP
TUBINGAL 220 NEU
TUBINGAL KRE
TUBINGAL RRW

POLYAVIN PEN
TUBINGAL BTN
TUBINGAL PURE

TUBINGAL 220
TUBINGAL CSO
TUBINGAL RNJ

12.2 SILICONE SOFTENERS

ARRISTAN 201	ARRISTAN 45	ARRISTAN 64
ARRISTAN 66	ARRISTAN 66 CONC.	ARRISTAN 71
ARRISTAN 71 CONC	TUBINGAL 2270	TUBINGAL 3S
TUBINGAL 9270	TUBINGAL FAM	TUBINGAL FMH
TUBINGAL FSP	TUBINGAL GSI	TUBINGAL HWS CONC
TUBINGAL ISP	TUBINGAL NZR	TUBINGAL OHS
TUBINGAL RGH	TUBINGAL SCS	TUBINGAL SMF
TUBINGAL VWS	TUBINGAL WET	

12.3 SILICONE COMPOUND SOFTENERS

TUBINGAL 1888	TUBINGAL 20D	TUBINGAL 2221
TUBINGAL ACE	TUBINGAL ACE CONC	TUBINGAL GHM
TUBINGAL HWS	TUBINGAL RGS	TUBINGAL RMG
TUBINGAL RSK	TUBINGAL RTC	TUBINGAL TOP

12.4 SOFTENER CONCENTRATES

NOVAMID R 141	NOVAMID S 163	TUBINGAL 1291
TUBINGAL 2285	TUBINGAL 3030	TUBINGAL 4748
TUBINGAL 5010	TUBINGAL 7023	

12.5 EASY CARE FINISHING AGENTS AND CATALYSTS

CHT-CATALYST FS	CHT-KATALYSATOR ABT	CHT-KATALYSATOR BFM
CHT-KATALYSATOR FS	KATALYSATOR CF	REAKNITT BC
REAKNITT B-FA	REAKNITT CCP	REAKNITT CF
REAKNITT FF	REAKNITT KATALYSATOR GA	REAKNITT MFA
REAKNITT TIO	REAKNITT ZF	

12.6 HANDLE MODIFIER

ARRISTAN AC 54 FF	ARRISTAN ACS	ARRISTAN CPU
ARRISTAN EPD	ARRISTAN GH	ARRISTAN GW
ARRISTAN HM	ARRISTAN NIO	ARRISTAN PEB
ARRISTAN PMD	ARRISTAN RPD FL.	ARRISTAN SAC 10 FF
ARRISTAN VAC 3145 FF	ARRISTAN WT	NORAPPRET ABL

12.7 SEWING THREAD LUBRICANTS

HANSA LUB L 4060	NORAPPRET LVT	POLYAVIN 95 FHU
POLYAVIN ANG 35	POLYAVIN BOND	POLYAVIN COLD
POLYAVIN GAP	POLYAVIN HCL 40	POLYAVIN HE
POLYAVIN HELP	POLYAVIN HELP TEX	POLYAVIN LP POLYAVIN 3000
POLYAVIN LT COLD	POLYAVIN LUSTRAFFIN EX-2	POLYAVIN TEX
POLYAVIN UFP	POLYAVIN VP 61	POLYAVIN VP 97 CSC

12.8 YARN LUBRICANTS

LUSTRAFFIN A 66
LUSTRAFFIN BO
LUSTRAFFIN LF CONC
LUSTRAFFIN SA 88
TUBINGAL BA

LUSTRAFFIN AS
LUSTRAFFIN CC
LUSTRAFFIN LPA NEU
LUSTRAFFIN SIL

LUSTRAFFIN BA
LUSTRAFFIN DBL
LUSTRAFFIN RTK
LUSTRAFFIN SL

12.9 ANTISTATIC AGENTS

AVISTAT 3 P
AVISTAT G 100

AVISTAT AZ
AVISTAT GPA

AVISTAT AZ NEU

12.10 ANTIFOAMS

CHT-ENTSCHÄUMER FO
CHT-ENTSCHÄUMER MI 2000

CHT-ENTSCHÄUMER K 50
CHT-ENTSCHÄUMER SI

CHT-ENTSCHÄUMER MI
HANSA AFE 5650

12.11 OTHER FINISHING AGENTS

ARRISTAN AIR
BEMATIN PER 40
FLEXOFIX FL.
iSys ZNP
NouWell RLX
NouWell SPW

ARRISTAN HPA
CHT-FASERSCHUTZ RPY SPEZ
iSys AG
NOUWELL CDL
NouWell SCA
PESOFIX WM

ARRISTAN HPC
FLEXOFIX A 30
iSys MTX
NouWell E
NouWell SPA

FIBRE ADDITIVES

13.1 SPINNING LUBRICANTS FOR POLYESTER

DURON 1105 PE
DURON 7024
DURON EF 2215
DURON ES 3176
DURON ES 3201
DURON FF 3185
DURON K 3168
DURON NV 7
HANSA PP3

DURON 1105 PE 35% VP
DURON AF 2170
DURON ES 3151
DURON ES 3184
DURON FF 1995
DURON FF 3190
DURON NV 12
DURON PP 3

DURON 14
DURON EF 2170
DURON ES 3165
DURON ES 3188
DURON FF 2084
DURON FF 3204
DURON NV 2
DURON X 730

13.2 SPINNING LUBRICANTS FOR POLYOLEFINE FILAMENTS

DURON OF 1812/80
DURON OF 2168
DURON OF 2202
DURON OF 2236
DURON OF 3184
DURON OF 3217
DURON OF 4066

DURON OF 1851
DURON OF 2173
DURON OF 2224
DURON OF 2268
DURON OF 3201
DURON OF 4013
DURON TX 2080

DURON OF 1882
DURON OF 2199
DURON OF 2230
DURON OF 3174
DURON OF 3206
DURON OF 4048

13.3 SPINNING LUBRICANTS FOR POLYOLEFINE STAPLE FIBRES

AVISTAT 3 P	DURON 1105 PE	DURON K 3168
DURON OF 1510	DURON OF 2810	DURON OF 3850
DURON OF 4012	DURON OS 1547	DURON OS 1547-AV
DURON OS 1547-LA	DURON OS 2206	DURON OS 2221
DURON OS 3034	DURON OS 3136	DURON OS 3151
DURON OS 3165	DURON OS 3176	DURON OS 3188
DURON OS 4022		

13.4 SPINNING LUBRICANTS FOR POLYAMIDE

DURON 1105 PE	DURON 14	DURON 7024
DURON 7024/50%	DURON AF 1882	DURON AF 2170
DURON AF 2215	DURON AF 3192	DURON AS 1711
DURON AS 3221	DURON ASE 7620	DURON K 2088
DURON NV 12	DURON SP 1025	

13.5 LUBRICANTS FOR YARN PRODUCTION

DURON 7024	DURON 85	DURON AC
DURON HK 1040	DURON KG 1010	DURON KG 1710
DURON KG 2450	DURON KG 3010	DURON KG 6001
DURON NV 12	DURON NV 2	DURON NV 7
DURON P 1	DURON SG 2420	DURON SI
DURON TX 2083	DURON VWS	SILIC
VITAGON RS 20		

13.6 CONING OILS

DURON TX 2080	DURON TX 4015	DURON TX 4073
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13.7 SPINNING LUBRICANTS FOR POLYOLEFINE TAPE

DURON 178	DURON AF 1210-2	DURON OF 2148
DURON OF 3206	DURON OF 3223	DURON OF 4004
DURON OF 4031	DURON OF 4035	

13.8 SPINNING LUBRICANTS FOR POLYOLEFINE SPUNBOND

DURON 7024	DURON NV 15	DURON OF 1547
DURON OF 1547-AV	DURON OF 1547-LA	DURON OF 4012
DURON OF 4012 BOT	DURON OS 4012	DURON SL 2206
DURON SL 2221	DURON SL 3204	DURON SL 3211
DURON SL 3214	DURON SL 4035	DURON SL 4048
DURON SL 4069	DURON SL 4077 CH	

13.9 OTHER FIBRE ADDITIVES

AVISTAT 222
DURON 2310
DURON K 3184
DURON TX 2083
HANSA ASE 8645 Z1
VERSATINT ROT

DURON 103
DURON CF 2145
DURON K 4054
DURON WARP WAX 109
VERSATINT GELB

DURON 1102/P
DURON CF 7620
DURON K 4076
HANSA AFE 5711
VERSATINT GRÜN

COATING

14.1 DISPERSIONS / BINDERS

TUBICOAT A 12 E
TUBICOAT A 22
TUBICOAT A 28
TUBICOAT A 41
TUBICOAT A 94
TUBICOAT CH 5087 FF
TUBICOAT H
TUBICOAT PU 60
TUBICOAT PUS
TUBICOAT PU-VH NEU
TUBICOAT SC FF
TUBICOAT WB 428

TUBICOAT A 17
TUBICOAT A 22 T
TUBICOAT A 36
TUBICOAT A 42
TUBICOAT AC 541 FF
TUBICOAT E 15
TUBICOAT PU 40 H
TUBICOAT PU 80
TUBICOAT PUS-BI
TUBICOAT PUW-S
TUBICOAT VA 10

TUBICOAT A 19
TUBICOAT A 23
TUBICOAT A 37
TUBICOAT A 9 NF
TUBICOAT B-H
TUBICOAT E 4
TUBICOAT PU 44 K
TUBICOAT PUH-BI
TUBICOAT PU-UV
TUBICOAT PW 14
TUBICOAT VA 530

14.2 THICKENING AGENTS

TUBICOAT ASD
TUBICOAT VERDICKER 17
TUBICOAT VERDICKER HEC

TUBICOAT HEC
TUBICOAT VERDICKER ASD
TUBICOAT VERDICKER LP

TUBICOAT VERD. PUR 41
TUBICOAT VERDICKER AUK
TUBICOAT VERDICKER PRA

14.3 ANTIFOAMS

TUBICOAT ENTSCHÄUMER BS
TUBICOAT ENTSCHÄUMER N 20

TUBICOAT ENTSCHÄUMER N

14.4 CROSSLINKING AND FIXING AGENTS

TUBICOAT FIX H26
TUBICOAT FIXIERER FA
TUBICOAT FIXIERER HT

TUBICOAT FIXIERER AZ
TUBICOAT FIXIERER FC

TUBICOAT FIXIERER BT
TUBICOAT FIXIERER H 24

14.5 COMPOUNDS FOR PASTE COATING

TUBICOAT DEP-PU
TUBICOAT LWM 37
TUBICOAT PERL A22-20
TUBICOAT PERL VC CONC.
TUBICOAT UCO
TUBICOAT WOT

TUBICOAT ITX
TUBICOAT MAF
TUBICOAT PERL APU-S
TUBICOAT RF-PU2
TUBICOAT VCP
TUBICOAT WOT-SC

TUBICOAT KB
TUBICOAT MG-R
TUBICOAT PERL PU SOFT
TUBICOAT SG-FM NEU
TUBICOAT WLI
TUBICOAT WX BASE

14.6 COMPOUNDS FOR FOAM COATING

TUBICOAT AIB 20
TUBICOAT BO-NB
TUBICOAT C1
TUBICOAT SA-M

TUBICOAT ARM
TUBICOAT BO-UR
TUBICOAT KLS-M

TUBICOAT BO-LS
TUBICOAT BO-W
TUBICOAT MP-D

14.7 FILMS / MEMBRANES / LAMINATING

LAMETHAN NKS-AF

TUBICOAT ASK

TUBICOAT PSA 1731

14.8 WATER / OIL REPELLENCE

ECOPERL 1
ECOPERL BOOST
TUBICOAT ZP NEU

ECOPERL 4
ECOPERL HC
zeroF 1

ECOPERL ACTIVE
ECOPERL ZP

14.9 OTHER COATING AUXILIARIES

TUBICOAT DW-FI
TUBICOAT HOP-S
TUBICOAT WBH 36
TUBICOAT WEISS EU

TUBICOAT EMULGATOR HF
TUBICOAT MOP NEU
TUBICOAT WBV

TUBICOAT EMULGATOR R
TUBICOAT SI 55
TUBICOAT WEICHMACHER MV

TEXTILE PRINTING

15.1 DISPERSE THICKENER

PRISULON BOG 10
PRISULON T 10

PRISULON SPE 7000

PRISULON STAR

15.2 VAT THICKENER

PRISULON 1570

PRISULON 360 AS

TEXTILE PRINTING

15.3 REACTIVE THICKENER

CHT-ALGINAT HV 4
CHT-ALGINAT NV
CHT-ALGINAT P 10
CHT-ALGINAT V2
PRISULON CR-F 40
VISCALGIN HV

CHT-ALGINAT MV
CHT-ALGINAT NV 10
CHT-ALGINAT SMT
CHT-ALGINAT V3
PRISULON CR-F 50
VISCALGIN LV

CHT-ALGINAT MVU
CHT-ALGINAT NVS
CHT-ALGINAT V 9
CHT-ALGINAT VM 6
PRISULON RDA

15.4 UNIVERSAL THICKENER

PRISULON 530 R
PRISULON DCA 130 S
PRISULON RD 45-G

PRISULON CMS 10
PRISULON DCA 90

PRISULON DCA 1200 S
PRISULON R 5

15.5 CARPET THICKENER

PRISULON E 25 LS
PRISULON L 100 S

PRISULON GT 2003 M
TUBIVIS UNIQUE 432

PRISULON GTS 800
TUBIVIS UNIQUE 432 HD

15.6 CARPET AUXILIARIES

RAPIDOPRINT CSP

RAPIDOPRINT STRETCH

RAPIDOPRINT TB 2

15.7 OXIDIZING / REDUCING AGENTS

RAPIDOPRINT XR GRANULAT

TEXTILE PRINTING

15.8 PRINTING AUXILIARIES

ALPAPRINT ELASTIC ADD	ALPATEC 30050 A
ALPATEC 30050 B	ALPATEC 30191 TZ 10H B
ALPATEC 30203 ARAL A	ALPATEC 30203 ARAL B
ALPATEC 30203 TZ 10H A	ALPATEC 30203 TZ 10H B
ALPATEC 30203 TZ 10H B BLACK	ALPATEC 3040 LSR KOMP A
ALPATEC 3040 LSR KOMP B	ALPATEC 3060 LSR KOMP A
ALPATEC 3060 LSR KOMP B	ALPATEC 730
ALPATEC 740	ALPATEC 745 HK
ALPATEC 750	ALPATEC 761060 C2 HV
ALPATEC 97072 A	ALPATEC 97072 B
ALPATEC 97079 A	ALPATEC 97079 B
ALPATEC 97096 A	ALPATEC 97096 B
ALPATEC AM ADDITIVE	ALPATEC BANDAGE A
ALPATEC BANDAGE B	ALPATRANS BOND
MEROPAN XRN LIQ	PRINTOBLANC P 100
PRINTOBLANC P 300	RAPIDOPRINT CPA
RAPIDOPRINT HL	RAPIDOPRINT LM
RAPIDOPRINT RRE	RAPIDOPRINT S 440 PH
RAPIDOPRINT TM 2	RAPIDOPRINT W NEU
RAPIDOPRINT XRN PEARLS	TUBASSIST AF 237 W
TUBASSIST RTD 607 W	TUBIGAT A 80
TUBIGAT AR	TUBIGAT MCT
TUBIGAT MCT FF	TUBISOFT SEO
TUBISOFT SMP	

15.9 BLANKET ADHESIVES

PRINTPERFEKT STIC SP 2	PRINTPERFEKT STIC SP 5	TUBIGUM DK 15
TUBIGUM DK 7	TUBIGUM R 120	TUBIGUM RPA 130
TUBIGUM RPA FL.	TUBIGUM RPD FL.	TUBIGUM RS FLUESSIG
TUBIGUM Z 12		

15.10 PRINTING WASHING-OFF

PRINTOBLANC CPA NEU

15.11 PIGMENT THICKENERS

PRISULON CM 70	TUBIVIS DL 600	TUBIVIS DL 600
TUBIVIS DL 650	TUBIVIS DL 655	TUBIVIS DLO
TUBIVIS DRL 170	TUBIVIS STAR	

15.12 BINDERS

TUBIFAST ABN 10	TUBIFAST ABN 25	TUBIFAST AS 10
TUBIFAST AS 10	TUBIFAST AS 30	TUBIFAST AS 4010
TUBIFAST AS 4010 FF	TUBIFAST AS 4085 FF	TUBIFAST AS 4510
TUBIFAST AS 4510 FF	TUBIFAST AS 5087 FF	

TEXTILE PRINTING

15.13 FIXING AGENTS

TUBASSIST FIX 102 W
TUBIFIX ML 55

TUBASSIST FIX 104 W
TUBIFIX ML 55 KONZ.

TUBASSIST FIX 120 W
TUBIFIX P 70

15.14 Softeners

TUBISOFT PCE

TUBISOFT PS

TUBISOFT SEM

15.15 PIGMENT RHEOLOGICAL ADDITIVES

TUBIGAT R 130 NEU
TUBIGAT WAF 20 FF

TUBIGAT R 25

TUBIGAT WAF 20

15.16 FOAM PASTE

PRINTPERFEKT EX FF
TUBISCREEN EX-160-FF

PRINTPERFEKT EX-AR
TUBISCREEN EX-TS

TUBISCREEN EX 160 A

15.17 WHITE AND LAC PASTES

PREMATEX C 045 W
PRINTPERFEKT BLANC 670
PRINTPERFEKT BLANC LF
PRINTPERFEKT LAC 70
PRINTPERFEKT LAC BD
PRINTPERFEKT LAC LF
TUBILAC 115 A
TUBILAC 55 NF
TUBIPRINT WEISS 450 AV
TUBIPRINT WEISS 500 NF
TUBIPRINT WEISS K 80

PRINTPERFEKT AM 1
PRINTPERFEKT BLANC FF
PRINTPERFEKT BLOCK FF
PRINTPERFEKT LAC 77
PRINTPERFEKT LAC FF
PRINTPERFEKT WHITE 680
TUBILAC 115 FF
TUBIPRINT WEISS 435
TUBIPRINT WEISS 450 DV
TUBIPRINT WEISS HEL
TUBIPRINT WEISS K 90

PRINTPERFEKT AM 5
PRINTPERFEKT BLANC FLEX
PRINTPERFEKT LAC 110 NEU
PRINTPERFEKT LAC 77 FF
PRINTPERFEKT LAC FLEX
PRINTPERFEKT WHITE BD
TUBILAC 130
TUBIPRINT WEISS 445 LT
TUBIPRINT WEISS 500 AV
TUBIPRINT WEISS K 70

15.18 FOIL ADHESIVES

TRANSLAC BOND 55

TUBILUX TD 110

TUBILUX TD 90 NF

TEXTILE PRINTING

15.19 PIGMENT GLOSS PASTES

PRINTPERFEKT 237 GP
PRINTPERFEKT GD 270
TUBIPERL ME 115
TUBISCREEN GD 200
TUBISCREEN GD-BASIC
TUBISCREEN GD-G CONC GOLD
TUBISCREEN GD-SILVER
TUBISCREEN GOLD
TUBISCREEN SILVER

PRINTPERFEKT GD 200
PRINTPERFEKT GLOSS
TUBIPERL SILVER
TUBISCREEN GD 300
TUBISCREEN GD-G
TUBISCREEN GD-G CONC.
TUBISCREEN GL
TUBISCREEN MET

15.20 PIGMENT DISCHARGE PASTES

PRINTPERFEKT DC 8
TUBISCREEN DC 35 WEISS

PRINTPERFEKT DC 8 WHITE
TUBISCREEN DC-AGENT

TUBISCREEN DC 25
TUBISCREEN DC-W AGENT

15.21 SPECIAL PRINTING PROCESS AUXILIARIES

PADICOLL MV
PREMATEX C 040 L
PRINTPERFEKT 226 FF
PRINTPERFEKT CRACK BASE
RAPIDOPRINT CT 110
TRANSPRINT AF BASE
TRANSPRINT AF BLOCK
TRANSPRINT AF WHITE BI
TUBIJET COLORFAST P10
TUBIJET DU 02
TUBIJET PUS
TUBIJET VP COLORFAST P10
TUBISCREEN FAT 100
TUBISOFT 226
TUBIWALL C-226
TUBIWALL C-EX WG
TUBIWALL C-ME 200
TUBIWALL H-WAF 20

PADICOLL WI-B
PRINTPERFEKT 223
PRINTPERFEKT 226-3
PRINTPERFEKT CRACK PRE
RAPIDOPRINT MS 30
TRANSPRINT AF BASE BI
TRANSPRINT AF WHITE
TUBIJET BALANCE P15
TUBIJET DU 01
TUBIJET KSM
TUBIJET VN1
TUBIJET WET
TUBISCREEN INDIGO SPEC 100
TUBIWALL B-AS 10
TUBIWALL C-BLANC
TUBIWALL C-GD 300
TUBIWALL H-ML 55
TUBIWALL V-DRL 170

15.22 ANTIFOAMS AND DEAERATING AGENTS

CHT-ENTSCHÄUMER BSN

RAPIDOPRINT CT AF

RAPIDOPRINT SC 10

15.23 RUNNING IMPROVER

RAPIDOPRINT H 4
TUBIPRINT RETARDER

TUBIGAT A 60

TUBIPRINT BL

TEXTILE PRINTING

15.24 PIGMENT DYEING

PADICOLL CA-AF
PADICOLL PAD

PADICOLL DYE
PADICOLL PRO

PADICOLL ONE

15.25 SCREEN PRINTING INK

ALPAPRINT CAT
PRINTPERFEKT 226
PRINTPERFEKT CLEAR

ALPAPRINT CLEAR
PRINTPERFEKT 226 EC
PRINTPERFEKT CLEAR 680

ALPAPRINT WHITE
PRINTPERFEKT BASE F

15.26 SILICONE COMPOUND FOR COATING

ALPATEC 30142 A
ALPATEC 30143 A
ALPATEC 30191 A
ALPATEC 30203 A
ALPATEC 30340 A
ALPATEC 745
COLORMATCH SI 105 LEMON
COLORMATCH SI 185 ORANGE
COLORMATCH SI 225 DUNKELROT
COLORMATCH SI 305 BLAU
COLORMATCH SI 405 GRÜN
COLORMATCH SI 705 SCHWARZ

ALPATEC 30142 B
ALPATEC 30143 B
ALPATEC 30191 B
ALPATEC 30203 B
ALPATEC 30340 B
COLORMATCH SI 005 WEISS
COLORMATCH SI 115 GOLDGELB
COLORMATCH SI 215 ROT
COLORMATCH SI 285 VIOLET
COLORMATCH SI 355 MARINE
COLORMATCH SI 465 OLIVGRÜN

PIGMENT PRODUCTS FOR PRINTING

16.1 BEZAPRINT GOT / BEZAPRINT

BEZAPRINT Black BDC ³	BEZAPRINT Black DT ³	BEZAPRINT Black DW ³
BEZAPRINT Black GOT ³	BEZAPRINT Blue BN	BEZAPRINT Blue BT
BEZAPRINT Blue GOT	BEZAPRINT Blue RR	BEZAPRINT Blue RT ³
BEZAPRINT Blue RTM	BEZAPRINT Blue TB	BEZAPRINT Bordeaux K2R
BEZAPRINT Brown RP	BEZAPRINT Brown TM ³	BEZAPRINT Citron 10G
BEZAPRINT Citron GOT	BEZAPRINT Green 2B	BEZAPRINT Green BS
BEZAPRINT Green BT	BEZAPRINT Grey BB ³	BEZAPRINT Navy GOT
BEZAPRINT Navy RRM	BEZAPRINT Navy TR ³	BEZAPRINT Olive Green BT ³
BEZAPRINT Orange 2G ⁴	BEZAPRINT Orange GOT	BEZAPRINT Orange GT
BEZAPRINT Orange RG ⁴	BEZAPRINT Pink BW	BEZAPRINT Red 2BN
BEZAPRINT Red GOT	BEZAPRINT Red KF	BEZAPRINT Red KGC
BEZAPRINT Scarlet GRL	BEZAPRINT Scarlet RR	BEZAPRINT Turquoise GT
BEZAPRINT Violet FB	BEZAPRINT Violet R	BEZAPRINT Yellow 2GN
BEZAPRINT Yellow 3GT	BEZAPRINT Yellow 4RM ⁴	BEZAPRINT Yellow GOT
BEZAPRINT Yellow RR		

16.2 BEZAFLUOR

BEZAFLUOR Blue BB	BEZAFLUOR Green BT	BEZAFLUOR Orange R
BEZAFLUOR Pink BB	BEZAFLUOR Red R	BEZAFLUOR Violet BR
BEZAFLUOR Yellow BA		

16.3 COLORMATCH FL

CM FL 101 Yellow	CM FL 181 Orange	CM FL 201 Red
CM FL 241 Pink	CM FL 301 Blue	CM FL 401 Green

16.4 COLORMATCH

CM 102 Citron	CM 106 Yellow	CM 110 Golden Yellow
CM 180 Orange ³	CM 200 Scarlet	CM 210 Red
CM 221 Carmine	CM 222 Marsred	CM 225 Dark Red
CM 240 Pink	CM 250 Fuchsia	CM 280 Violet
CM 300 Blue	CM 350 Navy	CM 360 Denim ⁴
CM 380 Turquoise	CM 400 Green	CM 450 Light Green
CM 550 Brown	CM 700 Black ⁴	CM 740 Black ⁴

³ Contains Pigment Black 7. Please note that the combination of pigments containing Pigment Orange 13 and / or Pigment Orange 34 with pigments containing Pigment Black 7 is not recommended any more.

⁴ Contains Pigment Orange 13 and / or Pigment Orange 34. Please note that the combination of pigments containing Pigment Orange 13 and / or Pigment Orange 34 with pigments containing Pigment Black 7 is not recommended any more.

FLOCK FOR TEXTILE CLOTHING

17.1 FLOCK ADDITIVES

TUBASSIST SLV 5060 L
TUBVINYL 235 FF WHITE
TUBVINYL 631

TUBASSIST T 526 W
TUBVINYL 235 SL
TUBVINYL 650 L

TUBVINYL 235 FF
TUBVINYL 477 M

17.2 FLOCK ADHESIVES

TUBVINYL 235 MC
TUBVINYL 236 H
TUBVINYL 270 FF WHITE

TUBVINYL 235 MC WEISS
TUBVINYL 260 H

TUBVINYL 235 S
TUBVINYL 270 FF

17.3 FLOCK TRANSFER AUXILIARIES

TUBASSIST ELASTOMELT 90 F
TUBASSIST ELASTOMELT 90 G
TUBASSIST MELT F
TUBVINYL BOND
TUBVINYL BOND FF
TUBVINYL ELASTOBOND
TUBVINYL PRINT FF

TUBASSIST ELASTOMELT 90 FOB
TUBASSIST ELASTOMELT SI
TUBASSIST SOFTMELT
TUBVINYL BOND ES
TUBVINYL BOND FF WEISS
TUBVINYL NARS

SIZING ADHESIVES

18. SIZING ADHESIVES

TUBOFLEX PVA 80

TUBOMIX OCE

TUBOWAX NW 19

GARMENT AUXILIARIES

19.1 AMYLASES

BEISOL AFG-G

BEISOL LZV-G

BEISOL T 2090-G

19.2 CELLULASES

BEIZYM ACE-G
BEIZYM HC-G
BEIZYM NGS-SB
BEIZYM UL-G

BEIZYM BPN 300-G
BEIZYM LTN-G
BEIZYM SPELL-G
organIQ BIOPOWER

BEIZYM BPN-G
BEIZYM NGS
BEIZYM TOP PLUS

19.3 LACCASES

DENIMCOL LAC-LRE

19.4 ANTIBACKSTAINING WASHING & DISPERSING AGENTS

DENIMCOL CLEAN-ABD
DENIMCOL CLEAN-CUP
DENIMCOL CLEAN-SMX
DENIMCOL DIS-ESW
DENIMCOL DIS-NWS
DENIMCOL DIS-VD NEU
DENIMCOL WASH-DSU
DENIMCOL WASH-NOF
DENIMCOL WASH-RGN
DENIMCOL WASH-VW

DENIMCOL CLEAN-ABS NEU
DENIMCOL CLEAN-JWH
DENIMCOL DIS-200 LL
DENIMCOL DIS-KEB
DENIMCOL DIS-OL
DENIMCOL WASH-42
DENIMCOL WASH-FDO NEU
DENIMCOL WASH-P WHITE
DENIMCOL WASH-SE
DENIMCOL WASH-WN

DENIMCOL CLEAN-CSM
DENIMCOL CLEAN-JWP
DENIMCOL DIS-DPE
DENIMCOL DIS-MIP
DENIMCOL DIS-SMS
DENIMCOL WASH-CPD
DENIMCOL WASH-JET
DENIMCOL WASH-POO
DENIMCOL WASH-TBU
DENIMCOL WASH-WN

19.5 SOFTENERS

DENIMCOL SOFT RGH
DENIMCOL SOFT-2221
DENIMCOL SOFT-4748
DENIMCOL SOFT-66
DENIMCOL SOFT-DAI
DENIMCOL SOFT-KRE
DENIMCOL SOFT-OHS
DENIMCOL SOFT-RSK
DENIMCOL SOFT-VWS

DENIMCOL SOFT-220
DENIMCOL SOFT-2270
DENIMCOL SOFT-64
DENIMCOL SOFT-9270
DENIMCOL SOFT-HWS
DENIMCOL SOFT-KRE CONC
DENIMCOL SOFT-PEN
DENIMCOL SOFT-SI 70

DENIMCOL SOFT-220
DENIMCOL SOFT-47
DENIMCOL SOFT-66
DENIMCOL SOFT-CSS
DENIMCOL SOFT-ISP
DENIMCOL SOFT-MIC
DENIMCOL SOFT-RMG
DENIMCOL SOFT-SMF

GARMENT AUXILIARIES

19.6 RESIN FINISHING AGENTS

DENIMCOL RES CCP-T
DENIMCOL RES-FS
DENIMCOL RES-ZFA

DENIMCOL RES-ABT
DENIMCOL RES-TIO

DENIMCOL RES-CCP
DENIMCOL RES-ZF

19.7 AUXILIARIES FOR SPECIAL EFFECTS

DENIMCOL BINDER-FFA
DENIMCOL FIX-ICB CONC.
DENIMCOL SPEC VA 55
DENIMCOL SPEC-AF
DENIMCOL SPEC-BOND 55
DENIMCOL SPEC-CPU
DENIMCOL SPEC-CRACK2
DENIMCOL SPEC-DC25
DENIMCOL SPEC-EPD
DENIMCOL SPEC-FIX 104 W
DENIMCOL SPEC-FIX FC
DENIMCOL SPEC-FIX ML 55
DENIMCOL SPEC-FIX-HT
DENIMCOL SPEC-FTL
DENIMCOL SPEC-GD 300
DENIMCOL SPEC-GDX
DENIMCOL SPEC-GOLD-P
DENIMCOL SPEC-HP ECO
DENIMCOL SPEC-LAC 110
DENIMCOL SPEC-MGC
DENIMCOL SPEC-MS
DENIMCOL SPEC-PG
DENIMCOL SPEC-RPD
DENIMCOL SPEC-SUEDE
DENIMCOL SPEC-TWR
DENIMCOL SPEC-WEISS K 70
DENIMCOL SPEC-WOT

DENIMCOL BINDER-FFR
DENIMCOL SPEC-
DENIMCOL SPEC-226 FF
DENIMCOL SPEC-AS 30
DENIMCOL SPEC-BU
DENIMCOL SPEC-CRACK1
DENIMCOL SPEC-DAP
DENIMCOL SPEC-DCA
DENIMCOL SPEC-FAT 100
DENIMCOL SPEC-FIX 157 W
DENIMCOL SPEC-FIX H26
DENIMCOL SPEC-FIX W
DENIMCOL SPEC-FOAM
DENIMCOL SPEC-GD 200
DENIMCOL SPEC-GDG
DENIMCOL SPEC-GOLD
DENIMCOL SPEC-HEC
DENIMCOL SPEC-INDIGO
DENIMCOL SPEC-LUSTER
DENIMCOL SPEC-MGR
DENIMCOL SPEC-PERL
DENIMCOL SPEC-PUS
DENIMCOL SPEC-SP 80
DENIMCOL SPEC-TD 90
DENIMCOL SPEC-WEISS FLEX
DENIMCOL SPEC-WEISS K 90
zeroF 1

19.8 GARMENT DYE

DENIMCOL BINDER GF-C
DENIMCOL BLANC-HAS4
DENIMCOL FIX-3005
DENIMCOL FIX-CTK
DENIMCOL FIX-IN 35
DENIMCOL LEV-A
DENIMCOL LEV-M
DENIMCOL PCS
DENIMCOL XRN PEARLS

DENIMCOL BLANC-HA
DENIMCOL F
DENIMCOL FIX-ACP
DENIMCOL FIX-FSN
DENIMCOL FIX-MRT GS
DENIMCOL LEV-DLO CONC.
DENIMCOL LEV-PF
DENIMCOL SEL

DENIMCOL BLANC-HA D3
DENIMCOL FIX
DENIMCOL FIX-ACP 200 %
DENIMCOL FIX-GF
DENIMCOL FIX-OS
DENIMCOL LEV-LDR
DENIMCOL LEV-SBFN
DENIMCOL SEL 200

GARMENT AUXILIARIES

19.9 BLEACHING

BEIBLEACH WP 35
DENIMCOL BOOST CL
DENIMCOL NCD
organIQ BUFFER AO

DENIMCOL BLANC-COL
DENIMCOL BOOST PP
organIQ ASSIST

DENIMCOL BLEACH LTE
DENIMCOL GAL
organIQ BLEACH T

19.10 OTHER GARMENT AUXILIARIES

DENIMCOL AR
DENIMCOL BINDER-RE NEU
DENIMCOL BUFFER-NVM 200
DENIMCOL DIS-MR
DENIMCOL LUB-109
DENIMCOL LUB-DFG
DENIMCOL SD

DENIMCOL BINDER-CA
DENIMCOL BSN
DENIMCOL CDA
DENIMCOL HV
DENIMCOL LUB-BPA
DENIMCOL LUB-TCC
DENIMCOL VAN

DENIMCOL BINDER-PAC
DENIMCOL BUFFER-KP
DENIMCOL CDS
DENIMCOL LOK
DENIMCOL LUB-BPA GS
DENIMCOL PEX
organIQ NEUTRAL

OTHER

20.1 Other Auxiliaries

HANSA CARE 7140
KÖRAFORM TM
NOCAR WL
RECONDIT CH
TUBISOLV PFC
TUBIWASH NFG
TUBIWASH VP 01

HANSA SP 1025
KÖRASOLV GL
PEROCLIN FWG 401
TUBIFOAM KE 100
TUBIWASH GFN
TUBIWASH SKP
TUBIWET OCE

HANSA SP 1050
LUSTRAFFIN BU
RECONDIT 674
TUBIFOAM PET
TUBIWASH MEP
TUBIWASH TOP
TUBIWET RNF



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