

日華化学グループ - 有害化学物質排出ゼログループ「ZDHC」の 製造時使用制限物質リスト「MRSL」への取り組み - Ver. 2

日華化学グループは、繊維加工サプライチェーンの一員として責任ある行動をとることをお約束しており、環境パフォーマンスにつきましても継続的に改善に取り組んでおります。

大手アパレルブランドメーカー等で構成する有害化学物質排出ゼログループ「ZDHC」※1は、“製造時の使用を制限する有害な化学物質”を特定したリスト「MRSL」※2を作成し、2020年までにZDHCに加盟している企業のサプライチェーンから撤廃する方針を発表しております。

それに応じ弊社は、自社で生産・販売している繊維加工用薬剤を精査し、ZDHC MRSLを基準にNICCA Positiveリスト（以下、「本リスト」）を2015年9月Ver. 1より公開しております。本リストに記載している製品には、ZDHCのMRSLが指定している有害物質を意図的に添加しておりません。

本リストVer.2は2015年12月にリリースされたZDHC MRSL Version 1.1※3に対し、2016年5月6日現在における精査結果を反映しています。今後は、ZDHC MRSLが更新された場合や、弊社の対応製品の追加、廃品等により本リストを適宜更新してまいります。

また、本リストに記載している製品は一般販売品であり、ご使用されている製品が記載されていない場合は、弊社の営業担当にご確認ください。なお、製品により、生産リードタイムが異なるため、ご注文の際には必ず事前にお問い合わせください。

日華化学株式会社
執行役員 化学品部門 副部門長
佐谷 義寛
2016年 5月 19日

※1. ZDHC : Zero Discharge of Hazardous Chemicals, (有害化学物質排出ゼログループ)
adidas、BENETTON、BURBERRY、C&A、ESPRIT、G-STAR RAW、GAP、H&M、INDITEX、Jack Wolfskin、LEVI'S、Lbrands、LI-NING、M&S、NB、NIKE、PUMA、PVHなどが加盟しています。

※2. MRSL: Manufacturing Restricted Substances List, (製造時使用制限物質リスト)
ZDHC MRSLで制限している物質・物質グループは以下の通りです。(2015.12 Ver.1.1) :

- Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)
- Chlorobenzenes & Chlorotoluenes
- Chlorophenols
- Dyes – Azo (Forming Restricted Amines) ※4
- Dyes – Navy Blue Colorant
- Dyes – Carcinogenic or Equivalent Concern
- Dyes – Disperse (Sensitizing) ※4
- Flame Retardants ※4
- Glycols ※4
- Halogenated Solvents
- Organotin Compounds
- Polycyclic Aromatic Hydrocarbons (PAHs)
- Perfluorinated and Polyfluorinated Chemicals (PFCs) ※4
- Phthalates – including all other esters of ortho-phthalic acid
- Total Heavy Metals
- Volatile Organic Compounds (VOC) ※4

※3. ZDHC MRSL Version1.1の詳細はこちらをご覧ください。
http://www.roadmaptozero.com/fileadmin/pdf/MRSL_v1_1.pdf

※4. 物質群全体ではなく、当該物質群中の個別物質を制限しています。

1. Pre-treatment 精練

A-860
BH-320K
CROAKS NT
CROAKS PO
ESKUDO NEO-2E
ESKUDO NEO-3K
ESKUDO FZ
NEOCRYSTAL 150
NEOCRYSTAL 170
NEOCRYSTAL 300
NEOCRYSTAL AC-1000
NEOCRYSTAL CG-2200
NEOPROTON MAE
NEORATE CM-20K
NEORATE NA-30
NEORATE PH-150
NEORATE PH-55F
NEORATE PH-77F
NEORATE PH-950
NEORATE PL-3
NEORATE PLC-3000
NEORATE PLC-7000
NEORATE PLC-8800
NICCA SUNCLEANER AF
NICCA SUNCLEANER CAN-E
NICCA SUNCLEANER DE
NICCA SUNCLEANER V-9
PITCHRUN L-100
PITCHRUN L-135
PITCHRUN L-160
PITCHRUN L-250
PITCHRUN L-70
PITCHRUN PU-252
SUNMORL BH CONC F
SUNMORL BH-230
SUNMORL BH-75
SUNMORL BH-80
SUNMORL BK-57NM
SUNMORL BK-80N
SUNMORL BK-90NM
SUNMORL CS-300
SUNMORL DMC
SUNMORL HS-3
SUNMORL HS-5
SUNMORL HS-B
SUNMORL PU-206
SUNMORL SEN-10
SUNMORL WX-100
SUNMORL RC-TK2
WX-HC

2. Dyeing 染色

CROAKS PW
DISPATEX G
DISPATEX GP
E-3197
EM-101
ESKUDO FZ
ESKUDO NS-80
LIPOTOL B-12
LIPOTOL B-8
LIPOTOL BN

LIPOTOL ET-17
LIPOTOL RK-5
LIPOTOL SK
LIPOTOL TC-350
NEOFIX AF-100
NEOFIX CF-20
NEOFIX FY
NEOFIX R-800 CONC
NEOFIX RP-70
NEOFIX RP-70C
NEOFIX RX-202
NEOFIX RX-505
NEOFIX IR-77
NEOSTECKER PB-3
NEOTEX CA-5
NEOTEX CD-300KAE
NEOTEX PD-460
NEOTEX PD-50A
NEWBON D-100E
NEWBON E-1K
NEWBON MG-22
NEWBON NS-E
NEWBON SD-2N
NEWBON TS-400
NEWBON WS
NEWSOLVE EG
NICCA SUNSOLT 1200K
NICCA SUNSOLT 7000
NICCA SUNSOLT AL-200
NICCA SUNSOLT AN
NICCA SUNSOLT CH-4600
NICCA SUNSOLT CI-12
NICCA SUNSOLT KM-1E
NICCA SUNSOLT LS
NICCA SUNSOLT M3
NICCA SUNSOLT PA-85 CONC
NICCA SUNSOLT RE-5
NICCA SUNSOLT RM-3406
NICCA SUNSOLT RX-39
NICCA SUNSOLT SD-07E
NICCA SUNSOLT SN-130E
NICCA SUNSOLT SN-250E
NICCA SUNSOLT SN-550
NICCA SUNSOLT SN-558
NICCA SUNSOLT SN-570
NICCA SUNSOLT YK-1242E
RM-EXE
SUNFLOWREN SN
SUNLIFE E-37
SUNLIFE E-48
SUNLIFE EPS-3
SUNLIFE FW
SUNLIFE LP-240
SUNLIFE LPS-980N
SUNLIFE LPX-80
SUNLIFE TA-300
SUNLIFE TA-50K
SUNLIFE TN
SUNLIFE TN-8
SUNMORL 120
SUNMORL A-1
SUNMORL AN-3L
SUNMORL FL CONC

SUNMORL MC-2000
SUNMORL RC-110
SUNMORL RC-700E CONC
SUNRETARDER PN
TA SALT
TA-60
TEXPORT C-100
TEXPORT D-24
TEXPORT D-334E
TEXPORT D-5000
TEXPORT D-580E
TEXPORT D-600
TEXPORT D-670
TEXPORT DL-91E
TEXPORT DY-300F
TEXPORT FC
TEXPORT PEEL
TEXPORT SKY
TEXPORT SN-10
THK-30
VICSEN AG-25

3. Soften Finishing 柔軟材ゆが

AMIPOL AS-8
A-POLE AQ-88
A-POLE ES-500
FAMITON NC-12
GC-3000
GK-2000
LAN-2000
LIPO-OIL F-614
LIPO-OIL NK-32
LIPO-OIL NT-12
NICCA SILICONE AM-202
NICCA SILICONE AMC-900
NICCA SILICONE AMG-7
NICCA SILICONE AMZ
NICCA SILICONE AMZ-3
NICCA SILICONE AQ-77 HIGH CONC
NICCA SILICONE DM-100E
NICCA SILICONE EP-2010
NICCA SILICONE FK
NICCA SILICONE KFY-1
NICCA SILICONE N-154E
NK OIL CS-11
NK OIL CS-53
NK OIL WO-321
NK OIL WO-530
POLYSOFTER N-180L
SHEARLON AC
SHEARLON P-E
SUNSOFLON BX
SUNSOFLON PXP-709
SUNSOFLON TK-07
SUNSOFLON WP
SUNSOFTER A-603G2
SUNSOFTER A-700 CONC NEW
SUNSOFTER GACONC NEW

4. Water and Oil repellent
撥水撥油

DRYPON 600E
DRYPON Z-7
NEOSEED NR-90
NEOSEED NR-158
NEOSEED NR-200
NEOSEED NR-3000
NEOSEED NR-3050
NEOSEED NR-3100
NEOSEED NR-7000
NEOSEED NR-7000
NEOSEED NR-7100
NEOSEED NR-7500
NEOSEED NR-7500
NEOSEED SF-100
NEOSEED SF-200
NK GUARD S-0071
NK GUARD S-0100
NK GUARD S-05
NK GUARD S-0521
NK GUARD S-0543
NK GUARD S-0545
NK GUARD S-0546
NK GUARD S-0671
NK GUARD S-0672
NK GUARD S-07
NK GUARD S-09
NK GUARD S-11
NK GUARD S-1115
NK GUARD S-1130
NK GUARD S-22
NK GUARD S-33
NK GUARD S-55
NK GUARD S-750
NK GUARD S-80
NK GUARD SR-2020
NK GUARD SR-9020
NK GUARD SR-9030
TH-44

5. Flame retardant 難燃

NEOSTECKER HF-260
NEOSTECKER HF-705
NEOSTECKER HF-720AS
NEOSTECKER HF-722
NEOSTECKER NB-1500
NEOSTECKER NB-3700
NICCA FI-NONE CN-300
NICCA FINONE NB-880
NICCA FI-NONE HF-1120
NICCA FI-NONE HF-1130
NICCA FI-NONE HF-1180
NICCA FI-NONE HF-2200
NICCA FI-NONE HF-2300
NICCA FI-NONE HF-236GT
NICCA FI-NONE HF-68
NICCA FI-NONE HFT-3
NICCA FI-NONE HFT-7
NICCA FI-NONE NB-730
NICCA FI-NONE P-2050
NICCA FI-NONE P-207S
NICCA FI-NONE P-3
NICCA FINONE FR-6129

6. Functional finishing 機能加工剤

DEATRON N
DEATRON N-20
EVAFANOL AP-12
EVAFANOL APC-55
EVAFANOL N-20
EVAFANOL N-33
EVAFANOL N-40
EVAFANOL HO-38
EVAFANOL N-333
FOAMLEX 797
KASESOL ARH-1
KASESOL ARS-2
KASESOL AV-15
KASESOL ES-9
KIRAKURU DA-12

NEOSTECKER N
NEOSTECKER SI-50
NEOSTECKER V
NICCANON NS-30
NICCANON RB
NICCANON RB-360
NICEPOLE F-2000
NICEPOLE F-502
NICEPOLE FE-18
NICEPOLE FE-22
NICEPOLE FE-26
NICEPOLE FL
NICEPOLE KF-30
NICEPOLE NF-123
NICEPOLE PR-9000
NICEPOLE PR-99
NICEPOLE PRK-60
NICEPOLE PRN
NIKOSOLT 209
NIKOSOLT S-12
NK ASSIST FU
NK ASSIST IS-100N
NK ASSIST V
NK ASSIST NY-27
SUNMARINA S-713
SUNMARINA TS-155GT
TC-90
TEXPORT BG
TEXPORT BG-290
TEXPORT CF-90

1. Pre-treatment 精練

CROAKS N
NEOCRYSTAL 100
NEOCRYSTAL AC-1100
NEOCRYSTAL BC-265
NEOCRYSTAL CG-2000
NEOCRYSTAL O-1
NEORATE PH-150
PEAKLON 350
SUNCLEANER V-9S
SUNCLEANERV-9
SUNMORL AS-80
SUNMORL BL-420
SUNMORL HS-26
SUNMORL HS-811
SUNMORL SL
SUNMORL SP-915
SUNMORL SR-118
SUNMORL SR-80
SUNMORL SR-80 CONC
SUNMORL SR-99
SUNMORL WX-08
SUNMORL WX-08CONC
SUNMORL WX-24
SUNMORL WX-24LP
SUNMORL WX-35
SUNMORL WX-55
SUNMORL WX-66
SUNMORL WX-95

2. Dyeing 染色

CATALYST SL
CROAKS PW
D-735
E-1129
E-1861E
E-3197
GF-2
LIPOTOL B-1558 CONC
LIPOTOL B-30
LIPOTOL BN
LIPOTOL TC-300
LIPOTOL TC-300E
LIPOTOL TW-1000E
NC HIBITER ANY-2
NC HIBITER ANY-8
NEOCRYSTAL 220
NEOFIX AF-100
NEOFIX F
NEOFIX R-550
NEOTEX 511
NEOTEX PD-50A
NEWBON BR-1
NEWBON DT
NEWBON MG
NEWBON MG-E
NEWBON SA
NEWBON SA-E
NEWBON SD-1E
NEWBON TS-400
NEWBON TS-400A
NEWBON TS-400T
NEWSOLVE ES

NICCA HIBITER AN-Y
NICCA HIBITER S-1815
NICCA HIBITER S-3001
NICCA SUNSOLT LS
NICCA SUNSOLT RM-3406
NICCA SUNSOLT 7000NC
SUNFLOWREN SN
SUNLIFE E-1130
SUNLIFE E-1150
SUNLIFE E-37T
SUNLIFE E-90
SUNLIFE E-68
SUNLIFE FE-9106
SUNLIFE LP-180E
SUNLIFE LP-200DCL
SUNLIFE LP-200E
SUNLIFE LP-567
SUNLIFE LPS-980
SUNLIFE LPS-980N
SUNLIFE TN-35
SUNLIFE TN-042
SUNMORL 120
SUNMORL A-1
SUNMORL AN-3L
SUNMORL RC-700
SUNMORL RC-700E
SUNRESIST NR-100L
SUNRETARDER PN
SUNSOLT 1200
SUNSOLT 1200K
SUNSOLT 7000
SUNSOLT 7000CONC
SUNSOLT CI-12T
SUNSOLT H-50T-E
SUNSOLT LM-17E
SUNSOLT PA-85
SUNSOLT RM-340
SUNSOLT RM-340E
SUNSOLT RM-548
SUNSOLT RM-680
SUNSOLT RM-680E
SUNSOLT RM-801
SUNSOLT RM-802
SUNSOLT SPRH NEW-E
SUNSOLT YK-1242E
TEXPORT D-1133
TEXPORT D-1133E
TEXPORT D-255
TEXPORT D-255E
TEXPORT D-286
TEXPORT D-299
TEXPORT D-580E
TEXPORT DA-18
TEXPORT DA-9
TEXPORT DA-9B
TEXPORT DS-11
TEXPORT DY-300F
TEXPORT NXH-321
TEXPORT NXH-321S
TEXPORT PE-25
TEXPORT SKY
TEXPORT SN-10
TNK-58

3. Soften Finishing 柔軟剤/リソグ

A-318D
A-860
A-870
AMIPOL AS
AMIPOL S
LIPO OIL NT-16
LIPO-OIL NT-12
LIPO-OIL NT-630
NK OIL N-83
NK OIL OF-07
NK OIL TC-45
SHEARLON P-92
SHEARLON PT
SILICONE 206
SILICONE AM-123
SILICONE AM-202
SILICONE AM-610
SILICONE AM-620
SILICONE AMZ-3
SILICONE ATS-10
SILICONE HAM
SUNSOFLON B-28 NEW
SUNSOFLON BX
SUNSOFLON PXP-11T
SUNSOFLON TK-07

4. Water and Oil repellent

撥水撥油

DRYPON 600E
DRYPON Z-7
NEOSEED NR-158
NEOSEED NR-90
NK GUARD S-33
TH-44

5. Flame retardant 難燃

NICCA FI-NONE HF-2200
NICCA FI-NONE HFT-7
NICCA FI-NONE P-205

6. Functional finishing 機能加工剤

DEATRON N
EVAFANOL N-7
F-9005
FROTAGE FB-1000
KASESOL AV-30
KASESOL KF-128
NEOSTECKER CT-9093
NICEPOLE FE-18
NICEPOLE FE-26
NICEPOLE FLT
NICEPOLE PR-100
NICEPOLE PRS
NK ASSIST CI-02
NK ASSIST FU
NT-42
NT-42E
NXH-6022
SUNMARINA S-713
TEXPORT BG

1. Pre-treatment 精練

KF NEOCRYSTAL K-2500
KF NEOCRYSTAL K-3500
NEOCRYSTAL K-6000
NEOCRYSTAL KO
NEORATE BS-3000W
NEORATE PLC-2000
NT-70
PEAKLON 350
SIROCK LS-500
SUNCLEANER V-11
SUNCLEANER V-9
SUNMORL DM-60E
SUNMORL EF
SUNMORL MS-40
SUNMORL WX-15

2. Dyeing 染色

KF ACID PH-35
KF NEWFINE AF-2
NC ACID W-3050
NEOFIX FY
NEOFIX-F
NEWBON A-1600
NEWBON MG
NEWBON TS-400S
NICCA SUNSOLT RM-3405
NICCA SUNSOLT YK-1242E
SUNLIFE E-27S
SUNLIFE LP-220
SUNLIFE LPS-6600
SUNLIFE NFS
SUNLIFE NS-8800
SUNLIFE ST-50
SUNMORL RC-700LE
SUNSOLT 1200K
SUNSOLT GS-7
SUNSOLT RD-7
SUNSOLT RM-340
SUNSOLT RZ-6000
TEXPORT D-600
TEXPORT DY
TEXPORT PEEL
TEXPORT SN-10

3. Soften Finishing 柔軟材リソク

AMIPOLE AS
KF SILICONE ATS-76
KF SILICONE TEX-1
LIPO OIL GS-11
LIPO OIL NF-100
LIPO OIL NF-48
NKR SILICONE AK-2100
SHEARLON P-404
SHEARLON P-92
SILICONE ATS-HSC
SUNSOFTER A609K

4. Water and Oil repellent

撥水撥油

DRYPON HD
DRYPON Z-9
KF GUARD GR-600
KF GUARD GR-603
KF GUARD GR-605
KF GUARD GR-705
KF GUARD GR-500
KF GUARD GR-510
KF GUARD GR-8000
NEOSEED NR-158
NEOSEED NR-7100

5. Flame retardant 難燃

NICCA FINONE PD-20

6. Functional finishing 機能加工剤

DEATRON V-500K
FRONTAGE AS-7000
NICCANON RBK
NICCANON SKT
NICEPOLE FE-10
NICEPOLE FE-18
NICEPOLE FE-22
NICEPOLE FE-33
NICEPOLE FE-3300
NICEPOLE PR-86
NKR BLACK SM-2600
NT-42
NK ASSIST FU
ASSIST NX-2

1. Pre-treatment 精練

CROAKS N
 NEOCRYSTAL 150
 NEOCRYSTAL BC - 75
 NEOCRISTAL BD-2000
 NEOCRYSTAL BGS
 NEOCRYSTAL BGS - CONC
 NEOCRYSTAL NK - 2200
 NEORATE PH - 25 N
 NEORATE PH - 700
 NEORATE PLC - 3030
 NEORATE PLC - 7000
 NEORATE SB - 30
 NEORATE NA - 77
 PITCHRUN L - 180
 PITCHRUN L - 2
 PITCHRUN L-4000
 PITCHRUN PU - 575
 SUNCLEANER V - 8 N
 SUNCLEANER V - 9 N
 SUNMORL BH - 2011
 SUNMORL BK-20 F
 SUNMORL FLN
 SUNMORL FM - 1
 SUNMORL NP - E
 SUNMORL NP - EF
 SUNMORL NPN E
 SUNMORL SF - 59
 SUNMORL WL-3
 SUNMORL WX-12 K
 SUNMORL BK-20 LF

2. Dyeing 染色

DISPATEX G
 DYEING ACID AF
 DYEING ACID GNA
 DYEING ACID GNA - 3
 DYEING ACID YK - 2
 ESKUDO C - 30
 ESKUDO P - 770
 ESKUDO RC - 15
 LIPOTOL BA
 LIPOTOL DS - 20 L
 LIPOTOL LST - P
 LIPOTOL RK - 90 GN
 LIPOTOL SK
 NC ACID W
 NEOCRYSTAL 200
 NEOCRYSTAL BC - 2500
 NEOFIX AF - 100
 NEOFIX R - 250
 NEOFIX R - 370
 NEOFIX R - 755
 NEOFIX RD - 1000 N
 NEOFIX RP - 70
 NEOFIX RP - 70 KH
 NEOFIX RD-1000
 NEOFIX RF-2000

NEOFIX IR-77
 NEOFIX RX-505
 NEOPRINT STK - 150
 NEWBON TS - 400
 NEWBON TS - 400 T
 NEWBON WJ
 NICCA SUNSOLT LM - 8
 SUNFLOWREN SN - 3
 SUNLIFE LPF
 SUNLIFE LPX - 80
 SUNLIFE TNG
 SUNMORL RC - 13 S
 SUNMORL RC - 5
 SUNMORL MC - 2000
 SUNSOLT - 1200
 SUNSOLT - 7000
 SUNSOLT AN - 5
 SUNSOLT CI - 12
 SUNSOLT GSI
 SUNSOLT IK - 2
 SUNSOLT IK - 2400
 SUNSOLT IK - 3
 SUNSOLT RM - 340 CK
 SUNSOLT RM - 340 K
 SUNSOLT RX - 7
 SUNSOLT RM - 340 E NEW
 SUNSOLT YK - DB CONC
 TA - 60
 TEXTPORT D - 580
 TEXTPORT PEEL
 TEXTPORT SN - 10
 TEXTPORT AC - 20
 TEXTPORT D - 600
 VICSEN AG - 25
 YK - 91

3. Soften Finishing 柔軟材リソグ

APOLE ES - 550
 DESIZER GNB - 7
 GA - 7000 N
 LIPO OIL TC - 90
 LIPO OIL NT - 12
 NICCA SILICONE AM - 35
 NICCA SILICONE AM - 5870
 NICCA SILICONE AMC - 900
 NICCA SILICONE AQ - 131
 NICCA SILICONE AQ - 330
 NICCA SILICONE GS-088
 NICCA SILICONE OL-2405
 NIKKALAN Y
 NK OIL WO - 321
 SHEARLON P - 92
 SILICONE AM
 SILICONE AM - 2000
 SILICONE AM - 202
 SILICONE AM - 25
 SILICONE AM - 600
 SILICONE AMK - 5

SILICONE AMZ - 10
 SILICONE N - 100
 SILICONE N - 150 EPN
 SILICONE AQ - 200
 SUNFLAKE FK-21
 SUNSOFLON DL
 SUNSOFLON K - 2
 SUNSOFLON PXP - 2000
 SUNSOFLON SL - 1000
 SUNSOFLON TK - 07
 SUNSOFLON TK - 08
 SUNSOFLON FKT
 SUNSOFTER A - 700

4. Water and Oil repellent**撥水撥油**

DRYPON 600 E
 NK GUARD S - 22

5. Flame retardant 難燃

NICCA FINONE P - 205

6. Functional finishing 機能加工剤

EVAFANOL N - 7
 FRONTAGE AS-130
 FRONTAGE FB - 110
 KASESOL ES - 708
 KASESOL TS
 LUSTER B - 70
 NEOPELEX F-25
 NEOSTECKER SI - 50
 NICCANON RB
 NICEPOLE FL - 27
 NICEPOLE PR - 86 N
 NICEPOLE TF - 70 D
 NICEPOLE TF - 85
 NIKOSOLT - 209
 NIKOSOLT S - 6 N
 NK ASSIST V
 NK ASSIST FU
 NT - 42 E
 NT - 42 NEW
 NXH - 6022
 POLYSOFTER PE - 208 Z
 SUNMARINA TS - 155 GT
 TEXTPORT BG

1. Pre-treatment 精練

BH-320KS-A
BIOTEX SL
BIOTEX SL conc
CELLESH 100
CELLESH 1000
CELLESH 400
CELLESH 420
CELLESH 550
CELLESH 600
CELLESH 600N
CELLESH 610
CELLESH 620
CELLESH 700
CRIEAT RC-500
CRIEAT TC-929
CROAKS NT
CROAKS PO
KAO STAB 02
NEOCRISTAL AC-30
NEOCRISTAL CG-2000
NEOCRISTAL S-100
NEOCRISTAL S-900
NEORATE 02
NEORATE 1000A
NEORATE HSL
NEORATE PH-150
NEORATE PH-880
NEORATE PLC-3000
NEORATE TK
PITCHRUN L-500
PITCHRUN L-730S
PITCHRUN PU-252S
SUNCLEANER CAN-1S
SUNMORL B-90
SUNMORL BK-57NM
SUNMORL BL-900S
SUNMORL FS-80
SUNMORL HS-20S
SUNMORL KS-120
SUNMORL KS-320
SUNMORL KS-330
SUNMORL KS-350
SUNMORL KS-70T
SUNMORL KS-90N
SUNMORL WX-36
TEXZYME ST-10E

2. Dyeing 染色

DEMOL RN-LT
DISPATEX G
HIBITER D-54T
LEVENOL TD-720
LIPOTOL RK-250S
LIPOTOL RK-50
LIPOTOL RK-90S
NC ACID AG-52
NEOFIX COF-800S
NEOFIX R-250

NEOFIX R-450
NEOTEX CD-300S
NEOTEX PDC-44
NEWBON TS-400
NICCA SUNSOLT LM-8
NICCA SUNSOLT M-3
NICCA SUNSOLT RM-3405
NICCA SUNSOLT RM-7100
NICCA SUNSOLT TD-278
SUNLIFE E-37
SUNLIFE LP-240S
SUNLIFE LPS-980S
SUNLIFE TA-300
SUNLIFE TN
SUNMORL 120
SUNMORL FL
SUNMORL RC-700S
SUNRESIST NR-100L
SUNSOLT 1200K
SUNSOLT 7000
SUNSOLT GPD-100S
SUNSOLT RE-3S
SUNSOLT RM-340S
SUNSOLT RM-340T
SUNSOLT RM-450S
SUNSOLT SN-550S
SUNSOLT TA-60S
SUNSOLT YK-1242S
TA-SALT
TEXPORT C-100
TEXPORT D-255E
TEXPORT D-334
TEXPORT D-600S
TEXPORT DYS
TEXPORT PDF-37
TEXPORT PEEL
TEXPORT SKY-S
YK-90S

3. Soften Finishing 柔軟仕上げ

A-POLE AQ-300
A-POLE ES-600
A-POLE G-2
A-POLE TWS-50S
LIPO-OIL NT-6
LIPO-OIL TRL
NICCA SILICON AMG-7
NICCA SILICONE AQ-131
NICCA SILICONE AQ-133
NK OIL AW-9
NK OIL CS-11S
NK OIL CS-53S
NK OIL W-9A
SILICON AM-50S
SILICON AST-25
SILICON N-150ST
SILICON N-150STL
SOFTEX M-160C
SOFTEX M-80CONC

SOFTEX N-300
SOFTEX NN-33
SOFTEX S-150N
SOFTEX S-470
SOFTEX S-6000
SOLUOL 2800
SUNSOFLON BX
SUNSOFLON FD-22F
SUNSOFLON K-2S
SUNSOFLON PXP-2000
SUNSOFLON TK-07
SUNSOFLON WP
SUNSOFTER A-300
SUNSOFTER A-603G2
SUNSOFTER A-700
SUNSOFTER A-908
SUNSOFTER FX
SUNSOFTER SG-21

4. Water and Oil repellent 撥水撥油

DRYCAT JK-70
DRYPON 300S
NK GUARD S-05
NK GUARD S-11
NK GUARD S-80

5. Flame retardant 難燃

NICCA FI-NONE FR-342
NICCA FI-NONE HF-2200
NICCA FI-NONE HFT-7
NICCA FI-NONE P-207S
NICCA FI-NONE P-3

6. Functional finishing 機能加工剤

A-POLE PRS-5
DEATRON N-20
EVAFANOL N-10
EVAFANOL N-33
EVAFANOL N-40
FRONTAGE ASN
FRONTAGE DSB-22S
GG-315S
KASESOL ES-9
KIRAKURU DA-12
NEOSTECKER SI-50
NICCANON NS-30
NICCANON RB
NICEPOLE FE-18
NICEPOLE NF-701
NICEPOLE PR-99S
NICEPOLE PRN
NIKOSOLT 209
NIKOSOLT S-12
NK ASSIST FU
NK ASSIST V
SUNMARINA TS-155GTS
TEXPORT AB-60
TEXPORT BG
TEXPORT BG-2

1. Pre-treatment 精練

A-860U
PITCHRUN L-70
SUNMORL ACS
SUNMORL BK-710

2. Dyeing 染色

NEOFIX E-117
NEOFIX IR-77
NEOFIX RP-70
NEOFIX RX-505
NICCA GUM MA-20
NICCA SUNSOLT RF-560
NICCA SUNSOLT RF-BT
NICCA SUNSOLT RX-22
NICCATEX OD-1
NICCATEX OD-CONC
SUNLIFE TNC-2
SUNLIFE TNF
SUNLIFE XL-20
SUNMORL MC-2000U
TEXPORT D-600U
TEXPORT D-990
TEXPORT PEEL
TEXPORT TA-78

3. Soften Finishing 柔軟仕上げ

NICCATEX CS-11U

4. Water and Oil repellent

撥水撥油

NI-805
NK GUARD S-09

5. Flame retardant 難燃

NICCA FI-NONE HF-1120

6. Functional finishing 機能加工剤

KASESOL ES-9
NICCATEX NX-610
NICEPOLE FL
NICEPOLE N-20
NICEPOLE PRN-U
SUNMARINA TS-155GT
SHEARLON NF-572

1. Pre-treatment 精練

A-860
ESKUDO C-305
ESKUDO NEO-2E
ESKUDO NEO-3
LIPOTOL RK-90G
NEOCRYSTAL 150
NEOCRYSTAL 170
NEOCRYSTAL AC-1500
NEOCRYSTAL G-05EG
NEOPROTON C-888EG
NEORATE OPH
NEORATE PLC-3000
NICCA SUNCLEANER V-9
PEAKLON 350H
PITCHRUN L-200
PITCHRUN L-1000
SUNMORL 66 EG
SUNMORL BL-420EG
SUNMORL HK EG
SUNMORL SR-118
SUNMORL SR-80
SUNMORL WX-24

2. Dyeing 染色

D-735
ESKUDO A-812
LIPOTOL BN
LIPOTOL SK
LIPOTOL TM EG
NEOFIX AF-303
NEOFIX E-500
NEOFIX R-3200
NEOFIX R-755G
NEOFIX R-800 CONC
NEOFIX RD-1000
NEOFIX RX-202
NEOFIX RX-505
NEOFIX IJ-450G
NEWBON BR-1
NEWBON SA EG
NEWBON SD-1E
NEWBON TS-400
NICCA HIBITER ANY
NC ACID W-7160
NC ACID W-1050

NICCA HIBITER MAY
NICCA SUNSOLT RM-3401
NICCA SUNSOLT RM-3403
NICCA SUNSOLT RM-3406
NICCA SUNSOLT RM-7025
NICCA SUNSOLT LM-850
NICCA TA-60
SUNLIFE E-90
SUNLIFE E-1130
SUNLIFE E-370
SUNLIFE KWLG
SUNLIFE LPS-980N
SUNLIFE TA-555G
SUNLIFE TN-8080
SUNLIFE TN-042
SUNMORL A-1
SUNMORL RC-700EG
SUNMORL BH-50
SUNMORL BH-80
SUNMORL BH-1000
TASALT G(50%)
TEXPORT D-334
TEXPORT D-5100
TEXPORT DA-9 CONC
TEXPORT PE-310

3. Soften Finishing 柔軟材リカ

AMIPOL AS
LIPO OIL NT-12
LIPOTOL FMB
NICCA SILICONE AQ-132
NICCA SILICONE AQ-133
NICCA SILICONE AQ-188
NICCA SILICONE EP-1000 EG
NICCA SILICONE EP-1010 EG
NICCA SILICONE OL-2415
NICCA SILICONE N-853
NICCA SILICONE AM-8420
NK OIL AW-9
NK OIL TC-73
SUNSILKY SW-20EG
SUNSOFLON 077
SUNSOFLON BX
SUNSOFLON K-2
SUNSOFTER A-700
WET SILICONE DM-67

**4. Water and Oil repellent
撥水撥油**

DRYPON 300
NK GUARD S-360
NK GUARD S-701
NK GUARD S-721
NEOSEED NR-158
NEOSEED NR-7080

6. Functional finishing 機能加工剤

DEATRON N
EVAFANOL N-33
KASESOL ES-9
NEOSTECKER SI-50
NICCA SILICONE H-89
NICCANON NS-30
NICCANON RB
NICEPOLE F-2000
NICEPOLE PR-100
NICEPOLE PR-868E
NIKOSOLT 210
NIKOSOLT S-12
NK ASSIST FU
POLYSOFTER PE-208
SUNMARINA TS-155GT
TEXPORT AB-140
TEXPORT AB-60
TEXPORT CF-90
TEXPORT SQ-20

1. Pre-treatment 精練

ESKUDO NEO-2EZ
NEOCRYSTAL 170Z
NEOCRYSTAL BC-600
NEOCRYSTAL BC-650
NEOCRYSTAL BC-1050
NEOCRYSTAL G-05EZ
NEOPROTON C-888EZ
NEOPROTON MKZ
NEORATE CM-2031
NEORATE PH-300EZ
NEORATE PH-33EZ
NEORATE PLC-4500Z
NICCA SUNCLEANER CAN-EZ
NICCA SUNCLEANER V-9
PITCHRUN L-100EZ
PITCHRUN L-100FZ
PITCHRUN L-271EZ
PITCHRUN PU-252
PITCHRUN PU-370
SUNMORL BH-0002
SUNMORL BH-1064
SUNMORL BH-17
SUNMORL BH-50
SUNMORL BH-80
SUNMORL BH-0036
SUNMORL BH-5700
SUNMORL BH-5800
SUNMORL BH-5820
SUNMORL BH-5821
SUNMORL BK-20FZ
SUNMORL BK-30NMZ
SUNMORL BK-57NM
SUNMORL BK-90NMZ
SUNMORL GS-10Z
SUNMORL HS-1022
SUNMORL HS-1022D
SUNMORL HS-5030
SUNMORL RW-8050
SUNMORL SM-18EZ
SUNMORL SM-32EZ
SUNMORL SR-118
SUNMORL UM-1045
SUNMORL UM-1175
SUNMORL WX-0003
SUNMORL WX-0008
SUNMORL WX-0010
SUNMORL WX-1084
SUNMORL WX-233
SUNMORL WX-240
SUNMORL WX-5020
SUNMORL WX-800
SUNMORL WX-8600
SUNMORL WX-245
SUNMORL WX-8600
TEXPORT CF-585
TEXPORT AB-151
TEXPORT SN-2025
TEXPORT TA-114

2. Dyeing 染色

E-1861E
ESKUDO 2500Z
ESKUDO A-401
ESKUDO A-812
ESKUDO M-935
ESKUDO BK-35
ESKUDO C-305
ESKUDO M-240
ESKUDO M-903
ESKUDO NSZ
ESKUDO R-001Z
ESKUDO RZ-30EZ
LIPOTOL DGZ
LIPOTOL RK-5Z
LIPOTOL RK-90Z
LIPOTOL TC-300Z
NC ACID 1109Z
NC ACID PH-45
NC ACID W-1040
NC ACID W-30
NC ACID W-70
NC ACID W-7160
NEOCRYSTAL 200Z
NEOFIX AF-80
NEOFIX AF-2250
NEOFIX E-300CZ
NEOFIX R-250Z
NEOFIX R-755Z
NEOFIX R-800 CONC
NEOFIX R-800Z
NEOFIX R-808Z
NEOFIX RD-1000EZ
NEOFIX RX-1100
NEOFIX RX-202
NEOFIX RX-505
NEOFIX IR-77
NEOTEX CD-600
NEWBON D-100EZ
NEWBON E-1Z
NEWBON MG-22Z
NEWBON SD-107
NEWBON SD-2NZ
NEWBON TS-400Z
NEWSOLVE ESZ
NICCA GUM MA-20
NICCA HIBITER AN-Y
NICCA SUNSOLT 1200Z
NICCA SUNSOLT 7000Z
NICCA SUNSOLT CH-1500
NICCA SUNSOLT CH-6300
NICCA SUNSOLT GPD-100EZ
NICCA SUNSOLT LS
NICCA SUNSOLT PA-85Z
NICCA SUNSOLT PHC-85EZ
NICCA SUNSOLT RM-0070
NICCA SUNSOLT RM-0093
NICCA SUNSOLT RM-1041
NICCA SUNSOLT RM-2030
NICCA SUNSOLT RM-340KEZ
NICCA SUNSOLT RM-380EZ
NICCA SUNSOLT RM-60Z
NICCA SUNSOLT RM-7025
NICCA SUNSOLT RM-EXEZ

NICCA SUNSOLT SN-7035
NICCA SUNSOLT SN-901
NICCA SUNSOLT LM-850
SUNFLOWREN FT-SNZ
SUNLIFE E-370
SUNLIFE E-48
SUNLIFE KWLZ
SUNLIFE LP-567
SUNLIFE LPS-980NZ
SUNLIFE LPX-80EZ
SUNLIFE NS-8800
SUNLIFE TA-555Z
SUNLIFE TN-16Z
SUNLIFE TN-8
SUNLIFE TNZ
SUNLIFE UA-200
SUNMORL A-1Z
SUNMORL FTLZ
SUNMORL RC-510Z
SUNMORL RC-700Z
TASALT Z(50%)
TEXPORT D-0064
TEXPORT D-5100
TEXPORT D-580Z
TEXPORT D-600Z
TEXPORT D-63
TEXPORT DY-300F
TEXPORT DYZ
TEXPORT PE-310
TEXPORT PEEL
TEXPORT SN-1030
TEXPORT TA-0065
TEXPORT TA-1

3. Soften Finishing 柔軟剤リソグ

A-4003S
FRONTAGE SE-5100
G-2032S
LIPO-OIL AQ-28EZ
LIPO-OIL AQ-363KEZ
LIPO-OIL NT-18Z
LIPO-OIL NT-20Z
LIPO-OIL TCF-208
NICCA SILICONE AM-532
NICCA SILICONE AM-534
NICCA SILICONE AM-633
NICCA SILICONE AM-8420
NICCA SILICONE AQ-0018
NICCA SILICONE AQ-0026
NICCA SILICONE AQ-131
NICCA SILICONE AQ-1313
NICCA SILICONE AQ-132
NICCA SILICONE AQ-133
NICCA SILICONE AQ-1509
NICCA SILICONE AQ-1530
NICCA SILICONE AQ-1540
NICCA SILICONE DM-100E
NICCA SILICONE EP-1000Z
NICCA SILICONE FKZ
NICCA SILICONE GM-EZ
NICCA SILICONE OL-2405
NICCA SILICONE OL-2415
NICCA SILICONE OL-5520

3. Soften Finishing 柔軟仕上げ

NICCA SILICONE OL-2430
NK OIL AW-9EZ
NK OIL CS-18Z
NK OIL SEW
NK OIL WO-530Z
POLYSOFTER TW-06EZ
SHEARLON P-Z
SUNSILKY FW-10
SUNSILKY SW-09EZ
SUNSILKY SW-20EZ
SUNSOFLON BXZ
SUNSOFLON FD-910
SUNSOFLON FD-930
SUNSOFLON K-2Z
SUNSOFLON PXP-2000Z
SUNSOFLON TK-07Z
SUNSOFLON WPZ
SUNSOFTER A-609 Z-50
SUNSOFTER A-700Z
SUNSOFTER AQG-01EZ
WET SILICONE DM-67

**4. Water and Oil repellent
撥水撥油**

DRYPON 600EZ
NEOSEED NR-158
NEOSEED NR-90
NK GUARD S-11
NK GUARD S-33
NK GUARD S-360
NK GUARD S-56
NK GUARD S-568
NK GUARD S-702
NK GUARD S-721
NK GUARD S-750
NK GUARD SR-2020
NK GUARD SR-9020
NK GUARD ND-8107
NK GUARD ND-8112
TH-44

5. Flame retardant 難燃

NEOSTECKER HF-260
NICCA FI-NONE CN-300
NICCA FI-NONE HF-200N
NICCA FI-NONE P-207Z

6. Functional finishing 機能加工剤

DEATRON NZ
EVAFANOL AP-12
EVAFANOL N-33
EVAFANOL N-40
FOAMLEX AT-05
FRONTAGE ASN
KASESOL 866Z
KASESOL AV-15
KASESOL ES-9
KASESOL O-5 H-2Z
KIRAKURU DA-12
KIRAKURU DA-201
KIRAKURU DA-24
LUSTER B-70Z
NEOSTECKER HY-90
NEOSTECKER SI-50
NICCA POLY SOFTER PE-208Z
NICCA SILICONE H-89
NICCANON NS-30Z
NICCANON RB-110
NICCANON RB-200
NICCANON RBZ
NICCANON TH-39
NICEPOLE FE-18Z
NICEPOLE FE-22Z
NICEPOLE FE-26Z
NICEPOLE KF-30
NICEPOLE PR-0091
NICEPOLE PR-100
NICEPOLE PR-868EZ
NICEPOLE PR-9000
NICEPOLE PR-913
NICEPOLE PRS
NICEPOLE TF-70Z
NIKOSOLT 509
NIKOSOLT S-6Z
NK ASSIST FU
NT-42Z
NXH-6022
SUNMARINA TS-155GT
TEXPORT AB-60
TEXPORT AF-Z
TEXPORT BG-2
TEXPORT BG-30
TEXPORT BGZ
TEXPORT CF-90EZ

1. Pre-treatment 精練

BH-320K
CROAKS E-100
NEOCRYSTAL 170
NEOCRYSTAL AC-1000
NEOCRYSTAL BC-125
NEOCRYSTAL DM
NEOCRYSTAL O-160H
NEORATE PH-150VN
NEORATE PH-2000
NEORATE PLC-3000
NEORATE PLC-3600
NICCA SUNCLEANER DE-8
NICCA SUNCLEANER V-9
PEAKLON 600
PITCHRUN L-160H
PITCHRUN PU-252H
PITCHRUN PU-88H
SUNMORL BK-57NM
SUNMORL CK-1ECO
SUNMORL DK-100
SUNMORL GS-18S
SUNMORL SR-118
SUNMORL SR-22
SUNMORL SR-VN
SUNMORL SSC-1
TPSA-50
CITRIKLEEN ECO

2. Dyeing 染色

D-735
ESKUDO RZ-30T
ESKUDO 2500Z
LIPOTOL RK-5
LIPOTOL RS-1000
LIPOTOL RS-700
LIPOTOL TC-555
NEOCRYSTAL 200VN
NEOFIX R-250Z
NEOFIX R-400
NEOFIX R-525
NEOFIX RD-1000
NEOFIX RF-2000
NEOFIX RGH
NEOFIX RP-70VN
NEOFIX SSR
NEOFIX AF-006
NEOTEX CD-200
NEOTEX PD-50A
NEWBON MG
NEWBON SD-1E
NEWBON SD-2N
NEWBON TS-400T

NEWBON TS-800
NEWBON TS-800HL
NICCA HIBITER ANY
NICCA SUNSOLT 1200
NICCA SUNSOLT 7000
NICCA SUNSOLT 7000 CONC
NICCA SUNSOLT DP-70H
NICCA SUNSOLT P-7
NICCA SUNSOLT RM-3406
NICCA SUNSOLT RM-340ECO
NICCA SUNSOLT RM-340Hconc
NICCA SUNSOLT RM-680
NICCA SUNSOLT RM-900E
NICCA SUNSOLT RM-900HL
NICCA SUNSOLT YK-1242E
SUNLIFE LP-200EH
SUNLIFE TA-50K
SUNLIFE TN-40
SUNLIFE TN-40conc
SUNLIFE E-37T
SUNLIFE E-1130
SUNMORL MC-2000H
SUNMORL RC-700E
SUNMORL SL
SUNMORL 120
SUNSOLT RM-1000E
TEXPORT D-600
TEXPORT DA-9
TEXPORT DYH
TEXPORT PEEL
TEXPORT SKY
TEXPORT SN-10
YK-91

3. Soften Finishing 柔軟材リッカ

AMIPOL ASJ
APOLE G-2
F-1216
LIPO OIL NT-33
LIPO-OIL NT-12VN
NICCA SILICONE AM-08new
NICCA SILICONE AM-09
NICCA SILICONE AM-10
NICCA SILICONE AM-123VN
NICCA SILICONE AM-333
NICCA SILICONE AM-534H
NICCA SILICONE AMZ
NICCA SILICONE AQ-133
NICCA SILICONE ATS-10H
NICCA SILICONE EP-1000Z
NICCA SILICONE AM-TL
NICCA SILICONE AM-054
NK OIL S-9

SHEARLON P-92H
SHEARLON PT
SHEARLON HB
SUNSOFLON K-2H
SUNSOFLON TK-07
SUNSOFLON WP
SUNSOFLON WPZ
SUNSOFLON FXJ
SUNSOFTER A-300
SUNSOFTER A-603G2
SUNSOFTER SG-21
SUNSOFTER A-500

4. Water and Oil repellent

撥水撥油

NEOSEED NR-158H
NK GUARD S-11
NKGUARD S-738
NK GUARD S-33

5. Flame retardant 難燃

NICCA FI-NONE P-119

6. Functional finishing 機能加工剤

FOAMLEX 770
KASESOL O-5H
KIRAKURU DA-12
LUSTER 307
NICCANON NS-30H
NICEPOLE FE-18S
NICEPOLE PR-86
NICEPOLE PR-99VN
NIKOSOLT S-6H
NK ASSIST FU
NT-42