

LETTER OF APPROVAL

for Colourants / Textile Auxiliaries

No. GOTS-ECOCERT-08-00001

ECOCERT GREENLIFE declares that the
Colourants / Textile Auxiliaries listed below have been assessed for

Huntsman Textile Effects

Klybeckstrasse 200 / Basel (CH)

on basis of their corresponding Material Safety Data Sheet (MSDS) and on basis of further
relevant information according to the applicable criteria of the

Global Organic Textile Standard (GOTS) - Version 5.0

with positive result.

Accordingly the listed Colourants and/or Textile Auxiliaries are approved as inputs
for application in the processing of GOTS certified textile products.

Auxiliaries: After Treatment (Dyeing)

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
ALBAFIX					
ALBAFIX® RUB	After Treatment (Dyeing)	2018-02-21	2017-12-12		

Auxiliaries: Dyeing

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
ALBAFIX					
ALBAFIX WFF	Dyeing	2018-02-20	2017-01-17		
ALBAFLOW					
ALBAFLOW E3-PAC	Dyeing	2018-05-04	2017-02-06		
ALBAFLOW FFA-01	Dyeing	2018-08-02	2016-06-29		
ALBAFLOW FFC-01	Dyeing	2018-08-02	2016-11-24		
ALBAFLOW FFW	Dyeing	2018-02-20	2017-03-23		
ALBAFLOW JET	Dyeing	2018-08-02	2016-11-09		

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ALBAFLOW PAD	Dyeing	2018-05-04	2014-03-12		
ALBAFLOW UNI	Dyeing	2018-02-20	2014-03-12		
ALBAFLOW UNI-01	Dyeing	2018-02-20	2014-12-01		
ALBAFLUID					
ALBAFLUID A	Dyeing	2018-02-20	2017-05-22		
ALBAFLUID C	Dyeing	2018-02-20	2017-04-10		
ALBAFLUID CD	Dyeing	2018-02-20	2017-01-03		
ALBAFLUID E3-DLM	Dyeing	2018-02-20	2017-01-03		
ALBATEX					
ALBATEX AB-45	Dyeing	2018-03-20	2015-02-25		
ALBATEX AB-55	Dyeing	2018-02-20	2013-12-28		
ALBATEX AD	Dyeing	2018-02-20	2017-04-13		
ALBATEX AD-01	Dyeing	2018-02-20	2017-04-06		
ALBATEX CO	Dyeing	2018-02-20	2017-03-24		
ALBATEX DBC	Dyeing	2018-02-20	2014-06-27		
ALBATEX DBS	Dyeing	2018-02-20	2017-07-14		
ALBATEX DS	Dyeing	2018-02-20	2017-04-13		
ALBATEX E3-DCC	Dyeing	2018-02-20	2014-10-06		
ALBATEX OR	Dyeing	2018-02-20	2016-07-27		
ALBATEX SA-200	Dyeing	2018-02-20	2014-05-05		
ALBATEX VAT	Dyeing	2018-02-20	2017-09-14		
ERIONAL					
ERIONAL PCL	Dyeing Fixing	2018-02-20	2013-10-30		
ERIOPON					
ERIOPON CRN NEW	Dyeing	2018-05-04	2016-12-09		
ERIOPON E3-WOC	Dyeing	2018-02-20	2014-02-19		
ERIOPON R	Dyeing	2018-02-20	2017-04-07		
ERIOPON R LIQ.	Dyeing	2018-02-20	2014-09-08		
ERIOPON WFE	Dyeing	2018-02-20	2017-06-27		
INVALON					
INVALON DAM	Dyeing	2018-02-28	2014-04-03		

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Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
INVALON DAM 50% LIQ	Dyeing	2018-04-12	2014-07-07		
MIRALAN					
MIRALAN Q-01	Dyeing	2018-03-06	2015-02-11		
THERMACOL					
THERMACOL MIN	Dyeing	2018-03-06	2014-05-15		
THERMACOL MP	Dyeing	2018-03-06	2016-08-25		
THERMACOL PN	Dyeing	2018-03-06	2016-04-14		
UNIVADINE					
UNIVADINE E3-3D	Dyeing	2018-06-08	2017-06-20		
UNIVADINE LD-NF	Dyeing	2018-03-08	2017-06-29		

Auxiliaries: Easy Care Finishing

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
DICRYLAN					
DICRYLAN BSRN	Easy Care Finishing	2018-02-20	2016-09-22		
DICRYLAN PSF	Easy Care Finishing	2018-02-20	2017-03-13		
DICRYLAN-THICKENER HV 30	Easy Care Finishing	2018-02-20	2014-03-26	Must not be used for	
KNITTEX					
KNITTEX FF	Easy Care Finishing	2018-02-28	2017-10-11		
KNITTEX FFRC	Easy Care Finishing	2018-02-28	2015-01-09		
KNITTEX-CATALYST					
KNITTEX-CATALYST MO	Easy Care Finishing	2018-02-21	2014-09-24		
KNITTEX-CATALYST UMP	Easy Care Finishing	2018-02-21	2015-08-20		
TURPEX					
TURPEX ACN NEW	Easy Care Finishing	2018-03-06	2014-07-31		
ULTRAPHIL					
ULTRAPHIL PA	Easy Care Finishing	2018-03-07	2016-09-23		
ULTRATEX					
ULTRATEX EMJ	Easy Care Finishing	2018-08-02	2015-01-26		

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
ULTRATEX SI	Easy Care Finishing	2018-08-02	2017-07-10		
ULTRATEX STS-D	Easy Care Finishing	2018-03-07	2016-07-18		
ZEROSTAT					
ZEROSTAT FC NEW	Easy Care Finishing	2018-03-14	2014-04-03	Must not be used with fluorochemicals.	

Auxiliaries: Finishing

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
DICRYLAN					
DICRYLAN WK NEW	Finishing	2018-08-02	2008-07-09		
FORNAX					
FORNAX K CONC	Finishing	2018-05-04	2015-11-06		
FORNAX W	Finishing	2018-05-04	2015-11-06		
PHOBOTEX					
PHOBOTEX ZAN	Finishing	2018-03-06	2014-07-01		
ULTRAPHIL					
ULTRAPHIL HSD	Finishing	2018-05-04	2016-10-13		
ULTRATEX					
ULTRATEX FH NEW	Finishing	2018-08-02	2016-09-23		
ULTRATEX UM NEW	Finishing	2018-08-02	2014-06-30		

Auxiliaries: Flame Retardant

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
FLOVAN					
FLOVAN CGN	Flame Retardant	2018-02-20	2016-04-13		

Auxiliaries: Ink Jet Printing

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
PREPAJET					
PREPAJET UNI	Ink Jet Printing	2018-03-06	2015-04-08		

Auxiliaries: Optical Brightener

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
UVITEX					
UVITEX 2B CONC	Optical Brightener	2018-03-14	2016-09-23		
UVITEX 4BB-I	Optical Brightener	2018-04-23	2014-09-08		
UVITEX BBT LIQ.	Optical Brightener	2018-04-23	2015-03-02		
UVITEX BFW LIQ.	Optical Brightener	2018-07-30	2014-10-21		
UVITEX BH-B LIQ.	Optical Brightener	2018-03-14	2015-09-15	formerly UVITEX BHB LIQ.	
UVITEX BH-BS CONC	Optical Brightener	2018-03-20	2015-09-15	formerly "UVITEX BB-S CONC"	
UVITEX BH-BS LIQ.	Optical Brightener	2018-03-14	2015-09-15	formerly UVITEX BB-S LIQ.	
UVITEX BH-V LIQ.	Optical Brightener	2018-03-14	2015-09-15	formerly UVITEX BHV LIQ.	
UVITEX BH-VS CONC	Optical Brightener	2018-03-14	2015-09-15	formerly UVITEX BV-S CONC	
UVITEX BH-VS Liq	Optical Brightener	2018-03-14	2015-09-15	formerly UVITEX BV-S LIQ	
UVITEX BHA LIQ.	Optical Brightener	2018-03-20	2016-03-23		
UVITEX BHR 200%	Optical Brightener	2018-03-14	2015-09-15	formerly UVITEX CF 200%	
UVITEX BHR 530%	Optical Brightener	2018-03-14	2015-09-15	formerly UVITEX CF 530%	
UVITEX BHT 180%	Optical Brightener	2018-03-14	2014-10-21		
UVITEX BHT LIQ.115%	Optical Brightener	2018-03-14	2014-02-25		
UVITEX BHT-B 180%	Optical Brightener	2018-03-14	2012-06-18		
UVITEX BLW LIQ.	Optical Brightener	2018-10-08	2015-08-23	formerly UVITEX BFA LIQ.	
UVITEX BME 350%	Optical Brightener	2018-03-14	2015-09-14	formerly UVITEX BAM 350%	
UVITEX BME LIQ.	Optical Brightener	2018-03-14	2015-09-15	formerly UVITEX BAM LIQ.	

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UVITEX BMR LIQ.	Optical Brightener	2018-03-14	2015-09-15	formerly UVITEX RSB LIQ. 150%	
UVITEX BMU LIQ.	Optical Brightener	2018-03-14	2014-02-25		
UVITEX BMU-B LIQ	Optical Brightener	2018-03-14	2015-06-09		
UVITEX BMU-V LIQ	Optical Brightener	2018-03-14	2015-10-30		
UVITEX BST LIQ.-I	Optical Brightener	2018-03-14	2015-03-02	double denomination of UVITEX BLH LIQ,	
UVITEX EHR	Optical Brightener	2018-03-14	2015-09-16	formerly UVITEX ERH	
UVITEX NLF LIQ.	Optical Brightener	2018-03-14	2015-11-03	formerly UVITEX PLF LIQ.	
UVITEX RSW LIQ.	Optical Brightener	2018-04-23	2015-06-11		
UVITEX UBR LIQ.-I	Optical Brightener	2018-04-23	2014-11-17		

Auxiliaries: Pigment Printing

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
LYOPRINT					
LYOPRINT® RG GR	Pigment Printing	2018-10-11	2018-04-24	LYOPRINT RG GR is the granule form.	

Auxiliaries: Pre-treatment

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
ALBAFLOW					
ALBAFLOW CIR	Pre-treatment	2018-02-20	2015-02-02		
CLARITE					
CLARITE 3X	Pre-treatment	2018-02-20	2017-08-25		
CLARITE CBB	Pre-treatment	2018-02-20	2016-09-23		
CLARITE COM	Pre-treatment	2018-07-30	2014-05-26		
CLARITE CPB NEW	Pre-treatment	2018-02-20	2016-11-03		
CLARITE LTC	Pre-treatment	2018-02-20	2014-04-22		
CLARITE MAX	Pre-treatment	2018-02-20	2017-06-02		

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CLARITE ONE	Pre-treatment	2018-02-20	2015-11-02		
CLARITE SPE NEW	Pre-treatment	2018-02-20	2017-01-05		
CLARITE WIN	Pre-treatment	2018-02-20	2014-12-16		
FUMEXOL					
FUMEXOL 100	Pre-treatment	2018-03-20	2014-05-05		
FUMEXOL DFN	Pre-treatment	2018-03-20	2014-05-19		
INVADINE					
INVADINE MR	Pre-treatment	2018-02-28	2016-12-01		
INVATEX					
INVATEX AC	Pre-treatment	2018-02-20	2014-02-12		
INVATEX CRA	Pre-treatment	2018-02-20	2014-05-26		
INVATEX DSB	Pre-treatment	2018-02-20	2015-02-09		
INVATEX ED	Pre-treatment	2018-02-20	2014-06-06		
INVATEX PC NEW	Pre-treatment	2018-02-21	2014-04-27		
INVATEX SA	Pre-treatment	2018-02-21	2014-02-11		
INVATEX® SYN	Pre-treatment	2018-10-01	2018-02-20		
ULTRAVON					
ULTRAVON CN	Pre-treatment	2018-03-20	2016-11-08		
ULTRAVON CX	Pre-treatment	2018-03-20	2016-07-06		
ULTRAVON EL	Pre-treatment	2018-03-08	2012-02-10		
ULTRAVON JUN	Pre-treatment	2018-03-08	2014-04-22		
ULTRAVON SX	Pre-treatment	2018-03-08	2014-01-29		
ULTRAVON TC	Pre-treatment	2018-03-20	2015-05-19		

Auxiliaries: Printing (other)

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
INK DILUENT AR	Printing (other)	2018-02-20	2015-02-06		
LYOPRINT					
LYOPRINT AP	Printing (other)	2018-05-04	2016-05-20		

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
LYOPRINT ATP-30	Printing (other)	2018-02-21	2017-06-02		
LYOPRINT RD-HT-02	Printing (other)	2018-02-21	2016-08-05		
LYOPRINT RG	Printing (other)	2018-02-21	2012-05-14		
PREPAJET					
PREPAJET PIJ	Printing (other)	2018-03-06	2016-08-25		

Auxiliaries: Softener

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
MEGASOFT					
MEGASOFT CEC 01	Softener	2018-03-06	2017-07-07		
MEGASOFT WIN	Softener	2018-03-06	2015-05-19		
SAPAMINE					
SAPAMINE CSN	Softener	2018-03-06	2017-06-01		
SAPAMINE FPG	Softener	2018-03-06	2017-07-06		
SAPAMINE MS	Softener	2018-03-06	2014-05-09		
SAPAMINE OC	Softener	2018-10-08	2014-05-06		

Auxiliaries: Stain Removing

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
SILVATOL® FLN	Stain Removing	2018-10-11	2017-03-06		

Colourants: Acid Dye

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
Erionyl					
ERIONYL NAVY A-R	Acid Dye	2018-03-16	2013-08-20		
ERIONYL RED B-10B-01	Acid Dye	2018-03-16	2016-10-13		

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
ERIONYL RED B-RLS-02	Acid Dye	2018-06-22	2018-04-16		
ERIONYL RED B-RLS-03	Acid Dye	2018-03-16	2013-11-27		
ERIONYL TURQUOISE A-G	Acid Dye	2018-03-16	2016-10-28	Cu 5.0%	4)
ERIONYL YELLOW A-R	Acid Dye	2018-03-16	2014-06-11		
Tectilon					
TECTILON BLUE 4R-01 200%	Acid Dye	2018-03-15	2017-07-20		
TECTILON YELLOW 4R 200%	Acid Dye	2018-04-12	2014-10-15		

Colourants: Direct Dye

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
SOLOPHENYL					
SOLOPHENYL BLACK FGE 600%	Direct Dye	2018-03-15	2012-07-18		
SOLOPHENYL BLACK FR	Direct Dye	2018-03-15	2016-07-19		
SOLOPHENYL BLUE FGLE 220%	Direct Dye	2018-03-15	2016-07-19		
SOLOPHENYL BLUE GL 250%	Direct Dye	2018-03-15	2016-09-28		
SOLOPHENYL BLUE TLE	Direct Dye	2018-03-15	2012-07-18	Cu 3.4%	4)
SOLOPHENYL ORANGE ARLE 220%	Direct Dye	2018-03-15	2012-10-23		
SOLOPHENYL RED 3BL 140%	Direct Dye	2018-03-15	2014-10-24		
SOLOPHENYL RED 4GE	Direct Dye	2018-03-15	2012-02-10		
SOLOPHENYL YELLOW ARLE 154%	Direct Dye	2018-03-15	2016-07-22		
SOLOPHENYL YELLOW GLE	Direct Dye	2018-03-15	2014-10-24		

Colourants: Disperse Dye

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
TERASIL					
TERASIL BLUE BG-02 200%	Disperse Dye	2018-03-15	2014-07-02		
TERASIL BLUE BGE-01 200%	Disperse Dye	2018-08-02	2016-10-27		
TERASIL RED FBN CONC.	Disperse Dye	2018-03-16	2015-01-12		

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TERASIL LF					
TERASIL RED LF	Disperse Dye	2018-03-15	2014-10-08		
TERASIL SD					
TERASIL RED SD-01	Disperse Dye	2018-03-15	2013-11-20	AOX 0.4%	15)
TERASIL W					
TERASIL GOLDEN YELLOW W-3R	Disperse Dye	2018-03-15	2017-09-18		
TERASIL ROYAL BLUE W-EL	Disperse Dye	2018-03-16	2014-04-15		
TERASIL TURQUOISE W-XN	Disperse Dye	2018-03-15	2014-09-12		
TERASIL YELLOW W-6GS	Disperse Dye	2018-03-15	2016-11-11		
TERASIL WW					
TERASIL BLACK WW-KSN	Disperse Dye	2018-03-16	2016-09-26		
TERASIL BLUE WW-2GS	Disperse Dye	2018-03-15	2012-02-20		
TERASIL NAVY WW-GSN	Disperse Dye	2018-03-16	2016-09-07		
TERASIL RED WW-BFS 200%	Disperse Dye	2018-05-04	2017-07-18		
TERASIL RED WW-BFS-01 200%	Disperse Dye	2018-03-16	2013-11-06		
TERASIL VIOLET WW-2RS	Disperse Dye	2018-07-30	2017-09-20		
TERATOP					
TERATOP BLUE BGE	Disperse Dye	2018-03-15	2016-08-24		
TERATOP HL					
TERATOP YELLOW HL-RS 200%	Disperse Dye	2018-03-15	2016-10-28		

Colourants: Ink for Digital Printing

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
LANASET SI					
LANASET RED SI HS-5200	Ink for Digital Printing	2018-03-19	2013-09-17		
LANASET RED SI HS-5300	Ink for Digital Printing	2018-03-19	2013-09-17		
LANASET TURQUOISE SI HS-5500	Ink for Digital Printing	2018-03-19	2014-06-11	Cu 0.5%	4)
LANASET YELLOW SI HS-5100	Ink for Digital Printing	2018-03-19	2014-06-11		

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NOVACRON MI					
NOVACRON BLUE MI-600	Ink for Digital Printing	2018-04-11	2017-07-18		
NOVACRON DEEP BLACK MI-2000	Ink for Digital Printing	2018-04-11	2017-10-05		
NOVACRON GOLDEN YELLOW MI-200	Ink for Digital Printing	2018-03-23	2017-10-12		
NOVACRON GREY MI-800	Ink for Digital Printing	2018-08-02	2017-09-29		
NOVACRON ORANGE MI-300	Ink for Digital Printing	2018-03-23	2017-07-18		
NOVACRON RED MI-400	Ink for Digital Printing	2018-03-23	2017-07-18		
NOVACRON RED MI-500	Ink for Digital Printing	2018-03-23	2017-07-18		
NOVACRON TURQUOISE MI-700	Ink for Digital Printing	2018-03-22	2017-07-18	Cu 0.5%	4)
NOVACRON YELLOW MI-100	Ink for Digital Printing	2018-03-22	2017-09-29		
NOVACRON XKS					
NOVACRON BLUE XKS 601	Ink for Digital Printing	2018-03-21	2012-03-01		
NOVACRON DEEP BLACK XKS-2001	Ink for Digital Printing	2018-04-11	2014-11-24		
NOVACRON GOLDEN YELLOW XKS-203	Ink for Digital Printing	2018-03-21	2014-05-13		
NOVACRON MAGENTA XKS 501	Ink for Digital Printing	2018-03-21	2013-02-13		
NOVACRON ORANGE XKS 301	Ink for Digital Printing	2018-03-21	2016-05-25		
NOVACRON RED XKS-403	Ink for Digital Printing	2018-03-21	2014-12-16		
NOVACRON TURQUOISE XKS-701	Ink for Digital Printing	2018-03-21	2016-10-05	Cu 0.4%	4)
NOVACRON YELLOW XKS HD 1000	Ink for Digital Printing	2018-09-26	2018-06-21		
NOVACRON YELLOW XKS-102	Ink for Digital Printing	2018-03-21	2015-02-24		

Colourants: Reactive Dye

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
NOVACRON® SUPER BLACK RS	Reactive Dye	2018-10-11	2018-03-19		
AVITERA					
AVITERA BLACK SE	Reactive Dye	2018-02-14	2016-06-16		
AVITERA BLUE SE	Reactive Dye	2018-02-15	2016-06-14	Cu 3.4 %	4)

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AVITERA BRILLIANT YELLOW SE	Reactive Dye	2018-02-15	2016-06-14		
AVITERA CARDINAL SE	Reactive Dye	2018-02-15	2016-06-14		
AVITERA DEEP BLUE SE	Reactive Dye	2018-02-15	2017-11-20		
AVITERA DEEP SEA SE	Reactive Dye	2018-02-15	2017-09-13		
AVITERA GOLD SE	Reactive Dye	2018-02-15	2017-09-26		
AVITERA LIGHT BLUE SE	Reactive Dye	2018-02-15	2017-07-03	Cu 4.8 %	4)
AVITERA LIGHT RED SE	Reactive Dye	2018-02-15	2016-11-22		
AVITERA NAVY SE	Reactive Dye	2018-02-15	2016-06-14		
AVITERA ORANGE SE	Reactive Dye	2018-02-15	2015-04-07		
AVITERA RED SE	Reactive Dye	2018-02-15	2014-03-19		
AVITERA YELLOW SE	Reactive Dye	2018-02-15	2016-12-02		
AVITERA® BRILLIANT ORANGE SE	Reactive Dye	2018-10-01	2016-06-14		
AVITERA® SKY SE	Reactive Dye	2018-02-15	2016-06-22	Cu 2.4%	4)
ERIOFAST					
ERIOFAST BLUE 3R	Reactive Dye	2018-02-15	2012-10-17		
ERIOFAST ORANGE 4R	Reactive Dye	2018-02-15	2015-06-15		
ERIOFAST RED 2B	Reactive Dye	2018-02-15	2012-11-14		
ERIOFAST YELLOW R	Reactive Dye	2018-03-16	2014-06-30		
Lanasol					
LANASOL BLUE 3G	Reactive Dye	2018-03-20	2016-11-21		
LANASOL BLUE 8G-01 150%	Reactive Dye	2018-03-20	2014-07-16	Cu 3.8%	4)
LANASOL NAVY B-01	Reactive Dye	2018-04-11	2017-02-01		
LANASOL RED 2G	Reactive Dye	2018-04-11	2012-12-07		
LANASOL RED 5B	Reactive Dye	2018-04-11	2012-12-07		
LANASOL RED 6G	Reactive Dye	2018-04-11	2017-10-09		
LANASOL RED B	Reactive Dye	2018-04-11	2016-12-27		
LANASOL RED GN	Reactive Dye	2018-04-23	2012-12-18		
LANASOL SCARLET 3G	Reactive Dye	2018-04-23	2017-07-07		
LANASOL CE					
LANASOL BLACK CE	Reactive Dye	2018-03-19	2016-07-14		

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LANASOL BLACK CE-PV	Reactive Dye	2018-03-20	2012-11-20		
LANASOL BLUE CE	Reactive Dye	2018-04-23	2012-11-26		
LANASOL BORDEAUX CE	Reactive Dye	2018-03-20	2012-11-26		
LANASOL DEEP BLACK CE-2B	Reactive Dye	2018-04-11	2012-11-27		
LANASOL DEEP BLACK CE-R	Reactive Dye	2018-04-11	2017-06-29		
LANASOL GOLDEN YELLOW CE-01	Reactive Dye	2018-04-11	2012-11-21		
LANASOL NAVY CE	Reactive Dye	2018-04-11	2012-12-07		
LANASOL NAVY CE-R	Reactive Dye	2018-04-11	2014-07-21		
LANASOL RED CE	Reactive Dye	2018-04-11	2017-12-18		
NOVACRON					
NOVACRON BLACK NN	Reactive Dye	2018-03-23	2015-03-16		
NOVACRON BLACK NS	Reactive Dye	2018-03-23	2014-12-09		
NOVACRON BR. TURQUOISE EC-GN	Reactive Dye	2018-03-23	2016-12-20	Cu 3.4%	4)
NOVACRON ORANGE BR	Reactive Dye	2018-04-11	2017-10-13		
NOVACRON® SUNFLOWER E-R	Reactive Dye	2018-10-01	2017-09-26		
Novacron C					
NOVACRON BLACK C-2G LIQ.33%	Reactive Dye	2018-03-23	2012-01-30		
NOVACRON BLACK C-3R LIQ.33%	Reactive Dye	2018-03-23	2012-01-31		
NOVACRON BLACK C-NN LIQ. 33%	Reactive Dye	2018-03-23	2015-03-16		
NOVACRON BLUE C-D	Reactive Dye	2018-03-23	2012-02-29	Cu 1.6%	4)
NOVACRON NAVY C-BN LIQ 25%	Reactive Dye	2018-03-23	2015-02-16		
NOVACRON ORANGE C-3R LIQ. 33%	Reactive Dye	2018-03-23	2016-06-08		
NOVACRON RED C-2G	Reactive Dye	2018-04-11	2017-03-09		
NOVACRON RED C-2G LIQ. 33%	Reactive Dye	2018-03-23	2015-02-18		
NOVACRON YELLOW C-5G	Reactive Dye	2018-03-23	2017-01-17		
NOVACRON YELLOW C-NPC	Reactive Dye	2018-03-23	2014-12-12		
NOVACRON YELLOW C-R	Reactive Dye	2018-10-08	2016-06-09		
NOVACRON EC					
NOVACRON BLUE EC-GC	Reactive Dye	2018-03-23	2016-06-07	Cu 1.5% formerly "NOVACRON BLUE TS-GC"	4)



Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
NOVACRON BLUE EC-R	Reactive Dye	2018-03-23	2016-11-24	Cu 3.5% formerly "NOVACRON BLUE C-R" & "NOVACRON BLUE FN-R"	4)
NOVACRON BRILLIANT RED EC-3GL	Reactive Dye	2018-04-26	2017-02-01	formerly "NOVACRON BRILLIANT RED FN-3GL"	
NOVACRON BRILLIANT YELLOW EC-4G	Reactive Dye	2018-10-08	2015-07-27		
NOVACRON DEEP RED EC-D	Reactive Dye	2018-03-23	2016-08-01	formerly "NOVACRON DEEP RED C-D"	
NOVACRON GOLDEN YELLOW C-NC	Reactive Dye	2018-04-11	2016-11-11	formerly "NOVACRON YELLOW NC"	
NOVACRON NAVY EC-BN	Reactive Dye	2018-04-11	2016-06-06	formerly "NOVACRON NAVY C-BN" & "NOVACRON NAVY FN-BN"	
NOVACRON NAVY EC-R	Reactive Dye	2018-04-11	2016-11-14	Cu 1.1% formerly "NOVACRON NAVY C-R" & "NOVACRON DARK BLUE W-R"	4)
NOVACRON ORANGE EC-3R	Reactive Dye	2018-07-30	2017-02-01	formerly "NOVACRON ORANGE C-3R" & "NOVACRON ORANGE W-3R"	
NOVACRON ORANGE EC-RN	Reactive Dye	2018-07-30	2016-10-28	formerly "NOVACRON ORANGE C-RN" & "NOVACRON ORANGE FN-R"	
NOVACRON RED EC-2BL	Reactive Dye	2018-03-23	2016-09-02	formerly "NOVACRON RED C-2BL" & "NOVACRON RED FN-2BL"	



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Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
NOVACRON RED EC-3B	Reactive Dye	2018-03-23	2016-08-16	formerly "NOVACRON RED TS-3B"	
NOVACRON SCARLET EC-6G	Reactive Dye	2018-03-23	2016-09-02	formerly "NOVACRON SCARLET C-6G" & "NOVACRON SCARLET FN-6G"	
NOVACRON YELLOW EC-2R	Reactive Dye	2018-03-23	2016-08-23	formerly "NOVACRON YELLOW C-2R" & "NOVACRON YELLOW FN-2R"	
NOVACRON YELLOW EC-RG	Reactive Dye	2018-03-23	2016-09-07	formerly "NOVACRON YELLOW C-RG"	
NOVACRON YELLOW LS-4G	Reactive Dye	2018-03-23	2012-10-10		
Novacron P					
NOVACRON BLACK P-GR 150%	Reactive Dye Reactive Dye for Printing	2018-03-21	2016-11-11		
NOVACRON BLACK P-GR liq 40%	Reactive Dye Reactive Dye for Printing	2018-06-20	2012-03-13		
NOVACRON BLUE P-3R GR	Reactive Dye	2018-09-26	2018-06-06		
NOVACRON BLUE P-3R LIQ. 40%	Reactive Dye Reactive Dye for Printing	2018-03-21	2012-03-13		
NOVACRON BRILLIANT BLUE PS-2R	Reactive Dye	2018-03-21	2013-06-19		
NOVACRON BROWN P-6R GR 150%	Reactive Dye Reactive Dye for Printing	2018-03-21	2017-07-06		
NOVACRON BROWN P-6R LIQ. 50%	Reactive Dye Reactive Dye for Printing	2018-03-21	2012-03-28		
NOVACRON GOLDEN YELLOW P-2RN GR	Reactive Dye Reactive Dye for Printing	2018-03-21	2012-06-01		
NOVACRON GOLDEN YELLOW P-2RN LIQ. 33%	Reactive Dye Reactive Dye for Printing	2018-03-21	2015-02-02		
NOVACRON NAVY P-2R	Reactive Dye Reactive Dye for Printing	2018-03-21	2016-09-26		
NOVACRON NAVY P-2R LIQ. 33%	Reactive Dye Reactive Dye for Printing	2018-03-21	2012-08-13		
NOVACRON ORANGE P-2R GR	Reactive Dye Reactive Dye for Printing	2018-03-21	2016-09-27		
NOVACRON ORANGE P-2R LIQ. 40%	Reactive Dye Reactive Dye for Printing	2018-03-21	2015-02-17		
NOVACRON ORANGE P-4R GR	Reactive Dye Reactive Dye for Printing	2018-04-11	2017-02-27		

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Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
NOVACRON ORANGE P-4R LIQ. 40%	Reactive Dye Reactive Dye for Printing	2018-04-11	2017-11-29		
NOVACRON RED P-2B	Reactive Dye	2018-03-21	2016-12-08		
NOVACRON RED P-4B LIQ. 33%	Reactive Dye Reactive Dye for Printing	2018-04-11	2017-03-31		
NOVACRON RED P-6B GR 150%	Reactive Dye Reactive Dye for Printing	2018-04-11	2017-02-06		
NOVACRON RED P-6B LIQ 33%	Reactive Dye Reactive Dye for Printing	2018-03-21	2012-09-12		
NOVACRON RED P-BN GR	Reactive Dye Reactive Dye for Printing	2018-03-21	2012-09-12		
NOVACRON RED P-BN LIQ. 33%	Reactive Dye Reactive Dye for Printing	2018-03-21	2012-02-19		
NOVACRON TURQUOISE P-GR 150%	Reactive Dye Reactive Dye for Printing	2018-03-21	2017-09-25	Cu 3.6%	4)
NOVACRON TURQUOISE P-GR LIQ. 50%	Reactive Dye Reactive Dye for Printing	2018-03-21	2015-02-20	Cu 0.9%	4)
NOVACRON YELLOW P-6GS LIQ.	Reactive Dye Reactive Dye for Printing	2018-03-21	2017-09-29		
NOVACRON S					
NOVACRON DARK BLUE S-GL IN	Reactive Dye	2018-04-11	2015-03-31	Cu 0.8%	4)
NOVACRON DEEP CHERRY S-D	Reactive Dye	2018-03-21	2016-02-23		
NOVACRON NAVY S-G	Reactive Dye	2018-04-11	2017-12-20		
NOVACRON NAVY S-GI	Reactive Dye	2018-10-08	2017-09-19		
NOVACRON OCEAN S-R	Reactive Dye	2018-04-11	2018-04-10	AOX 0.9%	15)
NOVACRON RED S-2G	Reactive Dye	2018-04-11	2017-09-25		
NOVACRON RED S-B	Reactive Dye	2018-03-21	2016-10-10		
NOVACRON RUBY S-3B	Reactive Dye	2018-04-11	2016-10-10		
NOVACRON SUPER BLACK G	Reactive Dye	2018-04-26	2017-07-19		
NOVACRON SUPER BLACK G IN	Reactive Dye	2018-10-08	2017-07-19		
NOVACRON SUPER BLACK R	Reactive Dye	2018-03-21	2012-10-01		
NOVACRON YELLOW S-3R	Reactive Dye	2018-04-26	2016-08-29		
NOVACRON TS					
NOVACRON BLUE TS-3G	Reactive Dye	2018-04-12	2017-01-12	Cu 2.1%	4)
NOVACRON YELLOW TS-3R	Reactive Dye	2018-03-21	2012-10-16		
Novacron W					
NOVACRON BLACK W-FL	Reactive Dye	2018-04-10	2017-12-26		
NOVACRON BRILLIANT BLUE W-BR	Reactive Dye	2018-04-11	2012-03-20		

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
NOVACRON COBALT BLUE W-R	Reactive Dye	2018-01-15	2017-12-13		
NOVACRON NAVY W-B	Reactive Dye	2018-04-11	2016-12-26		
NOVACRON XKS					
NOVACRON BLUE XKS HD 6000	Reactive Dye	2018-03-21	2014-10-03		
NOVACRON GREY XKS HD 8000	Reactive Dye	2018-03-21	2014-10-03		
NOVACRON GREY XKS-801	Reactive Dye	2018-03-21	2014-10-03		
NOVACRON MAGENTA XKS HD 5000	Reactive Dye	2018-03-21	2014-11-24		
NOVACRON RED XKS HD 4500	Reactive Dye	2018-03-21	2014-10-03		
NOVACRON RED XKS-450	Reactive Dye	2018-03-21	2014-05-05		
ORANGE SE BT					
AVITERA® ORANGE SE BT	Reactive Dye	2018-10-01	2016-06-14		

Colourants: Reactive Dye for Printing

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
NOVACRON XKS					
NOVACRON ORANGE XKS HD 3000	Reactive Dye for Printing	2018-09-26	2018-05-16		
NOVACRON® BLACK XKS HD 9000	Reactive Dye for Printing	2018-10-01	2018-08-28		
NOVACRON® STRONG BLACK XKS HL	Reactive Dye for Printing	2018-09-28	2017-02-02		
NOVACRON® TURQUOISE XKS HD 7000	Reactive Dye for Printing	2018-09-26	2016-07-18	Cu 0.08%	4)

Colourants: Vat Dye

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
NOVASOL					
NOVASOL BLACK B MD	Vat Dye	2018-04-11	2015-12-08		
NOVASOL BLACK RC MD	Vat Dye	2018-03-21	2016-04-25		
NOVASOL BLUE CL MD	Vat Dye	2018-03-21	2015-04-27		



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NOVASOL BLUE RS MD	Vat Dye	2018-03-21	2013-01-22		
NOVASOL BROWN BR MD	Vat Dye	2018-03-21	2013-02-11		
NOVASOL GREY P2R MD	Vat Dye	2018-10-08	2016-01-24		
NOVASOL OLIVE 2R MD	Vat Dye	2018-04-11	2016-06-03	formerly Novasol Olive 2R-01 MD	
NOVASOL OLIVE S MD	Vat Dye	2018-03-20	2014-08-26	formerly Novasol Olive S-01 MD	
NOVASOL ORANGE 3R MD	Vat Dye	2018-03-20	2014-10-08		
NOVASOL RED 2B MD	Vat Dye	2018-04-26	2014-04-23		
NOVASOL RED 6B MD	Vat Dye	2018-03-20	2014-04-23		

4) Exceptionally, up to 5% Copper (Cu) may be present in blue, green and turquoise colorants. (acc. to GOTS 2.4.6 and 2.4.7)

15) This colourant/ input does contain permanent organically bound halogen, which could contribute to the AOX-value of the waste water. It could be shown that limit values are not exceeded during standard applications. In order to avoid AOX-residues in waste water and on the textile, please contact your supplier regarding suitable processes, and if in doubt, carry out your own testing. (acc to GOTS and manual 2.3.1, 2.4.7 and 2.4.15).

Total number of inputs (colourants / textiles auxiliaries) listed on this letter of approval: 322

This Letter of Approval is valid until a new GOTS version is implemented.

ECOCERT GREENLIFE

Issued in: L'Isle Jourdain

2018-10-11

Matthieu Bouffartigue

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N° Siret 509 534 095 00013

This letter of approval replaces any previous issue(s).

The issuing body can withdraw this letter of approval before it expires if the declared approval is no longer guaranteed.

The company for which the inputs have been assessed remains responsible for the correctness and completeness of the provided data as well as for the continued compliance with the applicable criteria of GOTS. Relevant information on any of the approved inputs, of which knowledge has been obtained after this approval letter has been issued, must be forwarded to the issuing body without delay.

Accredited by: COFRAC, Accreditation N°: 5-0520, Products and Services certification, scope available on www.cofrac.fr

This electronically issued document is the valid original version.

WARNING: The approval of the chemical input(s) listed above is PERSONAL to the beneficiary named herein, and the BUYERS of the chemical input(s) ARE IN NO EVENT AUTHORIZED TO MAKE REFERENCE TO THE APPROVAL BY ECOCERT GREENLIFE OR TO USE AN ECOCERT LOGO, whether in its communication or on the packaging or labeling of the chemical input(s) or of a textile GOTS.