

# LETTER OF APPROVAL

## for Colourants / Textile Auxiliaries

### No. GOTS-IMO-01-00001

IMOsSwiss AG 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 4.0

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: Dyeing

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
ALBAFIX					
ALBAFIX WFF	Dyeing	2015-03-05	2014-04-16		
ALBAFLOW					
ALBAFLOW CIR	Dyeing	2015-03-05	2011-01-28		
ALBAFLOW CONTI	Dyeing	2015-03-05	2012-08-20		
ALBAFLOW E3-PAC	Dyeing	2014-12-11	2014-10-06		
ALBAFLOW FFA-01	Dyeing	2015-03-05	2012-04-13		
ALBAFLOW FFC-01	Dyeing	2015-03-05	2013-03-20		
ALBAFLOW FFW	Dyeing	2015-03-05	2014-05-12		
ALBAFLOW JET	Dyeing	2015-03-05	2013-12-03		
ALBAFLOW PAD	Dyeing	2015-03-05	2011-05-02		
ALBAFLOW SF PLUS	Dyeing	2015-03-05	2014-11-11		
ALBAFLOW UNI	Dyeing	2015-03-13	2012-02-07		

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Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
ALBAFLOW UNI-01	Dyeing	2015-03-05	2012-02-20		
<b>ALBAFLUID</b>					
ALBAFLUID A	Dyeing	2015-03-05	2011-02-18		
ALBAFLUID C	Dyeing	2015-03-05	2011-06-15		
ALBAFLUID CD	Dyeing	2015-03-05	2014-02-18		
ALBAFLUID E3-DLM	Dyeing	2014-12-11	2014-02-18		
<b>ALBATEX</b>					
ALBATEX AB-45	Dyeing	2015-03-05	2012-01-05		
ALBATEX AB-55	Dyeing	2015-03-05	2011-06-15		
ALBATEX AD	Dyeing	2015-03-13	2011-04-12		
ALBATEX AD-01	Dyeing	2015-06-23	2012-09-12		
ALBATEX CO	Dyeing	2015-03-05	2012-03-26		
ALBATEX DBC	Dyeing	2015-03-05	2011-04-12		
ALBATEX DBS	Dyeing	2015-03-05	2013-07-10		
ALBATEX DS	Dyeing	2015-03-05	2011-06-22		
ALBATEX E3-DCC	Dyeing	2014-12-11	2014-10-06		
ALBATEX OR	Dyeing	2015-03-05	2012-02-10		
ALBATEX SA-200	Dyeing	2015-03-05	2014-03-25		
ALBATEX VAT	Dyeing	2015-03-05	2014-03-04		
<b>ERIONAL</b>					
ERIONAL FRN	Dyeing	2015-03-16	2013-08-14		
ERIONAL PCL	Dyeing Fixing	2015-03-05	2013-10-30		
<b>ERIOPON</b>					
ERIOPON CRN NEW	Dyeing	2015-03-16	2012-11-20		
ERIOPON E3-WOC	Dyeing	2014-12-17	2014-06-06		
ERIOPON OLS	Dyeing	2015-03-05	2012-12-19		
ERIOPON R	Dyeing	2015-03-05	2011-10-27		
ERIOPON R LIQ.	Dyeing	2015-03-05	2014-08-08		
ERIOPON WFE	Dyeing	2015-03-05	2014-08-08		

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Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
<b>INVALON</b>					
INVALON DAM	Dyeing	2015-03-05	2010-10-07		
INVALON DAM 50% LIQ	Dyeing	2015-03-18	2011-06-24		
<b>MIRALAN</b>					
MIRALAN Q-01	Dyeing	2015-09-22	2015-02-11		
<b>THERMACOL</b>					
THERMACOL MIN	Dyeing	2015-03-05	2012-02-15		
THERMACOL MP	Dyeing	2015-03-16	2014-11-18		
THERMACOL PN	Dyeing	2015-03-05	2012-02-03		
<b>UNIVADINE</b>					
UNIVADINE DPL	Dyeing	2015-03-06	2014-03-12		
UNIVADINE LD-NF	Dyeing	2014-04-25	2014-02-18		
UNIVADINE MC	Dyeing	2015-03-06	2013-03-13		
UNIVADINE TOP	Dyeing	2015-03-06	2014-09-09		

**Auxiliaries: Easy Care Finishing**

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
<b>DICRYLAN</b>					
DICRYLAN BSRN	Easy Care Finishing	2014-12-11	2013-07-11		
DICRYLAN PSF	Easy Care Finishing	2015-03-18	2014-09-09		
DICRYLAN-THICKENER HV 30	Easy Care Finishing	2015-12-09	2014-03-26	Must not be used for	
<b>KNITTEX</b>					
KNITTEX FF	Easy Care Finishing	2015-03-13	2014-09-19		
KNITTEX FFRC	Easy Care Finishing	2014-12-11	2014-09-19		
<b>KNITTEX-CATALYST</b>					
KNITTEX-CATALYST MO	Easy Care Finishing	2014-12-11	2014-09-24		
KNITTEX-CATALYST UMP	Easy Care Finishing	2014-12-17	2012-02-08		

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
<b>TURPEX</b>					
TURPEX ACN NEW	Easy Care Finishing	2014-12-11	2014-05-09		
<b>ULTRAPHIL</b>					
ULTRAPHIL HCT	Easy Care Finishing	2014-12-17	2012-05-14		
ULTRAPHIL PA	Easy Care Finishing	2014-12-17	2012-03-12		
<b>ULTRATEX</b>					
ULTRATEX EMJ	Easy Care Finishing	2014-12-17	2011-09-02		
ULTRATEX FMI	Easy Care Finishing	2014-12-17	2011-10-18		
ULTRATEX SI	Easy Care Finishing	2014-12-17	2014-07-07		
ULTRATEX STS-D	Easy Care Finishing	2015-11-23	2015-05-13		
<b>ZEROSTAT</b>					
ZEROSTAT FC NEW	Easy Care Finishing	2015-02-26	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
<b>FORNAX</b>					
FORNAX K CONC	Finishing	2014-04-25	2010-09-23		
FORNAX W	Finishing	2014-12-11	2012-02-07		
<b>PHOBOL</b>					
PHOBOL EXTENDER XAN	Finishing	2015-04-30	2013-03-12		
<b>PHOBOTEX</b>					
PHOBOTEX ZAN	Finishing	2015-04-30	2013-03-15		
<b>ULTRAPHIL</b>					
ULTRAPHIL HSD	Finishing	2015-03-16	2012-03-07		
<b>ULTRATEX</b>					
ULTRATEX FH NEW	Finishing	2014-12-17	2012-03-06		
ULTRATEX FMW	Finishing	2014-12-17	2010-10-15		

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
ULTRATEX UM NEW	Finishing	2014-12-17	2012-02-10		

### Auxiliaries: Flame Retardant

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
FLOVAN					
FLOVAN CGN	Flame Retardant	2015-02-27	2013-01-18		

### Auxiliaries: Ink Jet Printing

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
PREPAJET					
PREPAJET UNI	Ink Jet Printing	2016-03-08	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	2015-02-26	2014-06-18		
UVITEX 4BB-I	Optical Brightener	2015-11-06	2014-09-08		
UVITEX BB-S CONC	Optical Brightener	2015-04-02	2011-06-29		
UVITEX BBT LIQ.	Optical Brightener	2015-03-03	2015-03-02		
UVITEX BFW LIQ.	Optical Brightener	2015-03-16	2010-06-08		
UVITEX BH-B LIQ.	Optical Brightener	2015-03-10	2015-09-15	formerly UVITEX BHB LIQ.	
UVITEX BH-BS LIQ.	Optical Brightener	2015-03-16	2015-09-15	formerly UVITEX BB-S LIQ.	
UVITEX BH-V LIQ.	Optical Brightener	2015-03-10	2015-09-15	formerly UVITEX BHV LIQ.	

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Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
UVITEX BHA LIQ.	Optical Brightener	2015-07-16	2015-06-11		
UVITEX BHR 200%	Optical Brightener	2015-03-16	2015-09-15	formerly UVITEX CF 200%	
UVITEX BHR 530%	Optical Brightener	2015-03-16	2015-09-15	formerly UVITEX CF 530%	
UVITEX BHT 180%	Optical Brightener	2015-03-16	2011-08-22		
UVITEX BHT HC	Optical Brightener	2015-02-26	2013-11-05		
UVITEX BHT LIQ.115%	Optical Brightener	2015-02-26	2012-10-22		
UVITEX BHT-B 180%	Optical Brightener	2015-02-26	2012-07-12		
UVITEX BLW LIQ.	Optical Brightener	2015-02-26	2015-09-15	formerly UVITEX BFA LIQ.	
UVITEX BME 350%	Optical Brightener	2015-02-26	2015-09-14	formerly UVITEX BAM 350%	
UVITEX BME LIQ.	Optical Brightener	2015-02-26	2015-09-15	formerly UVITEX BAM LIQ.	
UVITEX BMR LIQ.	Optical Brightener	2015-03-16	2015-09-15	formerly UVITEX RSB LIQ. 150%	
UVITEX BMU LIQ.	Optical Brightener	2014-11-18	2014-02-05		
UVITEX BMU-B LIQ	Optical Brightener	2014-11-17	2012-10-29		
UVITEX BMU-V LIQ	Optical Brightener	2014-11-17	2012-10-29		
UVITEX BST LIQ.-I	Optical Brightener	2015-03-03	2015-03-02		
UVITEX BV-S CONC	Optical Brightener	2015-03-03	2015-03-02		
UVITEX BV-S Liq	Optical Brightener	2015-03-16	2011-08-19		
UVITEX EHR	Optical Brightener	2015-10-20	2015-09-16	formerly UVITEX ERH	
UVITEX NFW LIQ.	Optical Brightener	2015-02-27	2012-09-12		
UVITEX NFW-V LIQ.	Optical Brightener	2015-03-16	2015-09-15	formerly UVITEX NFW-S LIQ.	
UVITEX NLF LIQ.	Optical Brightener	2015-02-26	2015-09-15	formerly UVITEX PLF LIQ.	
UVITEX RSW LIQ.	Optical Brightener	2015-07-16	2015-06-11		
UVITEX UBR LIQ.-I	Optical Brightener	2015-03-16	2012-03-20		
UVITEX UBS LIQ.-I	Optical Brightener	2015-04-02	2014-11-17		

**Auxiliaries: Pigment Printing**

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
<b>LYOPRINT</b>					
LYOPRINT PT-RV NEW	Pigment Printing	2014-12-11	2014-10-03		

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
LYOPRINT RT-BC-01	Pigment Printing	2015-05-15	2015-05-11		

## Auxiliaries: Pre-treatment

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
<b>CLARITE</b>					
CLARITE 3X	Pre-treatment	2014-12-11	2014-11-11		
CLARITE BP854	Pre-treatment	2014-12-11	2014-11-10		
CLARITE CBB	Pre-treatment	2015-03-13	2011-04-06		
CLARITE COM	Pre-treatment	2015-03-13	2011-04-12		
CLARITE CPB NEW	Pre-treatment	2014-12-11	2014-10-28		
CLARITE LTC	Pre-treatment	2015-03-13	2011-12-01		
CLARITE MAX	Pre-treatment	2014-12-11	2012-02-13		
CLARITE ONE	Pre-treatment	2015-03-10	2011-12-01		
CLARITE SPE NEW	Pre-treatment	2014-08-22	2014-05-26		
CLARITE WIN	Pre-treatment	2014-12-17	2014-12-16		
<b>FUMEXOL</b>					
FUMEXOL 100	Pre-treatment	2014-12-11	2011-02-25		
FUMEXOL DFN	Pre-treatment	2014-12-11	2011-04-08		
<b>INVADINE</b>					
INVADINE MR	Pre-treatment	2014-12-11	2012-02-09		
<b>INVATEX</b>					
INVATEX AC	Pre-treatment	2015-03-10	2014-02-11		
INVATEX CRA	Pre-treatment	2014-12-11	2014-06-02		
INVATEX DSB	Pre-treatment	2014-12-11	2011-04-12		
INVATEX ED	Pre-treatment	2014-12-11	2014-06-23		
INVATEX PC NEW	Pre-treatment	2015-03-10	2011-06-30		
INVATEX SA	Pre-treatment	2015-03-13	2014-02-11		
<b>ULTRAVON</b>					
ULTRAVON CN	Pre-treatment	2015-03-16	2014-05-06		

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
ULTRAVON CX	Pre-treatment	2014-12-11	2011-06-30		
ULTRAVON EL	Pre-treatment	2014-12-11	2012-02-10		
ULTRAVON JUN	Pre-treatment	2014-08-22	2011-01-07		
ULTRAVON SX	Pre-treatment	2014-12-17	2010-12-07		
ULTRAVON TC	Pre-treatment	2014-12-11	2010-12-15		

### Auxiliaries: Printing (other)

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
DICRYLAN AC-01	Printing (other)	2015-12-03	2013-08-05	Must not be used for coating	
INK DILUENT AR	Printing (other)	2015-03-13	2011-05-10		
CLEANJET					
CLEANJET PLUS	Printing (other)	2015-09-22	2014-10-14		
LYOPRINT					
LYOPRINT AP	Printing (other)	2015-03-05	2014-07-09		
LYOPRINT ATP-30	Printing (other)	2015-03-13	2011-02-21		
LYOPRINT LFF	Printing (other)	2015-03-16	2013-04-10		
LYOPRINT PBA	Printing (other)	2015-03-16	2012-03-22		
LYOPRINT RD-HT-02	Printing (other)	2016-08-05	2016-08-05		
LYOPRINT RG	Printing (other)	2015-03-10	2008-10-23		
PREPAJET					
PREPAJET PIJ	Printing (other)	2015-03-05	2012-03-23		

### Auxiliaries: Softener

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
DICRYLAN					
DICRYLAN WK NEW	Softener	2014-12-11	2013-09-20		



Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
<b>MEGASOFT</b>					
MEGASOFT CEC 01	Softener	2014-04-25	2013-01-18		
MEGASOFT JET LF 01	Softener	2014-04-25	2013-02-04		
MEGASOFT WIN	Softener	2016-01-12	2015-05-19		
<b>SAPAMINE</b>					
SAPAMINE CSN	Softener	2014-12-11	2013-03-31		
SAPAMINE FPG	Softener	2015-03-13	2013-09-20		
SAPAMINE MS	Softener	2014-12-11	2012-03-07		
SAPAMINE OC	Softener	2015-03-13	2011-10-27		

## Colourants: Acid Dye

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
<b>Erionyl</b>					
ERIONYL NAVY A-R	Acid Dye	2015-03-05	2014-09-09		
ERIONYL RED B-10B-01	Acid Dye	2015-03-05	2011-07-07		
ERIONYL RED B-RLS-02	Acid Dye	2015-03-05	2014-09-09		
ERIONYL RED B-RLS-03	Acid Dye	2015-03-05	2012-03-19		
ERIONYL TURQUOISE A-G	Acid Dye	2015-03-05	2014-03-31	Cu 5.0%	4)
ERIONYL YELLOW A-R	Acid Dye	2015-03-05	2011-03-07		
<b>Tectilon</b>					
TECTILON BLUE 4R-01 200%	Acid Dye	2015-03-12	2011-03-01		
TECTILON RED 2B 200%	Acid Dye	2015-03-16	2011-02-25		
TECTILON YELLOW 4R 200%	Acid Dye	2015-03-12	2012-04-17		

## Colourants: Direct Dye

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
<b>SOLOPHENYL</b>					
SOLOPHENYL BLACK FGE 600%	Direct Dye	2015-03-16	2011-10-12		

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
SOLOPHENYL BLACK FR	Direct Dye	2015-03-11	2014-05-13		
SOLOPHENYL BLUE FGLE 220%	Direct Dye	2015-03-11	2012-02-10		
SOLOPHENYL BLUE GL 250%	Direct Dye	2015-03-11	2012-02-10		
SOLOPHENYL BLUE TLE	Direct Dye	2015-03-11	2011-07-19	Cu 3.4%	
SOLOPHENYL ORANGE ARLE 220%	Direct Dye	2015-03-11	2011-05-25		
SOLOPHENYL ORANGE TGL 182%	Direct Dye	2015-03-16	2014-10-10		
SOLOPHENYL RED 3BL 140%	Direct Dye	2015-03-11	2011-10-13		
SOLOPHENYL RED 4GE	Direct Dye	2015-03-11	2012-02-10		
SOLOPHENYL SCARLET BNLE 200%	Direct Dye	2015-03-16	2014-05-13		
SOLOPHENYL YELLOW ARLE 154%	Direct Dye	2015-03-11	2014-10-10		
SOLOPHENYL YELLOW GLE	Direct Dye	2015-03-11	2012-04-17		

## Colourants: Disperse Dye

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
<b>TERASIL</b>					
TERASIL BLUE BG-02 200%	Disperse Dye	2015-03-12	2012-04-11		
TERASIL BLUE BGE-01 200%	Disperse Dye	2015-03-13	2011-03-04		
<b>TERASIL LF</b>					
TERASIL RED LF	Disperse Dye	2015-03-13	2012-03-28		
<b>TERASIL SD</b>					
TERASIL RED SD-01	Disperse Dye	2015-03-16	2014-03-13	AOX 0.4%	15)
<b>TERASIL W</b>					
TERASIL GOLDEN YELLOW W-3R	Disperse Dye	2015-03-13	2011-02-04		
TERASIL ROYAL BLUE W-EL	Disperse Dye	2015-03-13	2012-03-28		
TERASIL TURQUOISE W-XN	Disperse Dye	2015-03-13	2010-03-03		
TERASIL YELLOW W-6GS	Disperse Dye	2015-03-13	2011-05-10		
<b>TERASIL WW</b>					
TERASIL BLACK WW-KSN	Disperse Dye	2015-03-13	2011-02-21		

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Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
TERASIL BLUE WW-2GS	Disperse Dye	2015-03-13	2012-02-20		
TERASIL NAVY WW-GSN	Disperse Dye	2015-03-13	2011-11-16		
TERASIL RED WW-BFS 200%	Disperse Dye	2015-03-13	2011-03-07		
TERASIL RED WW-BFS-01 200%	Disperse Dye	2015-03-13	2012-01-17		
TERASIL VIOLET WW-2RS	Disperse Dye	2015-03-13	2011-03-07		
<b>TERATOP</b>					
TERATOP BLUE BGE	Disperse Dye	2015-03-13	2011-03-08		
<b>TERATOP HL</b>					
TERATOP YELLOW HL-RS 200%	Disperse Dye	2015-03-13	2010-09-28		

**Colourants: Ink for Digital Printing**

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
<b>LANASET SI</b>					
LANASET BLUE SI HS-5400	Ink for Digital Printing	2015-03-05	2012-03-20		
LANASET RED SI HS-5200	Ink for Digital Printing	2015-03-06	2013-02-20		
LANASET RED SI HS-5300	Ink for Digital Printing	2015-03-06	2012-05-08		
LANASET TURQUOISE SI HS-5500	Ink for Digital Printing	2015-03-06	2012-05-08	Cu 0.5%	4)
LANASET YELLOW SI HS-5100	Ink for Digital Printing	2015-03-06	2010-09-13		
<b>LYOSPERSE GP</b>					
LYOSPERSE BLACK GP-900	Ink for Digital Printing	2015-03-06	2013-12-17		
LYOSPERSE CYAN GP-500	Ink for Digital Printing	2015-03-06	2012-05-08	Cu 0.5%	4)
LYOSPERSE MAGENTA GP-400	Ink for Digital Printing	2015-03-06	2012-05-08		
LYOSPERSE RED GP-300	Ink for Digital Printing	2015-03-06	2013-04-17		
LYOSPERSE YELLOW GP-100	Ink for Digital Printing	2015-03-06	2012-05-08		
<b>NOVACRON MI</b>					
NOVACRON BLUE MI-600	Ink for Digital Printing	2015-03-05	2011-06-23		
NOVACRON DEEP BLACK MI-2000	Ink for Digital Printing	2015-03-05	2014-07-23		
NOVACRON GOLDEN YELLOW MI-200	Ink for Digital Printing	2015-03-05	2011-06-21		

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NOVACRON GREY MI-800	Ink for Digital Printing	2015-03-05	2011-06-24		
NOVACRON ORANGE MI-300	Ink for Digital Printing	2015-03-05	2011-06-22		
NOVACRON RED MI-400	Ink for Digital Printing	2015-03-05	2011-05-19		
NOVACRON RED MI-500	Ink for Digital Printing	2015-03-05	2011-06-23		
NOVACRON TURQUOISE MI-700	Ink for Digital Printing	2015-03-05	2011-06-23	Cu 0.5%	4)
NOVACRON YELLOW MI-100	Ink for Digital Printing	2015-03-05	2011-06-21		
<b>NOVACRON XKS</b>					
NOVACRON BLUE XKS 601	Ink for Digital Printing	2015-03-05	2012-03-26		
NOVACRON DEEP BLACK XKS-2001	Ink for Digital Printing	2014-04-25	2013-03-25		
NOVACRON GOLDEN YELLOW XKS-203	Ink for Digital Printing	2015-04-02	2014-05-13		
NOVACRON MAGENTA XKS 501	Ink for Digital Printing	2015-03-06	2013-02-13		
NOVACRON ORANGE XKS 301	Ink for Digital Printing	2015-03-06	2013-03-25		
NOVACRON RED XKS-402	Ink for Digital Printing	2014-04-25	2012-01-23		
NOVACRON RED XKS-403	Ink for Digital Printing	2014-04-25	2012-03-26		
NOVACRON TURQUOISE XKS-701	Ink for Digital Printing	2015-04-02	2011-07-11	Cu 0.4%	4)
NOVACRON YELLOW XKS 101	Ink for Digital Printing	2015-03-06	2011-06-02		
NOVACRON YELLOW XKS HD 1000	Ink for Digital Printing	2015-09-22	2015-06-12		
NOVACRON YELLOW XKS-102	Ink for Digital Printing	2014-04-25	2012-03-26		

**Colourants: Reactive Dye**

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
<b>AVITERA</b>					
AVITERA BLACK SE	Reactive Dye	2015-06-22	2014-10-08		
AVITERA BLUE SE	Reactive Dye	2014-04-16	2015-05-20	Cu 3.4 %	4)
AVITERA BRILLIANT YELLOW SE	Reactive Dye	2015-03-16	2014-08-12		
AVITERA CARDINAL SE	Reactive Dye	2015-03-05	2013-01-16		
AVITERA DEEP BLUE SE	Reactive Dye	2015-03-05	2011-07-28		

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Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
AVITERA DEEP SEA SE	Reactive Dye	2015-03-18	2014-09-05		
AVITERA GOLD SE	Reactive Dye	2016-11-03	2016-10-27		
AVITERA LIGHT BLUE SE	Reactive Dye	2014-04-16	2015-05-20	Cu 4.8 %	4)
AVITERA LIGHT RED SE	Reactive Dye	2015-03-05	2012-11-07		
AVITERA NAVY SE	Reactive Dye	2015-03-05	2011-12-09		
AVITERA ORANGE SE	Reactive Dye	2015-03-05	2012-08-29		
AVITERA RED SE	Reactive Dye	2015-03-13	2011-10-05		
AVITERA YELLOW SE	Reactive Dye	2015-03-13	2011-10-05		
AVITERA® SKY SE	Reactive Dye	2016-11-03	2015-12-07	Cu 2.4%	4)
<b>ERIOFAST</b>					
ERIOFAST BLUE 3R	Reactive Dye	2015-03-05	2011-11-15		
ERIOFAST ORANGE 4R	Reactive Dye	2015-03-05	2011-01-06		
ERIOFAST RED 2B	Reactive Dye	2015-03-05	2011-01-06		
ERIOFAST YELLOW R	Reactive Dye	2015-03-05	2010-11-04		
<b>Lanasol</b>					
LANASOL BLUE 3G	Reactive Dye	2015-02-26	2014-03-12		
LANASOL BLUE 8G-01 150%	Reactive Dye	2015-03-05	2014-03-12	Cu 3.8%	4)
LANASOL NAVY B-01	Reactive Dye	2015-03-05	2014-03-12		
LANASOL RED 2G	Reactive Dye	2015-02-26	2011-07-25		
LANASOL RED 5B	Reactive Dye	2015-02-26	2014-03-12		
LANASOL RED 6G	Reactive Dye	2015-02-26	2011-02-18		
LANASOL RED B	Reactive Dye	2015-03-05	2011-01-26		
LANASOL RED GN	Reactive Dye	2015-02-26	2014-03-12		
LANASOL SCARLET 3G	Reactive Dye	2015-02-26	2014-03-13		
<b>LANASOL CE</b>					
LANASOL BLACK CE	Reactive Dye	2015-03-05	2011-01-27		
LANASOL BLACK CE-PV	Reactive Dye	2015-03-05	2011-07-12		
LANASOL BLUE CE	Reactive Dye	2015-02-26	2010-11-08		
LANASOL BORDEAUX CE	Reactive Dye	2015-03-05	2011-07-22		

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LANASOL DEEP BLACK CE-2B	Reactive Dye	2015-03-05	2010-12-16		
LANASOL DEEP BLACK CE-R	Reactive Dye	2015-03-05	2012-09-10		
LANASOL GOLDEN YELLOW CE-01	Reactive Dye	2015-03-05	2012-11-29		
LANASOL NAVY CE	Reactive Dye	2015-03-05	2011-07-18		
LANASOL NAVY CE-R	Reactive Dye	2015-03-05	2012-02-20		
LANASOL RED CE	Reactive Dye	2015-02-26	2011-07-22		
<b>NOVACRON</b>					
NOVACRON BLACK NN	Reactive Dye	2015-03-05	2010-09-27		
NOVACRON BLACK NS	Reactive Dye	2015-02-06	2014-12-09		
NOVACRON BR. TURQUOISE EC-GN	Reactive Dye	2015-09-21	2014-10-13	Cu 3.4%	4)
NOVACRON ORANGE BR	Reactive Dye	2015-03-05	2011-03-30		
NOVACRON YELLOW NP	Reactive Dye	2015-03-05	2011-10-10		
<b>Novacron C</b>					
NOVACRON BLACK C-2G LIQ.33%	Reactive Dye	2015-03-05	2011-10-10		
NOVACRON BLACK C-3R LIQ.33%	Reactive Dye	2015-03-05	2011-09-22		
NOVACRON BLACK C-NN LIQ. 33%	Reactive Dye	2015-03-05	2014-03-31		
NOVACRON BLUE C-D	Reactive Dye	2015-03-05	2012-02-29	Cu 1.6%	4)
NOVACRON NAVY C-BN liq 25%	Reactive Dye	2015-03-05	2011-03-29		
NOVACRON ORANGE C-3R LIQ. 33%	Reactive Dye	2015-03-05	2011-03-30		
NOVACRON RED C-2G	Reactive Dye	2015-03-11	2014-07-01		
NOVACRON RED C-2G LIQ. 33%	Reactive Dye	2015-03-11	2011-04-06		
NOVACRON YELLOW C-5G	Reactive Dye	2015-03-05	2010-10-07		
NOVACRON YELLOW C-NPC	Reactive Dye	2015-06-22	2014-12-12		
NOVACRON YELLOW C-R	Reactive Dye	2015-03-10	2014-05-13		
<b>NOVACRON EC</b>					
NOVACRON BLUE EC-GC	Reactive Dye	2015-03-05	2016-06-07	Cu 1.5% formerly "NOVACRON BLUE TS-GC"	4)
NOVACRON BLUE EC-R	Reactive Dye	2015-03-10	2016-06-06	Cu 3.5% formerly "NOVACRON BLUE C-R" & "NOVACRON BLUE FN-R"	4)

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Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
NOVACRON BRILLIANT RED EC-3GL	Reactive Dye	2015-03-05	2015-09-09	formerly "NOVACRON BRILLIANT RED FN-3GL"	
NOVACRON BRILLIANT TURQUOISE EC-GN	Reactive Dye	2015-03-05	2016-06-28	Cu 2.0% formerly "NOVACRON TURQUOISE GN"	4)
NOVACRON BRILLIANT YELLOW EC-4G	Reactive Dye	2016-07-19	2016-06-14		
NOVACRON DEEP RED EC-D	Reactive Dye	2015-03-05	2016-06-16	formerly "NOVACRON DEEP RED C-D"	
NOVACRON GOLDEN YELLOW C-NC	Reactive Dye	2015-03-06	2016-06-06	formerly "NOVACRON YELLOW NC"	
NOVACRON NAVY EC-BN	Reactive Dye	2015-03-05	2016-06-06	formerly "NOVACRON NAVY C-BN" & "NOVACRON NAVY FN-BN"	
NOVACRON NAVY EC-R	Reactive Dye	2015-03-10	2016-06-24	Cu 1.1% formerly "NOVACRON NAVY C-R" & "NOVACRON DARK BLUE W-R"	4)
NOVACRON OLIVE EC-NC	Reactive Dye	2015-04-02	2016-07-07	Cu 3.6% formerly "NOVACRON OLIVE NC"	4)
NOVACRON ORANGE EC-3R	Reactive Dye	2015-03-05	2015-05-04	formerly "NOVACRON ORANGE C-3R" & "NOVACRON ORANGE W-3R"	
NOVACRON ORANGE EC-RN	Reactive Dye	2015-03-05	2016-07-26	formerly "NOVACRON ORANGE C-RN" & "NOVACRON ORANGE FN-R"	

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NOVACRON RED EC-2BL	Reactive Dye	2015-03-05	2016-06-06	formerly "NOVACRON RED C-2BL" & "NOVACRON RED FN-2BL"	
NOVACRON RED EC-3B	Reactive Dye	2015-03-05	2016-03-17	formerly "NOVACRON RED TS-3B"	
NOVACRON SCARLET EC-6G	Reactive Dye	2015-03-05	2016-06-03	formerly "NOVACRON SCARLET C-6G" & "NOVACRON SCARLET FN-6G"	
NOVACRON YELLOW EC-2R	Reactive Dye	2015-03-05	2015-04-27	formerly "NOVACRON YELLOW C-2R" & "NOVACRON YELLOW FN-2R"	
NOVACRON YELLOW EC-RG	Reactive Dye	2015-03-05	2015-09-16	formerly "NOVACRON YELLOW C-RG"	
NOVACRON YELLOW LS-4G	Reactive Dye	2015-03-06	2011-07-14		
<b>Novacron P</b>					
NOVACRON BLACK P-GR 150%	Reactive Dye Reactive Dye for Printing	2015-04-02	2014-02-05		
NOVACRON BLACK P-GR liq 40%	Reactive Dye Reactive Dye for Printing	2015-03-05	2012-08-03		
NOVACRON BLUE P-3R GR	Reactive Dye	2015-03-05	2014-02-05		
NOVACRON BLUE P-3R LIQ. 40%	Reactive Dye Reactive Dye for Printing	2015-03-05	2011-03-21		
NOVACRON BRILLIANT BLUE PS-2R	Reactive Dye	2015-03-05	2013-06-18		
NOVACRON BROWN P-6R GR 150%	Reactive Dye Reactive Dye for Printing	2015-03-05	2014-04-22		
NOVACRON BROWN P-6R LIQ. 50%	Reactive Dye Reactive Dye for Printing	2015-03-05	2011-03-24		
NOVACRON GOLDEN YELLOW P-2RN GR	Reactive Dye Reactive Dye for Printing	2015-03-05	2014-02-05		
NOVACRON GOLDEN YELLOW P-2RN LIQ. 33%	Reactive Dye Reactive Dye for Printing	2015-03-05	2012-05-10		



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NOVACRON NAVY P-2R	Reactive Dye Reactive Dye for Printing	2015-03-05	2010-12-10		
NOVACRON NAVY P-2R LIQ. 33%	Reactive Dye Reactive Dye for Printing	2015-03-05	2012-08-20		
NOVACRON ORANGE P-2R GR	Reactive Dye Reactive Dye for Printing	2015-03-05	2014-02-05		
NOVACRON ORANGE P-2R LIQ. 40%	Reactive Dye Reactive Dye for Printing	2015-03-05	2011-04-04		
NOVACRON ORANGE P-4R GR	Reactive Dye Reactive Dye for Printing	2015-03-10	2014-02-05		
NOVACRON ORANGE P-4R LIQ. 40%	Reactive Dye Reactive Dye for Printing	2015-03-06	2011-04-04		
NOVACRON RED P-2B	Reactive Dye	2015-03-05	2012-10-10		
NOVACRON RED P-4B LIQ. 33%	Reactive Dye Reactive Dye for Printing	2015-04-02	2014-04-29		
NOVACRON RED P-6B GR 150%	Reactive Dye Reactive Dye for Printing	2015-03-10	2014-02-05		
NOVACRON RED P-6B LIQ 33%	Reactive Dye Reactive Dye for Printing	2015-03-10	2011-06-20		
NOVACRON RED P-BN GR	Reactive Dye Reactive Dye for Printing	2015-03-05	2010-12-10		
NOVACRON RED P-BN LIQ. 33%	Reactive Dye Reactive Dye for Printing	2015-03-05	2011-06-09		
NOVACRON TURQUOISE P-GR 150%	Reactive Dye Reactive Dye for Printing	2015-03-12	2014-02-05	Cu 3.6%	4)
NOVACRON TURQUOISE P-GR LIQ. 50%	Reactive Dye Reactive Dye for Printing	2015-03-05	2014-02-05	Cu 0.9%	4)
NOVACRON YELLOW P-6GS GR	Reactive Dye Reactive Dye for Printing	2015-03-10	2013-03-27		
NOVACRON YELLOW P-6GS LIQ.	Reactive Dye Reactive Dye for Printing	2015-03-05	2011-07-19		
<b>NOVACRON S</b>					
NOVACRON DARK BLUE S-GL	Reactive Dye	2015-03-05	2014-04-22	Cu 0.8%	4)
NOVACRON DARK BLUE S-GL IN	Reactive Dye	2016-01-12	2015-03-31	Cu 0.8%	4)
NOVACRON DEEP CHERRY S-D	Reactive Dye	2015-03-05	2010-12-13		
NOVACRON DEEP NIGHT S-R	Reactive Dye	2015-03-05	2014-04-22		
NOVACRON DEEP ORANGE S-4R	Reactive Dye	2015-03-05	2010-12-16		
NOVACRON NAVY S-G	Reactive Dye	2015-03-05	2014-02-17		
NOVACRON NAVY S-GI	Reactive Dye	2015-03-05	2012-02-13		
NOVACRON OCEAN S-R	Reactive Dye	2015-03-10	2013-02-11	AOX 0.9%	15)
NOVACRON RED S-2G	Reactive Dye	2015-03-05	2014-05-13		
NOVACRON RED S-B	Reactive Dye	2015-03-05	2014-03-13		

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NOVACRON RUBY S-3B	Reactive Dye	2015-03-05	2014-05-13		
NOVACRON SUPER BLACK G	Reactive Dye	2015-03-05	2010-10-29		
NOVACRON SUPER BLACK G IN	Reactive Dye	2015-03-05	2012-12-13		
NOVACRON SUPER BLACK R	Reactive Dye	2015-03-05	2010-12-10		
NOVACRON SUPER BLACK R IN	Reactive Dye	2015-03-05	2014-03-13		
NOVACRON YELLOW S-3R	Reactive Dye	2015-03-05	2014-03-13		
<b>NOVACRON TS</b>					
NOVACRON BLUE TS-3G	Reactive Dye	2015-03-05	2013-07-24	Cu 2.1%	4)
NOVACRON YELLOW TS-3R	Reactive Dye	2015-03-05	2010-09-16		
<b>Novacron W</b>					
NOVACRON BLACK W--FL	Reactive Dye	2015-11-25	2012-02-28		
NOVACRON BRILLIANT BLUE W-BR	Reactive Dye	2015-03-05	2011-03-22		
NOVACRON NAVY W-B	Reactive Dye	2015-03-05	2014-03-13		
<b>NOVACRON XKS</b>					
NOVACRON BLUE XKS HD 6000	Reactive Dye	2015-06-22	2014-10-03		
NOVACRON GREY XKS HD 8000	Reactive Dye	2015-06-22	2014-10-03		
NOVACRON GREY XKS-801	Reactive Dye	2015-06-23	2013-03-11		
NOVACRON MAGENTA XKS HD 5000	Reactive Dye	2015-06-23	2014-11-24		
NOVACRON ORANGE XKS HD 3000	Reactive Dye	2015-06-23	2014-11-25		
NOVACRON RED XKS HD 4500	Reactive Dye	2015-06-22	2014-10-03		
NOVACRON RED XKS-450	Reactive Dye	2015-06-22	2014-05-05		
NOVACRON STRONG BLACK XKS HL	Reactive Dye	2015-06-22	2014-06-16		
NOVACRON TURQUOISE XKS HD 7000	Reactive Dye	2015-06-22	2014-10-04	Cu 0.08%	4)

**Colourants: Vat Dye**

Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
<b>NOVASOL</b>					
NOVASOL BLACK B MD	Vat Dye	2015-03-11	2011-10-24		

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Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
NOVASOL BLACK RC MD	Vat Dye	2015-03-11	2012-04-23		
NOVASOL BLUE CL MD	Vat Dye	2015-03-11	2010-11-26		
NOVASOL BLUE RS MD	Vat Dye	2015-03-11	2011-10-18		
NOVASOL BROWN BR MD	Vat Dye	2015-03-11	2011-11-08		
NOVASOL GREY P2R MD	Vat Dye	2015-03-11	2012-05-09		
NOVASOL OLIVE 2R MD	Vat Dye	2015-03-11	2014-04-14	previous name: Novasol live 2R-01 MD	
NOVASOL OLIVE B MD	Vat Dye	2015-03-11	2011-01-20	previous name: Novasol Olive B-01 MD	
NOVASOL OLIVE S MD	Vat Dye	2015-03-11	2014-02-05	previous name: Novasol Olive S-01 MD	
NOVASOL ORANGE 3R MD	Vat Dye	2015-03-11	2012-04-25		
NOVASOL RED 2B MD	Vat Dye	2015-03-11	2011-11-08		
NOVASOL RED 6B MD	Vat Dye	2015-03-11	2013-03-01		
NOVASOL YELLOW 3R MD	Vat Dye	2015-03-11	2012-09-18		

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: 354  
This Letter of Approval is valid until a new GOTS version is implemented.

IMOswiss AG  
2016-11-03  
Dr. Pei-Chi Hsu  
gotsapproval@imo.ch



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: [Schweizerische Akkreditierungsstelle SAS], Accreditation N°: [SCESp 004]