



Control Union Gozetim ve Belgelendirme Ltd. Sti. (CUGB)
Cinarli Mah. Sehit Polis Fethi Sekin Cad. No:3 Sunucu Plaza K:11
Konak, Izmir, Turkey
<http://www.controlunion.com>, Tel : +90-232-3479920

LETTER OF APPROVAL for Colourants / Textile Auxiliaries

N°: GOTS-C 812652-01.2019

Control Union Gozetim ve Belgelendirme Ltd. Sti. (CUGB) declares that
the Colourants and/or Textile Auxiliaries listed below have been assessed for

Pulcra Kimya Sanayi Ticaret A.S.

Beylikbagi Mah. 341 Sok. No: 1 Gebze
41400 Kocaeli
TURKEY

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)

***Approved Dyestuffs and Textile Auxiliaries for the Global Organic Textile Standard (GOTS)
Version 5.0 March 2017***

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.





Control Union Gozetim ve Belgelendirme Ltd. Sti. (CUGB)
Cinarli Mah. Sehit Polis Fethi Sekin Cad. No:3 Sunucu Plaza K:11
Konak, Izmir, Turkey
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Approval letter N°: GOTS-C 812652-01.2019

Pulcra Kimya Sanayi Ticaret A.S.

Beylikbagi Mah. 341 Sok. No: 1 Gebze

41400 Kocaeli

TURKEY

| Textile Auxiliaries | | | | |
|----------------------|---------------------|------------------|--------------|------------------------|
| Trade name of input | Type / Utilization | Date of approval | Date of MSDS | Comments/ Restrictions |
| ADALIN DE | Softening Agent | 19-09-2017 | 05-02-2016 | |
| ADALIN NI | Softening Agent | 19-09-2017 | 28-07-2016 | |
| ADALIN PLP | Softening Agent | 07-11-2018 | 15-10-2018 | |
| ADASIL BA 5018 | Softening Agent | 19-09-2017 | 18-07-2015 | |
| ADASIL CON | Softening Agent | 19-09-2017 | 29-08-2016 | |
| ADASIL D-NEU | Softening Agent | 19-09-2017 | 09-01-2016 | |
| ADASIL DYM | Softening Agent | 19-09-2017 | 13-03-2016 | |
| ADASIL ME-T | Softening Agent | 19-09-2017 | 03-07-2017 | |
| ADASIL SM | Softening Agent | 19-09-2017 | 05-02-2016 | |
| ADASIL SOFT T | Softening Agent | 19-09-2017 | 22-06-2017 | |
| AQUASOFT HEN | Softening Agent | 19-09-2017 | 13-03-2016 | |
| AQUASOFT NASS | Softening Agent | 19-09-2017 | 13-03-2016 | |
| AVIROL KW 79 | Sizing auxiliary | 12-02-2018 | 27-12-2017 | (1) |
| AVIROL NW 94 | Sizing auxiliary | 30-11-2017 | 29-03-2016 | (1) |
| BELFALUB AF | Softening Agent | 24-09-2018 | 14-08-2018 | |
| BELFASIN 55 | Softening Agent | 19-09-2017 | 31-03-2016 | |
| BELFASIN 55 CONC | Softening Agent | 19-09-2017 | 31-03-2016 | |
| BELFASIN AVJ | Softening Agent | 12-02-2018 | 25-12-2017 | |
| BELFASIN GT | Softening Agent | 19-09-2017 | 14-04-2006 | |
| BELFASIN GT CONC | Softening Agent | 19-09-2017 | 07-03-2017 | |
| BELFASIN OET CONC TR | Softening Agent | 19-09-2017 | 31-03-2016 | |
| BELFASIN OET TR | Softening Agent | 19-09-2017 | 22-08-2015 | |
| BELFASIN OZK TR | Softening Agent | 19-09-2017 | 14-06-2017 | |
| BELSOFT 300 | Softening Agent | 19-09-2017 | 14-04-2016 | |
| BELSOFT 300 CONC FV | Softening Agent | 19-09-2017 | 27-06-2016 | |
| BILENEFOR DL | Softening Agent | 19-09-2017 | 31-03-2016 | |
| BREVIOL 830 | Anti-Creasing Agent | 19-09-2017 | 09-02-2016 | |
| BREVIOL CPA | Anti-Creasing Agent | 19-09-2017 | 08-06-2016 | |
| BREVIOL DNV | Finishing auxiliary | 03-04-2018 | 05-02-2018 | (3) |
| BREVIOL HTF | Dispersing Agent | 19-09-2017 | 28-07-2016 | |
| BREVIOL NDA | Dyeing auxiliary | 19-09-2017 | 27-06-2016 | |
| BREVIOL OG CONC. | Levelling Agent | 19-09-2017 | 09-02-2016 | |
| BREVIOL PAM NEU | Anti-Creasing Agent | 19-09-2017 | 09-02-2016 | |





| Textile Auxiliaries | | | | |
|---------------------|-------------------------|------------------|--------------|------------------------|
| Trade name of input | Type / Utilization | Date of approval | Date of MSDS | Comments/ Restrictions |
| COTTOCLARIN DPA | Wetting Agent | 19-09-2017 | 12-04-2016 | |
| COTTOCLARIN NFD | Wetting Agent | 19-09-2017 | 03-07-2017 | |
| COTTOCLARIN TR | Wetting Agent | 19-09-2017 | 09-02-2016 | |
| DEFINDOL 2070 | Wetting Agent | 19-09-2017 | 16-06-2017 | |
| DEFINDOL ADF | Wetting Agent | 19-09-2017 | 16-06-2017 | |
| FLORANIT 12/32 | Pre-treatment auxiliary | 19-09-2017 | 23-06-2017 | (2) |
| FLORANIT 40/28 T | Wetting Agent | 19-09-2017 | 16-06-2017 | |
| FORYL ABS | Dispersing Agent | 19-09-2017 | 11-05-2016 | |
| FORYL AIP-T | Bleaching Agent | 19-09-2017 | 09-02-2016 | |
| FORYL ALL-IN | Bleaching Agent | 19-09-2017 | 13-06-2017 | |
| FORYL ASH | Wetting Agent | 19-09-2017 | 09-02-2016 | |
| FORYL DLW | Wetting Agent | 19-09-2017 | 16-06-2017 | |
| FORYL ECO | Washing Agent | 19-09-2017 | 09-02-2016 | |
| FORYL G-OR | Wetting Agent | 19-09-2017 | 16-06-2017 | |
| FORYL HP | Wetting Agent | 19-09-2017 | 09-02-2016 | |
| FORYL HP-I | Wetting Agent | 19-09-2017 | 09-02-2016 | |
| FORYL K3 | Bleaching Agent | 19-09-2017 | 03-07-2017 | |
| FORYL KMNS | Bleaching Agent | 19-09-2017 | 14-04-2016 | |
| FORYL KMNS ZR | Bleaching Agent | 19-09-2017 | 14-04-2016 | |
| FORYL ONF | Bleaching Agent | 03-04-2018 | 29-01-2018 | |
| FORYL PBW | Wetting Agent | 19-09-2017 | 16-06-2017 | |
| FORYL WAN | Washing Agent | 19-09-2017 | 28-07-2016 | |
| FORYL ZR NEW | Bleaching Agent | 12-02-2018 | 25-12-2017 | |
| FUMAN OL-T | Washing Agent | 19-09-2017 | 09-02-2016 | |
| LOCANIT 470 | Washing Agent | 24-09-2018 | 01-08-2018 | |
| LOCANIT 670 | Soaping Agent | 19-09-2017 | 13-07-2015 | |
| LOCANIT AW | Washing Agent | 19-09-2017 | 09-02-2017 | |
| LOCANIT PRL | Washing Agent | 24-09-2018 | 01-08-2018 | |
| LOCANIT SW | Washing Agent | 19-09-2017 | 09-02-2016 | |
| LORINOL GF | Reducing Agent | 19-09-2017 | 23-06-2017 | |
| LORINOL NBS | Reducing Agent | 19-09-2017 | 28-07-2016 | |
| NONAX FR NDF | Retarder Agent | 19-09-2017 | 23-06-2017 | |
| NONAX MM-T | Washing Agent | 12-10-2017 | 11-05-2016 | |
| OSIMOL LAR | Levelling Agent | 19-09-2017 | 19-06-2017 | |
| OSIMOL LFT | Dyeing auxiliary | 01-03-2019 | 13-06-2017 | |
| OSIMOL SDT | Dyeing auxiliary | 19-09-2017 | 28-07-2016 | |
| REPELLAN CRX | Crosslinking Agent | 19-09-2017 | 04-07-2017 | |
| REPELLAN EXT | Crosslinking Agent | 19-09-2017 | 05-12-2016 | |
| REPELLAN NEU | Softening Agent | 19-09-2017 | 10-02-2016 | |



| Textile Auxiliaries | | | | |
|---------------------|-------------------------|------------------|--------------|------------------------|
| Trade name of input | Type / Utilization | Date of approval | Date of MSDS | Comments/ Restrictions |
| REPELLAN NEW | Softening Agent | 19-09-2017 | 11-02-2016 | |
| SECURON 110 | Complexing Agent | 19-09-2017 | 11-02-2016 | |
| SECURON 1420 | Complexing Agent | 19-09-2017 | 20-08-2015 | |
| SECURON 590 | Complexing Agent | 07-11-2018 | 27-04-2016 | |
| SECURON 780 | Complexing Agent | 19-09-2017 | 11-02-2016 | |
| SECURON AR | pH Adjustment Agent | 19-09-2017 | 13-06-2017 | |
| SECURON BAT3 | pH Adjustment Agent | 19-09-2017 | 03-07-2017 | |
| SECURON DC | Complexing Agent | 19-09-2017 | 11-02-2016 | |
| SECURON FX | Sequestering Agent | 12-02-2018 | 25-12-2007 | |
| SECURON GTA | pH Adjustment Agent | 19-09-2017 | 29-03-2016 | |
| SECURON HTC | Complexing Agent | 12-02-2018 | 25-12-2017 | |
| SECURON KIT | Complexing Agent | 19-09-2017 | 19-04-2016 | |
| SECURON MN | pH Adjustment Agent | 19-09-2017 | 13-06-2017 | |
| SECURON NA | pH Adjustment Agent | 19-09-2017 | 11-02-2016 | |
| SECURON SFC | Complexing Agent | 19-09-2017 | 10-05-2016 | |
| SECURON TA | pH Adjustment Agent | 19-09-2017 | 09-05-2016 | |
| SETILON KN | Softening Agent | 19-09-2017 | 08-08-2016 | |
| STABICRYL ASC | Finishing auxiliary | 19-09-2017 | 03-07-2017 | |
| STABIFIX FFC-T | Dyeing auxiliary | 19-09-2017 | 11-02-2016 | |
| STABIFIX IND | Fixing Agent | 12-02-2018 | 08-02-2017 | |
| STABIFIX RFI | Fixing Agent | 19-09-2017 | 05-07-2017 | |
| STABILOL M-NEU | Pre-treatment auxiliary | 19-09-2017 | 11-04-2016 | |
| STABILOL UC | Stabilizing Agent | 19-09-2017 | 08-06-2016 | |
| STABILOL ZM | Pre-treatment auxiliary | 19-09-2017 | 05-04-2016 | |
| STABITEX FF PLUS | Anti-Creasing Agent | 07-11-2018 | 18-09-2018 | |
| STABITEX LTF PLUS | Anti-Creasing Agent | 07-11-2018 | 18-09-2018 | |
| STABITEX ZF PLUS | Anti-Creasing Agent | 24-09-2018 | 01-08-2018 | |
| SUPERCLEAR X-TRA | Dyeing auxiliary | 19-09-2017 | 03-07-2017 | |

Total number of inputs (colourants / textiles auxiliaries) listed on this letter of approval: **100**
This Letter of Approval is valid until: 11/11/2019

Place and date of issue:
Izmir, 06 March 2019

Name of authorised person

On behalf of the Managing Director
Mr. Gecmez - Certifier

Stamp of the issuing body

Standard's Logo





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Comments/Restrictions:

- (1) may only be used in compliance with GOTS criteria 2.4.3
 - (2) may only be used for mercerisation if alkaline is recycled (acc. to GOTS 2.4.5)
 - (3) must not be used for anti-microbial finishing (including biocides), coating, filling and stiffening, lustring and matting as well as weighting. (GOTS 2.4.8)
 - (4) in compliance with GOTS 2.4.6 and 2.4.7 up to 5% Copper (Cu) may present in blue, green and turquoise dyestuffs.
- This list contains only those chemical products, for which the above mentioned Company has applied for approval according to the Global Organic Textile Standard (5.0). The assessment has been based on the current version of the material safety data sheets (MSDSs) and further product documentation provided by the supplier.
- The company remains responsible for compliance with the GOTS-criteria, for the correctness and completeness of the data as well as for providing relevant updates and information that became available after approval. CUGB Turkey cannot be held liable for any loss or damage resulting from the use of these chemical products, including the failure to meet any limit values.

This list replaces all previous versions. It is valid until it is recalled or until a new list is issued, the latest, however, until a new version of the GOTS standard has entered into force.

Accredited by: International Organic Accreditation Services (IOAS) , Accreditation N°: 86

