

LETTER OF APPROVAL

for Colourants / Textile Auxiliaries

No. GOTS-ECOCERT-08-00004

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

Pulcra Chemicals GmbH

Isardamm 79 - 83 / Geretsried (DE)

on basis of information requested and provided
according to the applicable criteria of the

Global Organic Textile Standard (GOTS) - Version 7.0

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

It is further confirmed that the formulator has been audited for product stewardship as well as
environment, health & safety requirements of the Standard on 29-Jun-2022

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

ECOCERT GREENLIFE
Issued in: L'Isle Jourdain
28-May-2024
Emilie Cherhal



ECOCERT Greenlife
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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.

Table(s) Appendix listing the GOTS approved inputs

Auxiliaries: Antifoaming/ Deaerating Agent

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|------------|---------------------|-------------------------------|------------------|--------------|----------|--------------|
| Breviol | | | | | | |
| 1 | BREVIOL D-360 | Antifoaming/ Deaerating Agent | 2024-05-14 | 2023-01-25 | GOTS 7.0 | |
| Stabiprint | | | | | | |
| 2 | STABIPRINT ELN | Antifoaming/ Deaerating Agent | 2024-04-24 | 2024-03-26 | GOTS 7.0 | |

Auxiliaries: Bleaching Agent

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|---------|---------------------|---------------------------|------------------|--------------|----------|--------------|
| Locanit | | | | | | |
| 3 | Locanit WG | Bleaching Agent Dyeing | 2024-05-14 | 2024-03-05 | GOTS 7.0 | |

Auxiliaries: Crease Preventing (Dyeing)

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|---------|---------------------|---|------------------|--------------|----------|--------------|
| Breviol | | | | | | |
| 4 | Breviol CPOS New | Crease Preventing (Dyeing) | 2024-05-14 | 2022-11-10 | GOTS 7.0 | |
| 5 | Breviol LGS | Crease Preventing (Dyeing) | 2024-05-14 | 2022-08-16 | GOTS 7.0 | |
| 6 | BREVIOL UFC CONC | Crease Preventing (Dyeing) Pre-treatment | 2024-05-14 | 2022-11-18 | GOTS 7.0 | |
| Osimol | | | | | | |
| 7 | OSIMOL SCC | Crease Preventing (Dyeing) Levelling Sequestering/ Dispersing | 2024-05-14 | 2024-03-26 | GOTS 7.0 | |

Auxiliaries: Detergent

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|-------|---------------------|----------------------|------------------|--------------|----------|--------------|
| Foryl | | | | | | |
| 8 | FORYL LN | Detergent Wetting | 2024-05-28 | 2024-02-29 | GOTS 7.0 | |

Auxiliaries: Detergent (Dyeing)

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|--------|---------------------|--------------------|------------------|--------------|----------|--------------|
| Osimol | | | | | | |
| 9 | Osimol RFX | Detergent (Dyeing) | 2024-05-14 | 2024-03-06 | GOTS 7.0 | |

Auxiliaries: Detergent (Pre-treatment)

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|-------|---------------------|---------------------------|------------------|--------------|----------|--------------|
| Foryl | | | | | | |
| 10 | Foryl WPH | Detergent (Pre-treatment) | 2024-05-14 | 2024-03-07 | GOTS 7.0 | |

Auxiliaries: Dyeing

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|---------|---------------------|------------------|------------------|--------------|---|--------------|
| Breviol | | | | | | |
| 11 | Breviol PAM-N | Dyeing | 2024-05-14 | 2023-01-25 | GOTS 7.0 | |
| Locanit | | | | | | |
| 12 | Locanit CPB | Dyeing | 2024-05-14 | 2022-02-05 | GOTS 7.0 | |
| Osimol | | | | | | |
| 13 | Osimol RE New (SF) | Dyeing | 2024-05-14 | 2024-03-05 | formerly "Lamepon RE Neu (SF)" GOTS 7.0 | |

Auxiliaries: Edge Glue

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|-----------|---------------------|------------------|------------------|--------------|--|--------------|
| Stabicryl | | | | | | |
| 14 | Stabicryl 1009 | Edge Glue | 2024-05-14 | 2022-04-14 | Must not be used for coating and filling. GOTS 7.0 | |

Auxiliaries: Fibre and Yarn Processing

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|---------|---------------------|---------------------------|------------------|--------------|----------|--------------|
| Selbana | | | | | | |
| 15 | SELBANA 4554 V | Fibre and Yarn Processing | 2024-05-14 | 2023-02-16 | GOTS 7.0 | |



| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|----------|---------------------|---------------------------|------------------|--------------|----------|--------------|
| 16 | SELBANA UN | Fibre and Yarn Processing | 2024-05-14 | 2023-01-10 | GOTS 7.0 | |
| SPREITAN | | | | | | |
| 17 | SPREITAN 418 | Fibre and Yarn Processing | 2024-05-14 | 2024-03-26 | GOTS 7.0 | |

Auxiliaries: Finishing

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|-----------|---------------------|------------------|------------------|--------------|---|--------------|
| 18 | SETILON KN | Finishing | 2024-05-14 | 2022-12-07 | GOTS 7.0 | |
| Durasol | | | | | | |
| 19 | Durasol ASC | Finishing | 2024-05-14 | 2022-04-29 | GOTS 7.0 | |
| Nonax | | | | | | |
| 20 | Nonax KEV N | Finishing | 2024-05-14 | 2023-09-06 | GOTS 7.0 | |
| Stabiform | | | | | | |
| 21 | Stabiform 691 | Finishing | 2024-05-14 | 2021-11-09 | Must not be used for stiffening, filling and coating. GOTS 7.0 | |

Auxiliaries: Mercerisation

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|----|---------------------|------------------|------------------|--------------|----------|--------------|
| 22 | Floranit MNF | Mercerisation | 2024-05-14 | 2023-03-13 | GOTS 7.0 | 1) |

Auxiliaries: pH-Regulating

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|---------|---------------------|------------------|------------------|--------------|----------|--------------|
| Securon | | | | | | |
| 23 | Securon MC | pH-Regulating | 2024-05-14 | 2022-08-10 | GOTS 7.0 | |

Auxiliaries: Pre-treatment

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|-------------|---------------------|------------------|------------------|--------------|----------|--------------|
| Cottoclarin | | | | | | |
| 24 | Cottoclarin KD | Pre-treatment | 2024-05-14 | 2024-03-05 | GOTS 7.0 | |



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| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|----------|---------------------|------------------|------------------|--------------|----------|--------------|
| Securon | | | | | | |
| 25 | Securon 28 | Pre-treatment | 2024-05-14 | 2024-03-05 | GOTS 7.0 | |
| 26 | SECURON 540 | Pre-treatment | 2024-05-14 | 2022-12-05 | GOTS 7.0 | |
| 27 | Securon AN | Pre-treatment | 2024-05-14 | 2022-06-13 | GOTS 7.0 | |
| Stabilol | | | | | | |
| 28 | Stabilol MG | Pre-treatment | 2024-05-14 | 2024-03-05 | GOTS 7.0 | |
| 29 | Stabilol UC | Pre-treatment | 2024-05-14 | 2024-03-05 | GOTS 7.0 | |
| 30 | STABILOL ZM | Pre-treatment | 2024-05-14 | 2024-03-01 | GOTS 7.0 | |

Auxiliaries: Sequestering/ Dispersing

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|---------|---------------------|--------------------------|------------------|--------------|----------|--------------|
| Locanit | | | | | | |
| 31 | LOCANIT S | Sequestering/ Dispersing | 2024-05-14 | 2023-02-20 | GOTS 7.0 | |
| Securon | | | | | | |
| 32 | Securon AIC | Sequestering/ Dispersing | 2024-05-14 | 2023-01-12 | GOTS 7.0 | |
| 33 | Securon C | Sequestering/ Dispersing | 2024-05-14 | 2022-04-01 | GOTS 7.0 | |

Auxiliaries: Sizing

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|--------|---------------------|------------------|------------------|--------------|--|--------------|
| 34 | AVIROL 308 AS | Sizing | 2024-05-28 | 2023-07-31 | GOTS 7.0 | |
| 35 | QUELLAX HV 55 GR | Sizing | 2024-02-29 | 2023-01-12 | previously named as HORSIL HV 55-GR GOTS 7.0 | |
| Avirol | | | | | | |
| 36 | Avirol 4007 N | Sizing | 2024-05-14 | 2022-04-01 | Must not be used for stiffening. GOTS 7.0 | |
| 37 | Avirol KW 79 | Sizing | 2024-05-14 | 2022-08-11 | GOTS 7.0 | |
| Inex | | | | | | |
| 38 | Inex 773C | Sizing | 2024-05-14 | 2022-07-01 | GOTS 7.0 | 2) |



| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|---------|---------------------|------------------|------------------|--------------|---------------------------------------|--------------|
| Quellax | | | | | | |
| 39 | Quellax CX 70 | Sizing | 2024-02-29 | 2023-01-20 | formerly "Molvenin CX 70" GOTS 7.0 | |

Auxiliaries: Softener

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|----------|---------------------|------------------|------------------|--------------|----------|--------------|
| Adalin | | | | | | |
| 40 | Adalin FL-N | Softener | 2024-05-14 | 2024-03-05 | GOTS 7.0 | |
| 41 | ADALIN NI-N | Softener | 2024-04-24 | 2024-03-06 | GOTS 7.0 | |
| Adasil | | | | | | |
| 42 | ADASIL NHS | Softener | 2024-05-14 | 2022-12-09 | GOTS 7.0 | |
| Aquasoft | | | | | | |
| 43 | AQUASOFT E-CO | Softener | 2024-05-14 | 2022-11-23 | GOTS 7.0 | |

Auxiliaries: Spinning

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|----|---------------------|------------------|------------------|--------------|----------|--------------|
| 44 | Silkol FD | Spinning | 2024-05-14 | 2022-03-16 | GOTS 7.0 | |
| 45 | Stantex 7261 | Spinning | 2024-05-14 | 2022-12-22 | GOTS 7.0 | |

Auxiliaries: Water Repellent

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|----------|---------------------|------------------|------------------|--------------|----------|--------------|
| Repellan | | | | | | |
| 46 | Repellan T | Water Repellent | 2024-05-14 | 2022-11-17 | GOTS 7.0 | |

Auxiliaries: Wetting

| # | Trade Name of Input | Type/Utilisation | Date of Approval | Date of MSDS | Comments | Restrictions |
|---------|---------------------|------------------|------------------|--------------|----------|--------------|
| Breviol | | | | | | |
| 47 | BREVIOL ELN | Wetting | 2024-05-14 | 2022-12-12 | GOTS 7.0 | |



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|-------|---------------------|------------------|------------------|--------------|----------|--------------|
| Foryl | | | | | | |
| 48 | Foryl JA | Wetting | 2024-05-14 | 2022-11-18 | GOTS 7.0 | |
| 49 | FORYL SCD | Wetting | 2024-05-14 | 2022-01-27 | GOTS 7.0 | |
| 50 | FORYL WET-N | Wetting | 2024-05-14 | 2022-01-27 | GOTS 7.0 | |

1) May only be used for mercerisation if alkaline is recycled (acc. to GOTS 4.2.6.5)

2) May only be used in compliance with GOTS criteria 4.2.6.3

Total number of inputs (colourants / textiles auxiliaries) listed on this letter of approval: 50

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Appendix: Sites

Under the scope of this Letter of Approval, the following sites have been audited in line with requirements GOTS Version 7.0

| Serial # | Name of operation | Address of operation |
|----------|-----------------------|---|
| 1 | Pulcra Chemicals GmbH | Isardamm 79 - 83, 82538 Geretsried, Deutschland |

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