

C2C Certified Material Health Certificate™ GOLD LEVEL

ISSUED TO CHT Germany GmbH

Gold Textile Dyeing Auxiliaries by CHT

STANDARD VERSION 4.0

EFFECTIVE DATE 3 August 2022

EXPIRATION DATE 9 April 2025

LEAD ASSESSMENT BODY

EPEA GmbH - Part of Drees & Sommer

PHASES AND PROCESSES CONSIDERED IN THE CHEMICAL TOXICITY ASSESSMENT

Manufacturing (mixing/blending, heating, cooling, filling, preceding synthesis); Professional use; Use (textile applications); Intended end of use: recycling, release to the environment via wastewater treatment plant; Unintended end of use: landfilling, incineration, uncontrolled burning, release to the environment

PRODUCTS COVERED

BEIZYM SPELL, BIAVIN TCC, CHT-CATALASE BF, CHT-DISPERGATOR SMS, COLORCONTIN VGP, HEPTOL SF4, MEROPAN DPE, MEROPAN EF 150, MEROPAN EW, MEROPAN KP, MEROPAN RLS, MEROPAN XR GRANULAT, REDULIT GIN, REDULIT SD-2, SARABID IPD, SARABID MIP, SARABID OL, SARABID TS 300, Si-CONTROL KKV

This product range was assessed exclusively for use by professional textile manufacturers trained in the proper handling and use of protective equipment for sensitizing and/or corrosive and/or irritating chemicals. The requirements for certification have only been met under these conditions.

PRODUCT OPTIMIZATION SUMMARY

- Cradle to Cradle Certified Restricted Substances List compliant
- Material Health optimization strategy not required
- No exposure to EU CLP Category 1 & 2 Carcinogens, Mutagens and Reproductive toxicants or Substances of Very High Concern; Carbon-bonded halogens are <1% of each material (exemptions apply)
- VOC emissions testing not required
- VOC content requirements not applicable
- Product is optimized for material health (no grey or x-assessed chemicals)
- Process chemicals are assessed and optimized
- Actions taken to reduce and eliminate emissions of hazardous chemicals in the product's supply chain

PERCENTAGE ASSESSED

100%

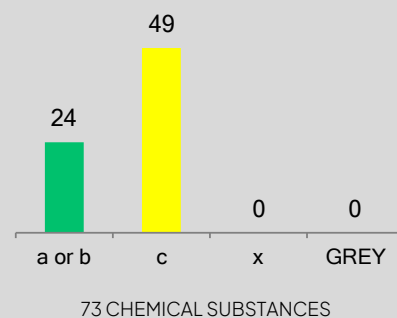
Percentage assessed is a weighted average based on the lower of the percentage of chemical substances assessed by number or by weight for each material

Inventory threshold for chemicals in each material = 100 ppm

ASSESSMENT RATINGS



PRODUCT OPTIMIZATION



C2C Certified Material Health Certificate™ GOLD LEVEL



ISSUED TO CHT Germany GmbH

Gold Textile Dyeing Auxiliaries by CHT

STANDARD VERSION 4.0

EFFECTIVE DATE 15 January 2024

EXPIRATION DATE 29 January 2026

LEAD ASSESSMENT BODY
MBDC

PHASES AND PROCESSES CONSIDERED IN THE CHEMICAL TOXICITY ASSESSMENT

Manufacturing; Professional use; Use; Intended end of use: recycling, release to the environment; Unintended end of use: landfilling, incineration, uncontrolled burning, release to the environment

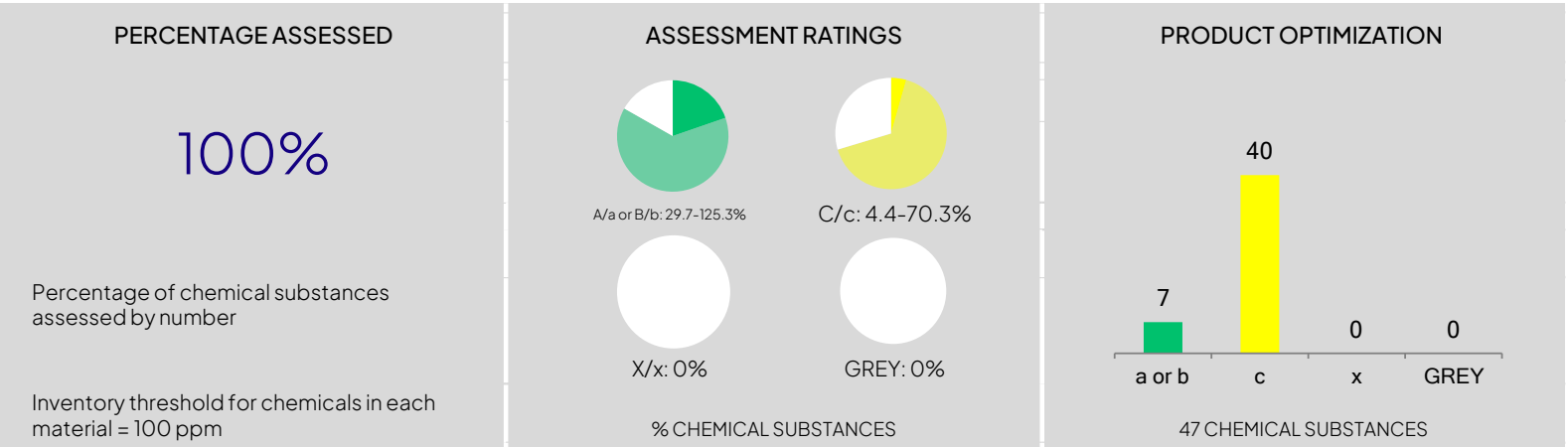
PRODUCTS COVERED

BIAVIN BPA, COTOBLANC SEL, MIGRASOL SAP, REVOFIX WET, SARABID SPIDER, EGASOL 21, SARABID IPF, REWIN ACP

These products were assessed exclusively for use by professional workers trained in the proper handling and use of protective equipment for sensitizing textile auxiliaries. The requirements for certification have only been met under these conditions.

PRODUCT OPTIMIZATION SUMMARY

- Cradle to Cradle Certified Restricted Substances List compliant
- Material Health optimization strategy not required
- No exposure to EU CLP Category 1 & 2 Carcinogens, Mutagens and Reproductive toxicants or Substances of Very High Concern; Carbon-bonded halogens are <1% of each material (exemptions apply)
- VOC emissions testing not required
- Meets VOC content requirements
- Product is optimized for material health (no grey or x-assessed chemicals)
- Process chemicals are assessed and optimized
- Actions taken to reduce and eliminate emissions of hazardous chemicals in the product's supply chain



More information at www.c2ccertified.org/

MHC #6423

C2C Certified Material Health Certificate is a trademark of the Cradle to Cradle Products Innovation Institute

C2C Certified Material Health Certificate™

BRONZE LEVEL



ISSUED TO CHT Germany GmbH

Bronze Textile Dyeing Auxiliaries by CHT

STANDARD VERSION 4.0

EFFECTIVE DATE 6 March 2024

EXPIRATION DATE 16 June 2026

LEAD ASSESSMENT BODY

MBDC

PHASES AND PROCESSES CONSIDERED IN THE CHEMICAL TOXICITY ASSESSMENT

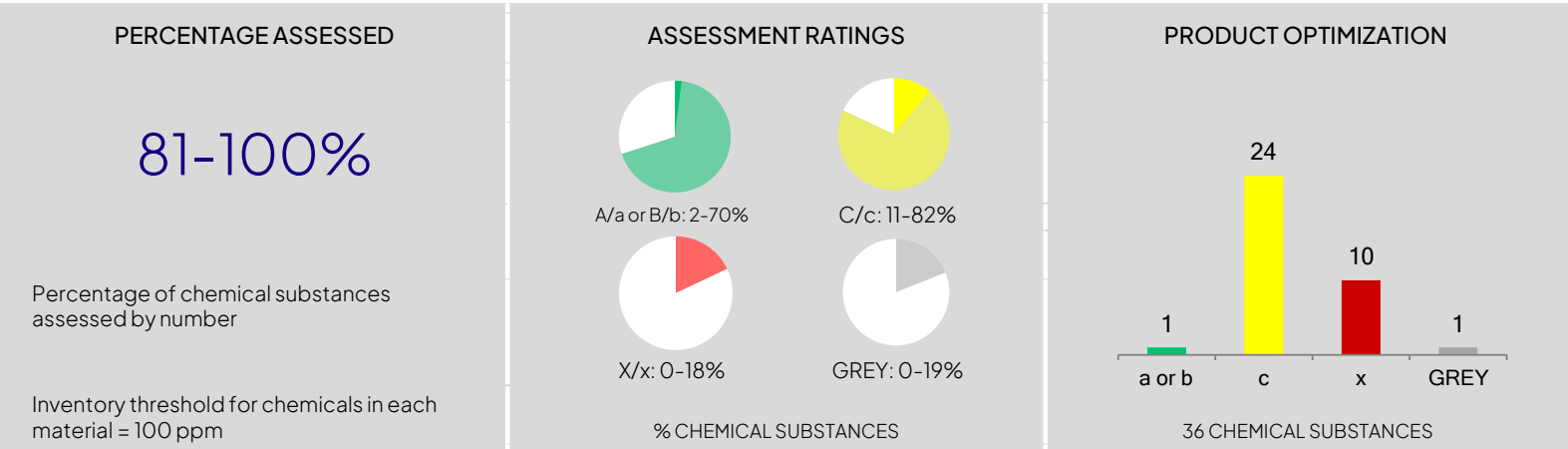
Manufacturing, professional use, use; Intended end of use: recycling, release to the environment; Unintended end of use: landfilling, incineration, uncontrolled burning, release to the environment

PRODUCTS COVERED

COLORCONTIN BDF, SARABID IPM, CHT-DISPERGATOR XHT-S, and KOLLASOL CDS

PRODUCT OPTIMIZATION SUMMARY

- Cradle to Cradle Certified Restricted Substances List compliant
- Organohalogen substances of special concern and functionally-related non-halogenated classes of equivalent concern are below allowable thresholds (exemptions apply)
- No exposure to EU CLP Category 1 & 2 Carcinogens, Mutagens and Reproductive toxicants or Substances of Very High Concern; Carbon-bonded halogens are <1% of each material (exemptions apply)
- VOC emissions testing not required
- Meets VOC content requirements
- Product is optimized for material health (no grey or x-assessed chemicals)
- Process chemicals are assessed and optimized
- Actions taken to reduce and eliminate emissions of hazardous chemicals in the product's supply chain



More information at www.c2ccertified.org/

MHC #6420

C2C Certified Material Health Certificate is a trademark of the Cradle to Cradle Products Innovation Institute