

C2C Certified Material Health Certificate™ GOLD LEVEL



ISSUED TO CHT Germany GmbH

Gold Textile Finishing & Coating Auxiliaries by CHT

STANDARD VERSION 4.0

EFFECTIVE DATE 6 March 2024

EXPIRATION DATE 5 March 2027

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

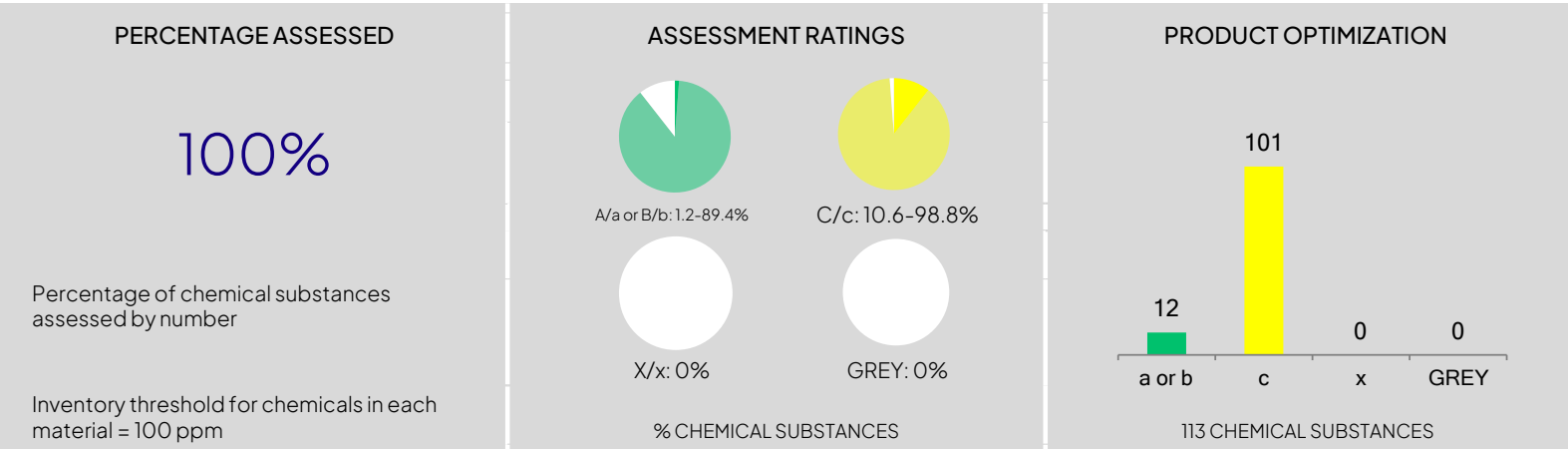
PRODUCTS COVERED

TUBINGAL GSI, TUBINGAL ISP, ARRISTAN rAIR, ARRISTAN CPU, NouWell CDL, REAKNITT ZF, TUBINGAL 7023, TUBINGAL BTN, TUBINGAL HWS, and TUBINGAL RSK

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
- 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



C2C Certified Material Health Certificate™ SILVER LEVEL



ISSUED TO CHT Germany GmbH

Silver Textile Finishing and Coating 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

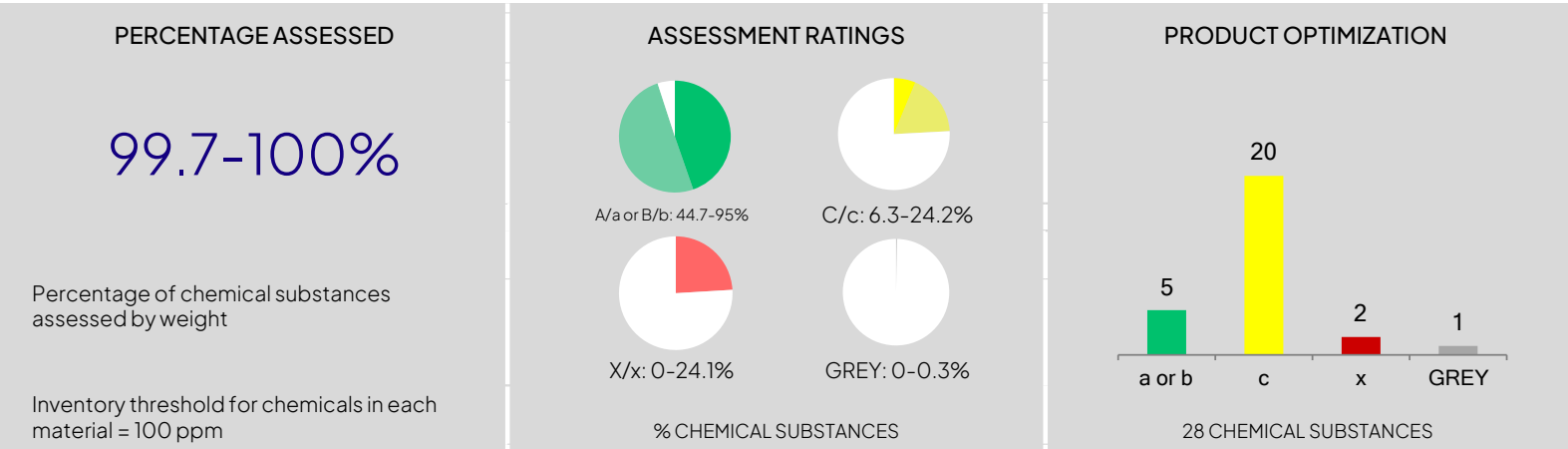
Manufacturing, professional use, use; Intended end of use: recycling, release to the environment; Unintended end of use: landfilling, incineration, uncontrolled burning, release to the environment

PRODUCTS COVERED

TUBINGAL 3S, ECOPERL YWR, and Polyavin NBL

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



More information at www.c2ccertified.org/

MHC #6548

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 Finishing and Coating 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

Arristan 71, ECOPERL 4, Polyavin CL 100, Polyavin EFA, TUBINGAL BSM, TUBINGAL FMH, TUBINGAL HWS CONC, TUBINGAL RGH, TUBINGAL RISE, and TUBINGAL 9270

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

