

TEXTILE AUXILIARIES

ZDHC

Zero Discharge of Hazardous Chemicals



ZSCHIMMER & SCHWARZ

ZDHC

Zschimmer & Schwarz Mohsdorf GmbH & Co. KG hereby confirms that all produced products comply with the requirements of the Zero Discharge of Hazardous Chemicals Joint Roadmap.

About ZDHC

In 2011, a group of major apparel and footwear brands and retailers made a shared commitment to help lead the industry towards Zero Discharge of Hazardous Chemicals (ZDHC) by 2020.

As a part of the commitment and first steps towards ZDHC, the group of brands published a Joint Roadmap in November 2011. The document demonstrates the group's collaborative efforts in leading the apparel and footwear industry towards ZDHC for all products across all pathways by 2020.

The Joint Roadmap is highly ambitious; it is a plan that sets a new standard of environmental performance for the global apparel and footwear industry. It includes specific commitments and timelines to realize this shared goal.

Zschimmer & Schwarz Mohsdorf commitment to the ZDHC Manufacturing Restricted Substance List

In the ZDHC Joint Roadmap, Version 2 ZDHC member brands are committed to define and develop a Manufacturing Restricted Substances List (MRSL) for the apparel and footwear industry. The ZDHC MRSL addresses hazardous substances potentially used and discharged into the environment during manufacturing and related processes, not just those substances that could be present in finished products.

The ZDHC MRSL is a list of chemical substances subjected to a usage ban, meaning that the MRSL-listed chemical substance or group of substances may not be used to achieve a desired function or effect during production of the raw material or product (that is, no intentional use). Due to the existence of manufacturing impurities in chemical formulations, a minor or trace amount of the restricted substance is permitted within defined concentration limits. Chemical formulations containing restricted substances that exceed these limits are not compliant with the MRSL.

Restricted substances and groups of substances according to MRSL of ZDHC (details on chemicals and individual limits see MRSL) are:

Alkylphenol (AP) and Alkylphenol -
Ethoxylates (APEOs)
Chlorobenzenes & Chlorotoluenes
Chlorophenols
Dyes – Azo (Forming Restricted Amines)
Dyes – Navy Blue Colorant
Dyes – Carcinogenic or Equivalent Concern
Dyes – Disperse (Sensitizing)
Flame Retardants

Glycols¹
Halogenated Solvents
Organotin Compounds
Polycyclic Aromatic Hydrocarbons (PAHs)
Perfluorinated and Polyfluorinated Chemicals (PFCs)
Phthalates – including all other esters of ortho-phthalic acid
Total Heavy Metals
Volatile Organic Compounds (VOC)¹

¹ only individual substances are restricted (see MRSL), not the whole substance group

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