



# LEE MING ENTERPRISE COMPANY LIMITED

立明集团  
LI MING GROUP



ISO 9001:2008  
ISO 14001:2004  
OHSAS 18001:2007

154 SOI RAMA 2 SOI 30, RAMA 2 RD., JOMTHONG, JOMTHONG, BANGKOK, THAILAND.

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## LEE MING ENTERPRISE COMPANY LIMITED - commitment to the Zero Discharge of Hazardous Chemicals Manufacturing Restricted Substances List - Edition 3

In the Zero Discharge of Hazardous Chemicals (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 subject 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 \*
- Glycols \*
- 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) \*

\* The current MRSL restricts only individual substances and not the whole substance group

\*\* <http://www.roadmaptozero.com/programme-documents.php>

Please be advised that, based on the information available to us from our raw material suppliers, the current products offered in the product lines listed below do not contain any of the substances or group of substances (i) as intentionally added raw materials or (ii) as impurities above the limit specified in the MRSL of ZDHC Programm, current version:

• MRSL V1.1 (published 9th December, 2015) \*\*

Chapter 1: MRSL for Textiles and Synthetic Leather Processing.



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To the best of our knowledge, none of these substances are intentionally generated during production.

This confirmation is only valid for the above mentioned MRSL version and will expire when amended by BENTECH CHEMICAL COMPANY LIMITED.

The information given in this confirmation is based on our current knowledge on the date of issue of this document. It contains information which complements our Material Safety Data Sheets (MSDS) and Technical Data Sheets (TDS). However, as fields of application and/or conditions of use cannot be respected in this document, the users of our products should carefully check the information given in our MSDS and TDS and/or carry out tests for themselves in order to ensure the compliance with any legal requirements and/or specific requirements of any Restricted Substance List (RSL) of a Brand.

For any questions concerning the products listed below or any further product information needed, please contact:

This list contains only selected products from BENTECH CHEMICAL COMPANY LIMITED's product range. Please do not hesitate to contact us in order to check the individual compliance status of any unlisted product of our product range.