



Chem-MAP[®]

Reducing Risk, Increasing Confidence



Chem-MAP[®]

Start your journey to responsible chemical management

Chem-MAP[®] is a suite of chemical management and verification systems for the entire supply chain

Chem-MAP[®] is a **ZDHC approved** programme focused on the implementation of robust chemical management systems in the **leather, textile and synthetic materials** supply chains. This multi-module programme is fully aligned with ZDHC objectives and offers ZDHC Conformance Level 1 to 3. Chem-MAP[®] supports businesses with MRSL and RSL management, actively reducing chemical risk within their supply chain.

Developed by Eurofins | BLC in partnership with Vert-Tex, Chem-MAP[®] prevents harmful chemicals from entering the materials supply chains, thereby protecting workers, consumers and the environment.

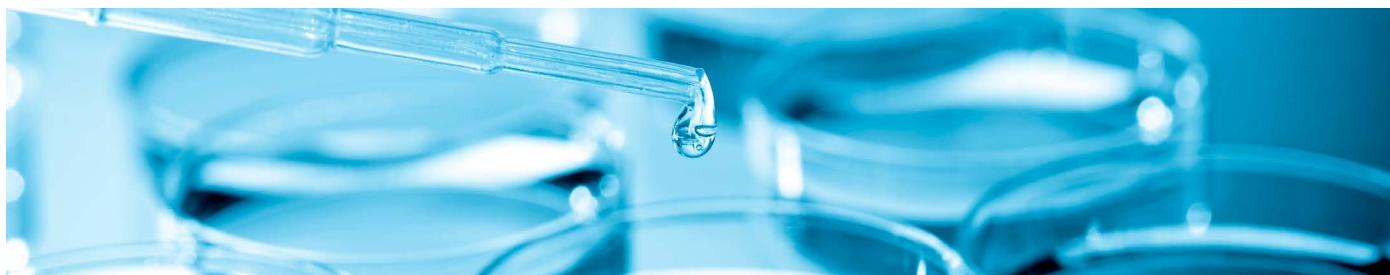
Chemical companies, materials manufacturers, brands and retailers achieve an internationally recognised award through one of three programmes in the Chem-MAP[®] family. Achieving a Chem-MAP[®] award signifies the use of responsible chemicals in the production of consumer goods.

Chem-MAP[®] is the future of chemical management in leather, textile and synthetic materials supply chains.

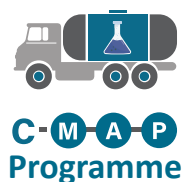
Chem-MAP[®] chemical management programmes

Chem-MAP[®] chemical management programmes have a structured approach and are tailored to your business needs. They effectively help you manage chemical inputs across leather, textile and synthetic materials.

Our team of experts have developed standalone testing and verification services for chemical inputs, providing your business with certified assurance of chemical contents to specifications.






c-MAP programme



Achieve ZDHC conformance level 1 to 3 through the c-MAP programme

Chemical companies around the world will benefit from becoming Chem-MAP® certified through the c-MAP Programme. Completion of the c-MAP programme enables chemical manufacturers to gain ZDHC Conformance Level 1 to 3, providing verification of chemical formulations to the ZDHC MRSL. Thereby, demonstrating their commitment to responsible upstream chemical management.

c-MAP programme modules

-  **Module 1:** c-MAP on-site chemical management audit
-  **Module 2:** c-MAP MRSL testing
-  **Module 3:** c-MAP chemical supply chain transparency

Benefits of c-MAP for chemical manufacturers

- ZDHC Conformance Level 1 to 3
- ZDHC compliant chemical formulations listed on the ZDHC Gateway updated to show certification of ZDHC Conformance Level 1 to 3
- Assurance of chemical supply chain transparency through on-site audits and MRSL testing (ZDHC Conformance Level 3 only)
- Recognition of the chemical company's commitment to responsible chemistry



m-MAP programme



Become a Chem-MAP® approved manufacturer through m-MAP

Manufacturers of leather, textile and synthetic materials can achieve Chem-MAP® Approved Manufacturer status for the implementation of responsible chemical management in the supply chain. m-MAP equips manufacturers with a range of capacity building tools including online training programmes, chemical inventory management and chemical management audits of manufacturing facilities.

m-MAP programme modules

-  **Module 1:** m-MAP on-site chemical management audit
-  **Module 2:** Chem-MAP® Approved Technician (CAT) award

Benefits of m-MAP for manufacturers of products and materials

- A chemical management audit of the manufacturing site(s)
- Becoming a Chem-MAP® Approved Manufacturer (CAM)
- Staff achieving the Level 1/Level 2 Chem-MAP® Approved Technician (CAT) award through access to expert chemical management training online
- Attracting brands and retailers by supporting ZDHC goals and objectives

b-MAP programme



Developing chemical management systems for brands and retailers

b-MAP is a specially designed Programme within Chem-MAP® to support brands and retailers with implementing responsible chemical management in their materials supply chains for leather, textile and synthetic products. b-MAP provides a flexible approach to capacity building and ultimately positions brands and retailers to implement responsible chemical sourcing strategies within their material supply chains.

b-MAP programme modules



Module 1: b-MAP chemical management audit

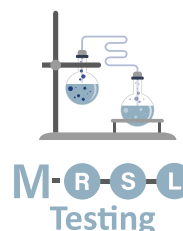


Module 2: Benchmarking and gap analysis

Benefits of b-MAP for brands and retailers

- An independent technical review of current chemical management systems
- Help with developing a responsible chemical management programme and implementing this in the materials supply chain
- Benchmarking and gap analysis against industry leaders
- An action plan for improvement
- Support to help brands and retailers satisfy ZDHC goals and objectives

MRSL testing



MRSL testing: Testing upstream to reduce RSL failures in manufacturing

Manufacturing Restricted Substances List (MRSL) testing is an essential component of chemical risk management, focusing upstream in the supply chain, beyond Restricted Substance Lists (RSL) testing. MRSL testing through Chem-MAP® can help to minimise RSL failures, providing a long-term financial benefit for your business and further reducing chemical risk to your customers, and the rest of the supply chain.

MRSL testing packages



Package 1: Complete MRSL testing of chemical formulations



Package 2: Smart testing of chemical formulations



Package 3: MRSL testing of individual analytes or chemical groups



Package 4: MRSL testing to customer specifications

Ensure your products meet a recognised industry standard

Laboratory specialists at Eurofins I BLC have developed the testing of chemicals to an MRSL which includes a series of fully validated test methods, that are used in Chem-MAP®. The test methods are then used to determine the quantity of individual chemicals within a supplied chemical formulation, against those listed on the **Zero Discharge of Hazardous Chemicals (ZDHC) MRSL**.

Ve-MAP programme



Ve-MAP: A new programme for the certification of vegan materials

Ve-MAP is a new innovative programme within the Chem-MAP® family which tests chemicals used in the manufacture of materials, to establish whether any animal products or by-products have been used. Ve-MAP helps brands and retailers to correctly specify materials using a phased approach, covering the manufacture of materials, chemical management, risk assessment and testing to achieve vegan certification of materials.

5x Phases of vegan verification

-  **1. Supplier comms**
-  **2. Data collection**
-  **3. Risk assessment**
-  **4. DNA analysis**
-  **5. Ve-MAP certification**

Benefits of Ve-MAP certification

- Assurance that any chemistry used in the production of products/materials have not been derived from animal origin
- Independent third party verification and certification process supported by DNA testing
- Development of chemical management systems for vegan materials which goes beyond the absence of animal-derived material such as leather, feathers and fur
- Support for brands and retailers to endorse products as 'animal-free' and 'vegan friendly'
- Training and awareness for manufacturers, brands and retailers

Next steps: Start your journey to responsible chemical management

If your business is looking to develop chemical management systems, you can discuss your needs with one of our technical experts today.

Our team has a wide range of experience in chemical risk management in the materials supply chain for the footwear and apparel sectors. Their specialist knowledge includes conducting chemical management audits and risk assessments, reviewing chemical handling procedures, raw material processing (leather, textiles, and synthetics), chemical testing, MRSL testing of formulations, RSL testing and chemical compliance.



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