



2022 LWG MEMBER CONFERENCE

Hybrid • September 22, 2022

SESSION 4:
Responsible Chemistry



SESSION 4

Responsible chemistry

Chemicals are used in the manufacture of many products, from your cell phone to your shoes. The LWG Member Conference calls for a greater understanding of chemical management and how we can all play our part in the responsible use of chemicals within the leather industry.

- 14:00 ● Responsible chemistry within leather manufacturing
Dr. Leticia Millward, *Leather Working Group*
- 14:10 ● How EU regulatory activities impact European leather industry
Andreas Bayer, *TEGEWA*
- 14:20 ● Sustainable chemical management with the ZDHC Roadmap to Zero programme
Elisa Gavazza, *ZDHC*
- 14:30 ● Q&A Panel Discussion
Panellists: *Dr. Leticia Millward, Andreas Bayer, and Elisa Gavazza*
- 14:50 ● *NEXT SESSION: ENVIRONMENTAL IMPACT*



Dr. Leticia Millward
Standards Manager

Leather Working Group

Responsible chemistry within leather manufacturing

How Version 7 of the LWG Leather Manufacturer Audit Protocol (P7) is driving the responsible management of chemicals within leather manufacturing facilities

Speaker Profile

Leticia Millward currently works as the Standards Manager at Leather Working Group, after initially joining the group as a Sustainability Project Manager in June 2021.

Leticia helps grow our technical offering by contributing to audit developments, providing technical advice and expertise, and developing special topics.

Leticia has worked with leather manufacturing, research and teaching in Brazil and the UK and has over 10 years' experience in leather technology. Leticia holds a BSc and MSc in Chemical Engineering and a PhD in Leather Science.

Responsible chemistry within leather manufacturing

Dr. Leticia Millward
LWG Standards Manager

LWG Member Conference
22 September 2022

Benefits of responsible chemical management

Minimizes health risks to workers and community

Minimizes environmental damage

Meets regulatory requirements

Improves consumer perception and company reputation

LWG Protocol 7

Chemical management



Audit Request Number:

Contract Number:



LWG LEATHER MANUFACTURER AUDIT PROTOCOL RESPONSES REPORT

An environmental audit standard for leather manufacturers, covering key elements of leather manufacturing including traceability, social responsibility, health & safety, effluent treatment, and chemical management.

Issue 7.2.2 (Rev.1)

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LWG URN	<input type="text"/>
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Auditor Name:	Select from list

Chemical
Management Module
became an integral
part of the LWG
Leather Manufacturer
Audit Protocol (LMAP)
version 7

LWG Protocol requirements

Chemical management section

- Chemical management policy
- MRSL Compliance
- Risk assessment
- Selection/purchase of chemicals
- Chemical inventory
- Storage/segregation and handling of chemicals
- Training of employees
- Safety data sheets
- Emergency response



Policies & Procedures

- Legal and customer requirements
- Roles and responsibilities
- Qualifications of chemical managers
- Coverage of lifecycle of chemicals within the facility
- Communication (internal/external)
- Reviews



Restricted Substances List (RSL)

- Focuses on substances that can be found in finished materials and products (shoe, furniture, leather)
- Used to confirm the absence of harmful/hazardous substances in the product
- P7 requires RSL testing of part-processed materials
- P7 is aligned with AFIRM RSL testing matrix

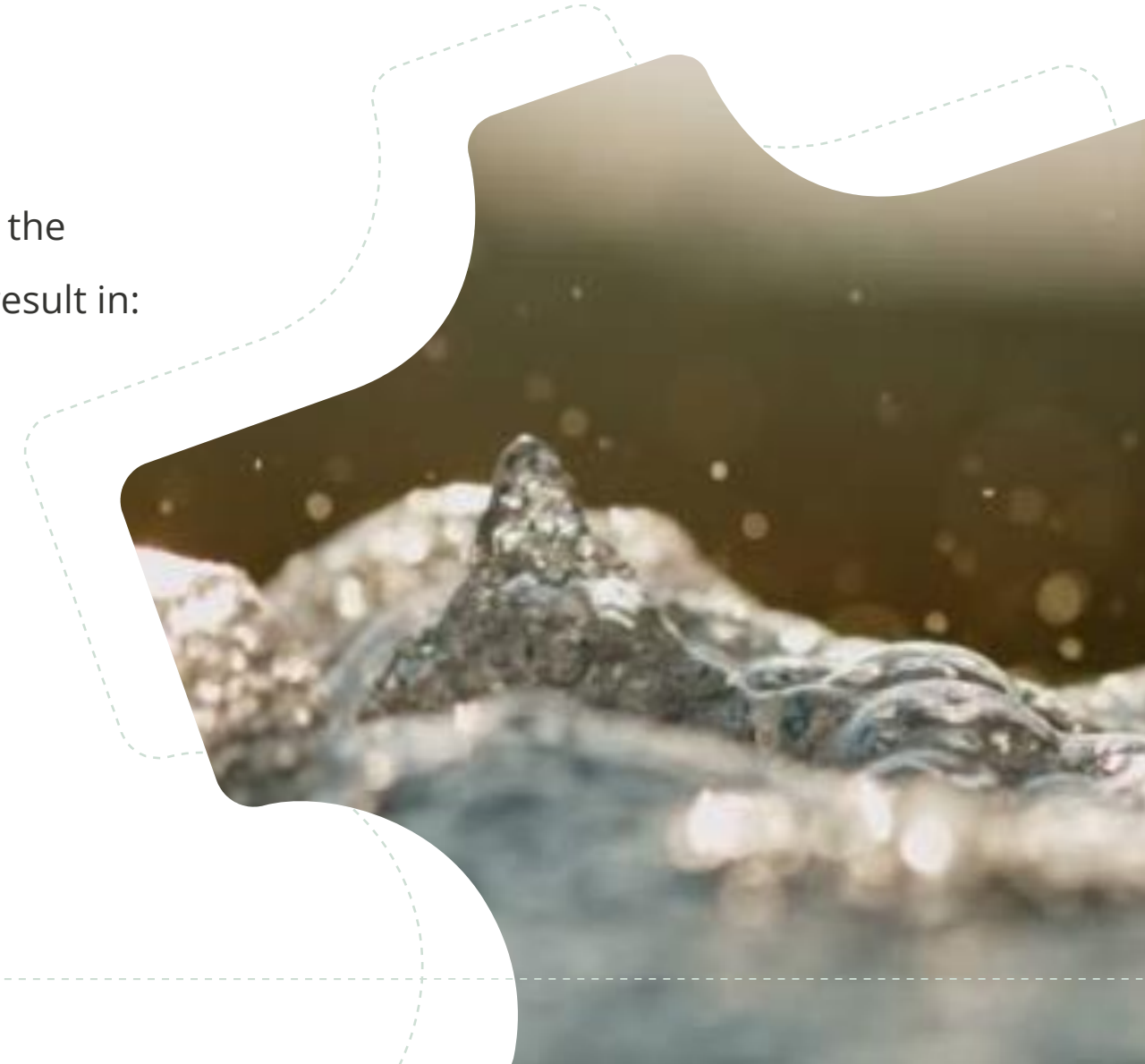
Manufacturing Restricted Substances List (MRSL)

- Focuses on substances used in the production process or in the manufacturing facility (chemical formulation)
- Used to prevent harmful/hazardous substances to enter production processes
- P7 requires MRSL compliance for suppliers of part-processed material
- LWG recognizes the ZDHC MRSL as a minimum requirement

Importance of good chemical management

Investing the time and resources necessary to manage the chemical usage in a leather manufacturing facility will result in:

- increased safety
- fast emergency response
- improved sustainability
- reduced waste
- helping the company avoid fines
- saving money





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Thank you!