CHEMISTRY ASSESSMENTS FOR TEXTILES

Industries, including textiles and apparel, are pushing toward the use of safer chemistry in their operations and supply chains.

NSF’s chemical assessment services allow textile companies to demonstrate compliance with supplier demands and program requirements, without necessarily having to divulge proprietary information to outside parties.

We provide two pathways of reaching Level 1 conformance to the Zero Discharge of Hazardous Chemicals (ZDHC) Programme’s Manufacturing Restricted Substances List (MRSL) Conformance Guidance, including ToxServices’ Full Materials Disclosure® (ToxFMD®) Program and a third-party review to the ZDHC MRSL. These programs assess the human and environmental hazards associated with using certain chemicals and formulations.

ZDHC

The Zero Discharge of Hazardous Chemicals (ZDHC) Programme takes a holistic approach to tackling the issue of hazardous chemicals in the global textile, leather and footwear supply chain.

One way of working toward the goal of eliminating the use of priority chemicals is by focusing on a Manufacturing Restricted Substances List (MRSL). The ZDHC MRSL provides a clear list of chemical substances that are banned from intentional use in chemical formulations. Additionally, restrictions are set in cases where they may be found as unintended contaminants within a commercial chemical formulation.

NSF is approved by ZDHC to work with chemical suppliers to indicate Level 1 conformance of their chemical formulations to the ZDHC MRSL on the ZDHC Gateway - Chemical Module, performing a third-party review to screen chemical formulations.

TOXFMD

The ToxFMD Screened Chemistry™ Program provides a streamlined platform for chemical hazard assessment and supports claims related to safer chemicals at the formulation level, supporting safer chemical identification and informed substitution. ToxFMD® is an assessment of a chemical formulation’s full disclosure of all intentionally added ingredients present at any concentration and residuals present at or above 0.01% of the formulation. The ToxFMD criteria reviews against various chemical hazard assessment methods such as the U.S. EPA Safer Chemical Ingredients List (SCIL) or Master Criteria, the GreenScreen List Translator® (GS LT) or GreenScreen® for Safer Chemicals (GS), and the ZDHC Manufacturing Restricted Substances List (MRSL, Group B, v. 1.1).

ToxFMD® was originally developed by ToxServices and the ToxFMD® mark is the property of ToxServices.
WHY WORK WITH NSF?

NSF’s chemical assessment services provide several benefits to textile companies:

> They provide brands and suppliers with a harmonized approach to managing chemicals during the processing of raw materials within the apparel and footwear supply chain.

> By using chemical formulations that are in conformance to ZDHC MRSL limits, material suppliers and their customers can be assured that banned chemical substances are not intentionally used during production.

> You can demonstrate compliance with supplier demands without needing to divulge proprietary information.

> Work towards meeting chemical requirements for other schemes, such as Global Recycled Standard (GRS).

FULL PORTFOLIO OF TEXTILE SERVICES

CONTACT US
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