

Case Study

TORAY

Innovation by Chemistry

<https://www.toray.cn/cn/>

About Toray Sakai Weaving & Dyeing

Established in 1994, Toray Sakai Weaving & Dyeing (Nantong) Co., Ltd. (TSD) stands as the largest manufacturing investment of the Toray Group in China. TSD specializes in grey cloth production, functional fabric processing, garment manufacturing, and water treatment. The company operates with an integrated, one-stop production system that includes cutting-edge innovation, yarn weaving, dyeing, finishing, testing, and garment production. As Toray's flagship overseas facility, TSD is committed to maintaining top-tier safety, environmental, and occupational health standards, while also upholding rigorous energy management and social responsibility practices. Guided by the philosophy of "contributing to society by creating new value," TSD continues to develop innovative, high-performance fabrics, driving growth and shared success with its customers.

Client challenges

Before implementing CleanChain, their online chemical management system, tracking MRSL compliance for existing chemicals in real-time during the ZDHC implementation was a significant challenge due to the vast number of chemical categories. Additionally, for non-compliant chemicals and products with expired certifications, they had to manually verify, organize, and communicate with each chemical manufacturer individually. This manual process was time-consuming and severely impacted their operational efficiency. Moreover, improving overall MRSL compliance posed a major challenge. Another concern was how their customers would respond to and accept the integration with the CleanChain platform.

CleanChain Solution

"Our chemical management team consistently uploads the list of chemicals into the system on a monthly basis and downloads the InCheck report. To ensure timely submissions, CleanChain also sends automated email reminders to users about upcoming upload deadlines. Beyond regular chemical data uploads, we utilize the system's dashboard in our daily operations to monitor products approaching expiration and those that are non-compliant. This allows us to have focused and efficient communication with chemical suppliers, guiding them to test non-compliant products and upload the results to the ZDHC Gateway. Additionally, CleanChain's 'connect' function facilitates seamless data sharing by automatically sending CIL data and InCheck reports to our partner brands. By streamlining data management and automating report sharing, CleanChain significantly boosts our efficiency and reduces the need for manual processes."

Key Benefits

"The implementation of the CleanChain platform has significantly reduced our exposure to chemical risk substances while greatly enhancing the efficiency of our chemical management efforts. Additionally, adopting CleanChain has strengthened customer recognition and trust, particularly among those familiar with or already utilizing the platform. Ultimately, CleanChain plays a key role in advancing our sustainability initiatives."