



Chemical Management Solutions for Electrical and Electronic Products

Stay on top of critical global chemical regulations with UL

With the rapid development of new technologies, electrical and electronic products are emerging constantly. Under dual pressures of environmental hazards and resource constraints, retailers and manufacturers need to pay attention to global chemical regulations that impact the production and distribution of these articles, as regulations related to the control of harmful substances are becoming increasingly stringent on all levels of government: local, state, national, and international.

In the past few years, many countries have introduced chemical legislations for electrical and electronic products, including:

- RoHS (Restriction of Hazardous Substances) legislations in different countries
- WEEE (Waste Electrical and Electronic Equipment)
- REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) legislation
- U.S. Toxic Substances Control Act (TSCA)

The importance of risk management in electronics

UL is recognized worldwide for its deep global expertise in certification and testing of electrical and electronic products. We can help streamline the process of bringing your articles to market and help you determine if your products meet safety standards and satisfy quality and performance expectations.

In addition, UL has a global network of laboratories where we perform the broad portfolio of analyses you need to evaluate compliance with global chemical regulations, avoiding recalls that could damage your brand's reputation.

We can support your efforts to mitigate potential risks associated with the manufacturing of electrical and electronic products, including:

- Health and environmental hazards
- Penalties and recalls
- Damage to brand image and reputation





How we can help you

UL has state-of-the-art laboratories and experienced industry experts worldwide to help you understand the requirements of international and national regulations and product standards, including manufacturing and performance requirements, as well as product and packaging labeling requirements.

UL's experts and engineers offer product safety solutions, including assistance with a thorough understanding of regulatory requirements in your target markets to reduce the risk of product recalls. We can provide testing services for various types of electrical and electronic equipment.

Chemical management solutions

UL's network of chemical laboratories can test your electrical and electronic products to major international regulations, including:

- REACH regulation and SCIP database
- Persistent Organic Pollutants (POPs) Regulation
- ROHS and WEEE legislations
- U.S. TSCA
- California Proposition 65
- Battery regulations
- CHCCs (Chemical of High Concern of Children) in specific U.S. states
- Hazardous substances in packaging
- Specific food contact materials global regulations such as the EU Regulations (EC) 1935/2004 and (EC) 10/2011 and further amendments on plastic, the U.S. Food and Drug Administration (FDA), Chinese GB Standards, and the Japan Food Sanitation Law

In addition, our experts can provide a complete suite of chemical management solutions for electrical and electronic products from design to production to help your supply chain meet regulatory requirements and achieve sustainability goals.

We can support you in accessing target markets through specific solutions for destination regions requiring certification processes, including technical document review, label review and chemical analysis.

Contact us at RestrictedSubstancesEEE@ul.com

or visit [UL.com/services/chemical-management-electrical-and-electronic-products](https://ul.com/services/chemical-management-electrical-and-electronic-products) for more information.



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