



Chemical Testing, Advisory and Data Management Services for Electrical and Electronic Products

Stay on top of critical global chemical regulatory developments with UL Solutions

With the rapid growth of new technologies, electrical and electronic products are evolving constantly. Under the dual pressures of environmental hazard mitigation and resource constraints, retailers and manufacturers must pay strict attention to global chemical regulations that impact the production and distribution of these products.

These pressures are exacerbated as control of hazardous substances becoming increasingly stringent at all levels of government: local, state, national and international.

In recent years, many countries have introduced legislation regulating chemicals for use in electrical and electronic products. Among the most significant of these legislative initiatives are:

- RoHS (Restriction of Hazardous Substances) legislation in different countries
- WEEE (waste electrical and electronic equipment)
- REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) regulation
- POPs (persistent organic pollutants) regulation
- TSCA (U.S. Toxic Substance Control Act)
- California Proposition 65
- CHCCs (Chemicals of High Concern to Children) in specific U.S. states
- Battery and capacitor regulations

- Hazardous substances used in packaging
- Specific food contact materials, including 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

The importance of risk management in electronics manufacturing

Manufacturers, importers and retailers of electrical and electronic products must comply with an increasing number of complex regulations aimed at protecting human health and the environment against potential risks associated with specific chemicals.

While the intent of these efforts is clear, understanding how to meet wide-ranging requirements across all target markets, ensure transparency throughout the supply chain and clearly demonstrate compliance can prove to be a significant challenge.

UL Solutions is recognized worldwide for its deep global expertise in testing, certification, advisory and chemical data management of electrical and electronic products. We can help streamline the process of bringing products to market and help you determine if your products meet relevant safety standards, quality guidelines and performance specifications.





How UL Solutions can help you

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

We help companies address compliance challenges and manage potential risks with a range of approaches. Whether you want to test your products and materials, screen all materials disclosed in products, or combine product testing and material screening, UL Solutions can help with:

- Testing products and materials against global chemical requirements
- Market-specific certifications
- Chemical data management software that screens material disclosures against global regulations
- Regulatory content and automation software for creating all regulatory compliance documents, including Safety Data Sheets, reports, labels and packaging
- Data collection software to gather and manage information on the materials being used in your product development and manufacturing processes
- Chemical regulatory advisory services and training, including technical documents, label reviews and market readiness reports
- Education and training

Bring your products to market efficiently and minimize risk with UL Solutions for testing, advisory and chemical data management services.

Contact us at RestrictedSubstancesEEE@UL.com or visit [UL.com/services/chemical-testing-advisory-services-and-data-management-electronics](https://www.ul.com/services/chemical-testing-advisory-services-and-data-management-electronics) for more information.



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