

# CHEMICAL MANAGEMENT SERVICES

## CONSUMER PRODUCTS

With a growing demand for chemical transparency throughout supply chains, increasing regulatory requirements at global and regional levels, and a constantly evolving list of chemicals of concern, brand owners are responsible for proving compliance while meeting consumer expectations.



### Background

Chemicals are used in the manufacturing and packaging of every consumer product. Incorporating chemical management into your product development process increases visibility deep into your supply chain, detects and mitigates potential risks from hazardous chemicals, ensures regulatory compliance, and ultimately protects your customers, the environment, and your brand.

Intertek can assist you in identifying and developing a holistic approach to chemical management, including regulatory compliance, ensuring essential safety, and managing perceived safety of consumer products. We offer expertise on chemical regulations and standards, as well as information on the possibility of chemical alternatives, substitutions, and changes if needed.

We can also construct customized testing scenarios to ascertain the potential for chemical transference or contamination from raw materials to finished products throughout manufacturing, packaging, shipping and handling, distribution, and customer usage.

### Our Solutions

- **Chemical Management Process:** Establish a chemical management process based on regulatory requirements, essential safety, perceived safety, and your company's expectations and risk tolerance. We also implement the process for you along your supply chain.
- **Chemical Risk Assessment:** Determine your chemical exposure through calculation and strategically designed testing, hazard research, and scientific risk assessments of intended, and foreseeable use and abuse, and managing incident.
- **Toxicological Risk Assessment:** Evaluate toxicity of material by board-certified toxicologist, for different health endpoints with product applications, consumer category, intended use, foreseeable use and abuse, taking into consideration of scientific data, medical literature, and relevant regulations to determine material safety and compliance.
- **Global Regulatory Compliance Assessment:** Ensure global compliance through formulation reviews and optimized minimum testing plans.
- **Restricted Substances Lists and Management:** Establish Restricted Substance Lists (RSL) based on regulatory requirements, essential safety, perceived safety, and your company's risk tolerance. Develop an implementable and effective RSL management program that delineates restricted, prohibited, and potentially problematic substances; testing methods; and supply chain management to ensure that you're consistently providing safe products to consumers.
- **Optimized Testing Program:** Tailor chemical testing to meet or exceed regulations, based on your company's goals, markets, and budget. This program transforms your chemical strategy efficiently into action, laying out appropriate tests by product type/line, frequency of testing, and timing along the supply chain.
- **Supply Chain Chemical Management:** Gain detailed insight into the chemicals in your product line. Intertek will work directly with your supply chain to understand the chemicals used in the manufacture of your products, identify any risks relative to regulatory and industry standards, and establish chemical management programs for your suppliers.



### Standards and Regulations Affecting Chemical Use in Consumer Products

Intertek stays well informed of regulatory changes and standards in regard to chemicals used in the creation, manufacturing, shipping, storage, and use of consumer products, including:

- **US Federal and State Regulation**
  - Consumer Product Safety Improvement Act (CPSIA), 16 CFR
  - Labelling of Hazardous Art Materials Act (LHAMA), 16 CFR
  - California Safer Consumer Products Regulations
  - California Proposition 65
  - Washington Children's Safe Product Act, Chapter 70.240 RCW
  - Maine Safer Chemicals in Children's Products
  - Toxics in Packaging Legislation / Regulations
  - Other US States chemical regulations
- **EU Regulation**
  - Toy Safety Directive 2009/48/EC
  - REACH Regulation (EC) No 1907/2006
  - Restriction of Hazardous Substances Directive (RoHS & RoHS 2)
  - Packaging and Packaging Waste Directive (94/62/EC)
- **Canada Consumer Product Safety Act and Regulations**
- **Other Countries and Regions**

### The Intertek Advantage

Intertek is a leading Total Quality Assurance provider to industries worldwide. Our network of more than 1,000 laboratories and offices and over 44,000 people in more than 100 countries, delivers innovative and bespoke Assurance, Testing, Inspection and Certification solutions for our customers' operations and supply chains. Intertek Total Quality Assurance expertise, delivered consistently with precision, pace and passion, enabling our customers to power ahead safely.

**Total Quality. Assured.**

- **Manufacturing Process Control and Auditing:** Eliminate contamination, establish quality control processes, and verify manufacturer chemical control effectiveness.
- **Training:** Learn from Intertek's experts in chemical management, chemical toxicology, and regulatory compliance.
- **Customized Regulatory Monitoring Newsletter:** Receive updates on regulatory changes and industry news related to your specific products and markets of interest.

Our work includes extensively researching products to understand their creation and market placement, as well as the myriad of ways they can actually be used, and misused, once out in the field. In this way, Intertek strives to keep your business and customers safe while also promoting growth.

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#### FOR MORE INFORMATION

 +1 224 200 7172

 kimberly.sheehy@intertek.com

 [intertek.com/green/chemical-management/](https://www.intertek.com/green/chemical-management/)