

Per- and Polyfluoroalkyl Substances (PFAS)

Intertek's Chemical Management Solutions

Safeguard your brand's reputation, ensure regulatory compliance, and protect your customers and the environment with our comprehensive range of chemical management solutions. From risk assessment to regulatory reporting, we help streamline compliance processes and support sustainable, responsible business practices.



Background

Per- and polyfluoroalkyl substances (PFAS) are a group of manufactured carbon and fluorine based chemicals, which include chemicals known as PFOS, PFOA, GenX and more. PFAS are resistant to heat, oil and water and have been used in a wide range of consumer and industrial products including protective coatings in non-stick cookware, waterproof fabrics, fast food packaging, firefighting foams, etc.

The challenge

PFAS can be easily released into environment contaminating the air, soil, and water, including sources of drinking water. Because these chemicals are highly resistant to disintegration, it takes a longer time for these compounds to break down in the environment and in the human body.

According to the Environmental Protection Agency (EPA), there has been evidence which shows that exposure to PFAS can cause adverse health effects in humans and animals.

Are PFAS regulated?

Regulatory bodies and policy makers in the U.S., Canada, EU and Australia have developed guidelines or standards to address the environmental and human health issues and concerns relating to PFAS. Regulations around the world have banned, prohibited, or restricted the use of PFAS in a variety of products. Because of the concerns related to PFAS, the regulations are continuously evolving.

Our solutions

Our global team of regulatory experts and scientists (chemists and toxicologists) can provide customized chemical safety and regulatory solutions to help you deliver safe and compliant products on the market.

Our services include:

- **Regulatory newsletters:** Our experts are constantly monitoring regulatory changes and emerging issues relating to PFAS. We can compile an up to date PFAS market news report including any regulatory updates tailored to your industry.
- **PFAS chemical testing:** Our experts can screen your products for the potential inclusion of PFAS chemicals or conduct a scientific investigation to determine the chemical exposure for consumer products.
- **Performance testing of PFAS-free products:** We can develop a tailored suite of performance testing solutions for companies wishing to manufacture PFAS-free replacement products. Through our testing and evaluation, we are able to compare a product's performance against an existing product line to ensure quality is maintained. We can test for grease resistance (e.g. TAPPI T559, ISO 16532), water absorptivity (e.g. ISO 535, TAPPI T441), rigidity, and other properties.
- **Food contact compliance:** Our experts can provide food contact testing and regulatory support to achieve compliance and can assist with new product/additive submissions to the appropriate regulatory authorities for evaluation.

- **Global regulatory approvals:** We can assist you in gathering the right documentation needed to obtain regulatory approvals for successful market entry.

The Intertek advantage

Intertek's holistic and strategic approach to chemical management can provide you with the analytical data and insight you need for your specific products.

Intertek is a leading Total Quality Assurance provider to industries worldwide. Our network of more than 1,000 laboratories and offices 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.

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