

# PFAS FACTS

## ***What you need to know regarding impact and regulatory compliance.***

Per- and polyfluoroalkyl substances (PFAS) are a group of at least 4700 substances used in the manufacture of many consumer products. PFAS are often added to textiles (such as outdoor jackets, work or protective clothing) for water and oil repellent finishing. Benefit from our support by screening, identifying and certifying PFAS to protect people and planet.

### Why are PFAS so dangerous?

#### **Planet**

PFAS can affect the environment during production, use, care and disposal of products. These highly stable “forever chemicals” do not degrade in groundwater and soils. Instead, PFAS can accumulate in living organisms and be ingested by humans through the food chain.



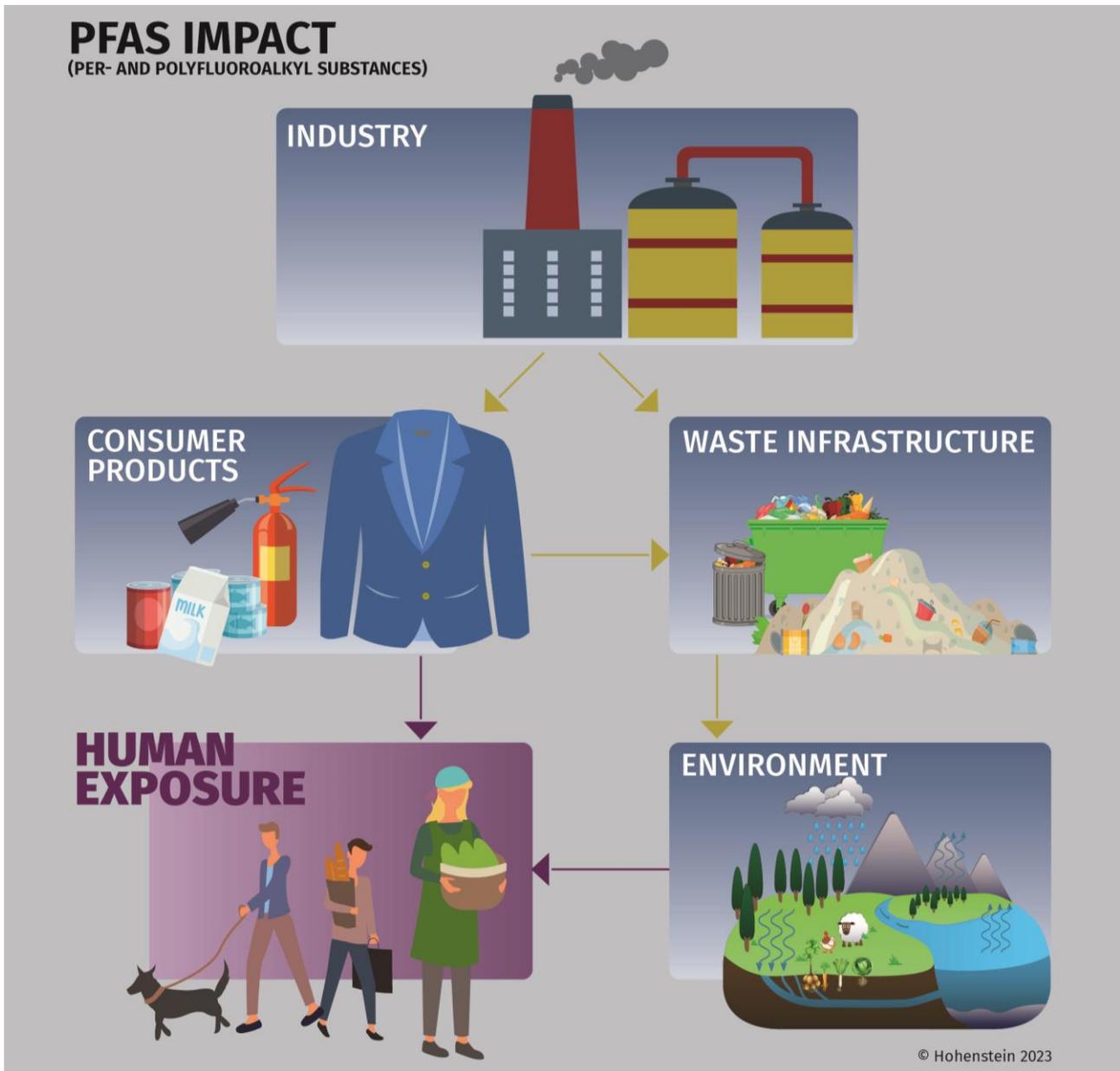
#### **People**

Studies have shown widespread contamination of the blood and breast milk in the global population. PFAS have been linked to effects on the thyroid, hormonal system, liver damage and cancer, among others.



# PFAS IMPACT

(PER- AND POLYFLUOROALKYL SUBSTANCES)



## The challenge.

These substances are the focus of NGOs and market regulators worldwide. At the same time, knowledge within supply chains about them is not yet sharpened. It is therefore important to gain certainty and minimize risks through proactive measures.

However, there is no standardized set of analytes. In addition, different testing approaches are required depending on the market. (target analysis vs. total organic fluorine)

At the same time, both regulatory and analytical changes are still expected in the future. For this reason, the choice of the right method and the performance of analyses must always be in line with the latest state of the art.

## Need advice?

Hohenstein is at your side with its technical expertise and analytical know-how in the face of the growing number of regulations and the complexity of analysis.

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