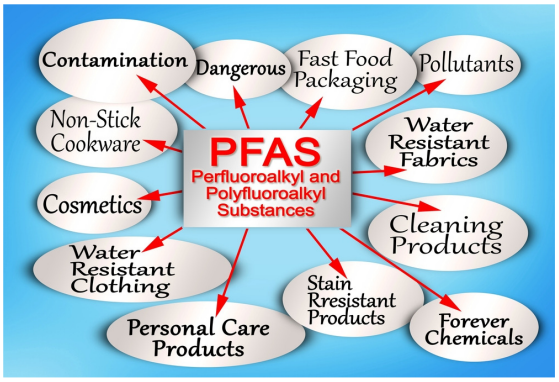
## *What is PFAS ?*

PFAS, or per- and polyfluoroalkyl substances, comprise a group of chemicals with various industrial applications due to their ability to resist heat, stains, grease, and water.




In the context of BioPak products, the company is committed to environmental sustainability and has invested in research and development to find alternatives to PFAS for oil resistance in its products. By June 2024, BioPak aims to transition to a completely PFAS-free plant pulp range, demonstrating its commitment to both sustainability and food safety. While regulators have not yet banned PFAS, BioPak prioritizes the safety of its products and aims to lead the industry in eliminating these chemicals from food packaging.

PFAS is commonly found in products like food packaging, stain-resistant fabrics, non-stick cookware, paper coatings, cosmetics, and firefighting foams. However, their persistence in the environment and potential adverse effects on health have raised concerns.

These chemicals, often referred to as "forever chemicals," do not easily break down and can accumulate in the environment and in living organisms, including humans. While most people have low levels of PFAS in their bodies from everyday exposure, those living near contamination sites may have higher levels, especially if they've been exposed through drinking water.

Studies on animals have shown adverse effects on organs like the liver, gastrointestinal tract, and thyroid hormones from chronic PFAS exposure, though the direct applicability of these findings to humans is still uncertain.