



WHAT IS PFAS?

Per- and polyfluoroalkyl substances (PFAS), also known as “forever chemicals,” are a group of synthetic man-made chemicals resistant to heat, water and oil. They’re produced using electrochemical fluorination (ECF) and fluorotelomerization. This process uses heat and pressure to lock together or create a carbon-fluorine bond.

PFOA and PFOS are the two most common and extensively studied types of PFAS.

Consolidation and destructive technologies are being developed but currently are very expensive to purchase and operate to destroy PFAS.

WHERE PFAS SHOWS UP

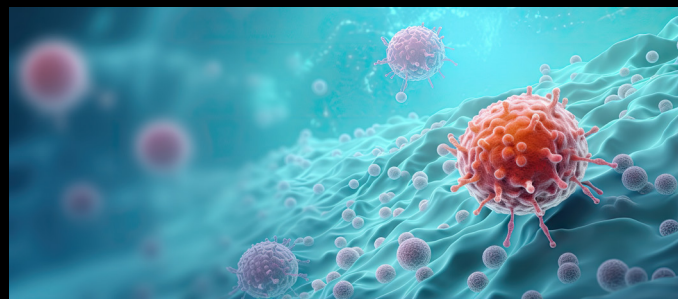
Studies from the [U.S. National Institute of Environmental Health Sciences](#), [European Commission](#), [U.S. Environmental Protection Agency \(EPA\)](#) and university systems like [Oxford](#) and [Harvard](#) are showing the reality of PFAS found in everyday items and the effects of PFAS on the health of people and animals.

It raises concerns about the potential for long-term health impacts on populations as well as significant economic costs. Many government agencies have made substantial progress in regulating PFAS that makes its way into the environment and drinking water through numerous sources including landfills and processing water.

PFAS have been used extensively in everyday products for decades, including clothing, carpet, cookware, food packaging and firefighting equipment and foam.

EXPOSURE TO PFAS HAS BEEN LINKED TO:

- Increased cholesterol levels
- Immune system effects
- Hormonal disruptions
- Increased risk of certain cancers (such as kidney and testicular cancer)
- Developmental issues in fetuses and infants



**CONTACT US TODAY TO LEARN HOW
PLASMA BLUE DESTROYS PFAS!**

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