



Solvay's roadmap to phase out fluorosurfactants

At Solvay, we have a long record of innovation, and since our founding 160 years ago we have used science to help invent more sustainable, high-performing solutions to address the challenges of today and tomorrow.

An example of this innovation at work is our new polymerization technology that enables us to manufacture durable fluoropolymers without the use of fluorosurfactants. We are leading the industry in expanding our non-fluorosurfactant technology while also meeting the needs of our customers.

Expanding our non-fluorosurfactant technologies

Since 2019, Solvay has made significant progress in its aim to phase out fluorosurfactants. The company quadrupled its investment in Research & Innovation to develop new non-fluorosurfactant technologies. It eliminated the use of fluorosurfactants in the United States in July 2021 and, by 2026, it will manufacture nearly 100% of its fluoropolymers without fluorosurfactants at its Spinetta Marengo site in Italy

Solvay's fluoropolymers are specialty materials that are needed in a variety of applications that support a more sustainable society and mobility.



Renewable energy installations



Lithium-ion batteries



Components for compact engines in hybrid and electric vehicles



Medical device components



Smart devices



We are excited to continue expanding our non-fluorosurfactant technology as we conduct further research to achieve our aim of completely phasing out fluorosurfactants on a voluntary basis.

ILHAM KADRI
CEO



Quick Facts on PFAS

- ✓ PFAS is a large family of chemicals all with different properties and profiles. Among them, the use of fluorosurfactants represent a global challenge for the industry
- ✓ Today, we only use fluorosurfactants in our Spinetta Marengo facility in Italy
- ✓ Today in Spinetta, we only manufacture limited quantities of a new generation fluorosurfactant (C6O4) while we transition to the new non-fluorosurfactant technology.
- ✓ We are constantly improving emission treatment technologies, eliminating nearly 100% of fluorosurfactant emissions from our operations at our Spinetta Marengo facility

2013	2021	2026
Solvay voluntarily phased out use of first generation fluorosurfactants (PFOA- and PFNA-based process aids) globally in 2013, well in advance of any legal requirement to do so.	Today, we use a limited number of fluorosurfactants and we are transforming our fluoropolymers portfolio with new non-fluorosurfactant technologies.	Our research is ongoing to complete phase out of fluorosurfactants and by 2026 Solvay will manufacture nearly 100% of its fluoropolymers without the use of fluorosurfactants.

At Solvay, we bond people, ideas and elements to reinvent progress.

As a science company with sustainability at our core, Solvay is focused on solving critical industrial, social, and environmental challenges, consistent with our commitment to uncompromising ethics, safety, wellbeing and environmental stewardship. For us, operating legally is the floor — not the ceiling. We are guided by our sustainability roadmap, [Solvay One Planet](#). Learn more at [solvay.com/en/sustainability](#)

