

European Regulatory Overview

Chemours PTFE, FEP, PFA, ETFE and FFR Products

April 27, 2023

Agenda

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- EU Regulatory Summary
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- Swiss Regulatory Summary
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Regulations—Fluorinated Substances

European Union (EU)

- **EU POP** (Regulation (EU) 2019/1021 on Persistent Organic Pollutants)
- **C9-C14 PFCA REACH Restriction** (Commission Regulation (EU) 2021/1297)
(PFCA = Perfluorocarboxylic Acids)
- **PFHxA REACH Restriction Proposal**

UK

- **UK POP** (Regulation S.I. 2007/3106)

Switzerland

- **ORRChem** (Chemical Risk Reduction Ordinance)

European Union Regulations

European Union Regulations	EU POP (Persistent Organic Pollutants)	C9-C14 PFCAs*** (sum total)
	(EU) 2019/2021	(EU) 2021/1297
General Limit:	25 ppb	25 ppb
PTFE Micropowders Limit (Current)*:	1000 ppb	1000 ppb
PTFE Micropowders Limit (Future):	25 ppb** (estimated late 3Q23)	See footnote***

PTFE, FEP, PFA, ETFE, and FFR products sold by Chemours in the EU are compliant with EU POP and C9-C14 PFCAs restriction.

* 1000 ppb derogation applies only to PTFE micropowders produced by ionising irradiation or by thermal degradation.

** PTFE micropowders currently being sold by Chemours in the EU meet the future EU POP limit for micropowders.

*** Some requirements of the C9-C14 PFCA Restriction will be updated or reviewed by August 2024.
Chemours will closely monitor these updates and inform customers of any impacts once we have assessed them.

UK Regulations

UK Regulation	UK POP (Persistent Organic Pollutants)	C9-C14 PFCAs (sum total)
	(UK) S.I. 2007/3106	None
General Limit:	25 ppb	Not currently regulated
PTFE Micropowders Limit*	1000 ppb*	Not currently regulated

PTFE, FEP, PFA, ETFE, and FFR products sold by Chemours in the UK are compliant with UK POP.

* 1000 ppb derogation applies only to PTFE micropowders produced by ionising irradiation or by thermal degradation (subject to certain conditions).

PTFE micropowders currently being sold by Chemours in the UK meet the general limit of 25 ppb.

The details of the regulatory requirements vary by European jurisdiction. Contact Chemours to review compliance if you are moving Chemours products as sold from the EU into the UK.

Switzerland Regulations

Switzerland Regulation	POPs (Persistent Organic Pollutants)	C9-C14 PFCAs (sum total)
	Chemical Risk Reduction Ordinance (ORRChem)	
General Limit:	25 ppb	25 ppb

PTFE (granular, fine powder, and dispersions), FEP, PFA, ETFE, and FFR products sold by Chemours into Switzerland are compliant with ORRChem for POPs and C9-C14 PFCAs. Chemours does not sell PTFE Micropowders into Switzerland.

The details of the regulatory requirements vary by European jurisdiction. Contact Chemours to review compliance if you are moving Chemours products as sold from the EU into Switzerland.

Proposed PFHxA EU REACH Restriction

- The PFHxA EU REACH Restriction Proposal has not yet been finalized.
- Chemours estimates the compliance date to be 2024 (possibly) to 2025 (likely).
- Chemours is actively engaged and closely monitoring this proposal.
- Chemours will inform customers of any impacts at the appropriate time.

Chemours Regulatory Compliance Summary

- PTFE, FEP, PFA, ETFE, and FFR products sold by Chemours in the EU are compliant with EU POP and the C9-C14 PFCAs restriction.
- PTFE Micropowders sold by Chemours in the EU will be compliant with the upcoming EU POP limit for micropowders (expected 3Q23).
- PTFE, FEP, PFA, ETFE, and FFR products sold by Chemours in the UK are compliant with UK POP.
- PTFE (granular, fine powders, and dispersions), FEP, PFA, ETFE, and FFR products sold by Chemours into Switzerland are compliant with ORRCHEM. Chemours does not sell PTFE Micropowders into Switzerland.
- The details of the regulatory requirements vary by European jurisdiction. Contact Chemours to review compliance if you are moving Chemours products as sold from the EU into the UK or Switzerland.

Chemours Compliance Approach (Analytical)

- Rigorous analytical method
 - Extensive internal analysis expertise
 - Extremely sensitive analytical method
 - Routine rigorous calibration
 - Validated by reproducibility and reliability studies
- Chemours method for residual extractions
 - [sop-residual-extractions-from-fluoropolymer-matrices.pdf \(chemours.com\)](https://chemours.com/sop-residual-extractions-from-fluoropolymer-matrices.pdf)
- Compliance statements are available, upon request

Questions?