

PFAS Use Gaps	Description of specific PFAS use/ benefits	Indicate application 1. Industrial 2. Professional 3. Consumer (or a combination)	Sector of use (e.g. cosmetics, TULAC, petroleum & mining) (if applicable)	Have you submitted any information on this use during the Call for evidence / First Consultation? (Yes/No)		Do you plan to submit any information on this use during the Second Consultation? (Yes/No)	
PFAS use in chlor-alkali production (chlorine and sodium hydroxide or potassium hydroxide) or in HCl electrolysis	In fluoropolymer components of membranes/ diaphragms to separate chlorine/ hydrogen and sodium hydroxide or potassium hydroxide or in case of HCl electrolysis the chlorine from the hydrogen or oxygen. Improves resistance against the chemical solutions in the electrochemical cells, improves energy efficiency and improves safety as prevents explosive reactions occurring. Alternative mercury and asbestos technologies are prohibited under EU law.	INDUSTRIAL		Volumes	yes	Volumes	no
				Emissions	no	Emissions	no
				Alternatives	yes	Alternatives	no
				Other	yes	Other	yes
PFAS use in chlor-alkali production (chlorine and sodium hydroxide and potassium hydroxide) and HCl electrolysis	In fluoropolymer components of gaskets, valves and pipework to transport chlor-alkali products. Used for durability and safety in the carriage of corrosive products.	INDUSTRIAL		Volumes	no	Volumes	no
				Emissions	no	Emissions	no
				Alternatives	no	Alternatives	no
				Other	yes	Other	yes
PFAS use in chlor-alkali production (chlorine and sodium hydroxide and potassium hydroxide) and HCl electrolysis	In fluorinated refrigerant gases to improve energy efficiency in the purification of the chlorine gas	INDUSTRIAL		Volumes	no	Volumes	no
				Emissions	no	Emissions	no
				Alternatives	no	Alternatives	no
				Other	yes	Other	yes
PFAS use in chlor-alkali production (chlorine and sodium hydroxide and potassium hydroxide) and HCl electrolysis	In fluorinated greases to improve efficiency and enhance safety to avoid loss of containment and explosive reactions occurring with the use of certain non-fluorinated greases.	INDUSTRIAL		Volumes	no	Volumes	no
				Emissions	no	Emissions	no
				Alternatives	no	Alternatives	no
				Other	yes	Other	yes