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Department of Health, Disability and Ageing

Australian Industrial Chemicals Introduction Scheme

Per- and poly-fluoroalkyl substances (PFAS)

Evaluation statement (EVA00204)

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Draft



Table of contents

Contents

AICIS evaluation statement (EVA00204).....	3
Subject of the evaluation.....	3
Chemicals in this evaluation.....	3
Reason for the evaluation	3
Parameters of evaluation	3
Summary of evaluation	4
Overview of PFAS introduction and end use in Australia.....	4
Reported types of PFAS.....	7
Reported volumes of PFAS	11
Reported end uses of PFAS.....	14
Conclusions	21
Next steps	21
Supporting information	23
Introduction and use	23
Reported Australian data.....	26
References	53

AICIS evaluation statement (EVA00204)

Subject of the evaluation

Per-and poly-fluoroalkyl substances (PFAS)

Chemicals in this evaluation

The Australian Inventory of Industrial Chemicals (the Inventory) lists 522 chemicals that meet the definition of per-and poly-fluoroalkyl substances (PFAS), in accordance with the Organisation for Economic Co-operation and Development (OECD) PFAS definition. PFAS are a family of chemicals defined by the OECD as fluorinated substances containing at least one fully fluorinated methyl ($-\text{CF}_3$) or methylene ($-\text{CF}_2-$) carbon atom, with few exceptions (OECD 2021). See **Supporting Information Table 16** for the list of chemicals included in this evaluation.

Reason for the evaluation

Evaluation is needed to provide information on introduction, use and exposure to inform the need for future evaluation of health and/or environmental risks of PFAS.

Parameters of evaluation

This evaluation includes all 522 PFAS listed on the Inventory. The evaluation identifies whether the 522 listed PFAS were introduced into Australia between 1 September 2023 and 31 August 2025 for industrial use and, if so:

- what the PFAS end uses were
- in what volume they were introduced.

To inform this evaluation the AICIS Executive Director issued a notice on 21 October 2025 to all businesses registered with AICIS in the 2023–24 and 2024–25 AICIS registration years. The notice required them to provide information on the introduction and end use of the listed PFAS. Registrants were not required to provide information on introductions that are excluded from categorisation and registration requirements under section 11(2) of the *Industrial Chemicals Act 2019* (IC Act) including:

- incidentally introduced chemicals (e.g. impurities)
- articles not designed to release chemicals.

Registrants were able to voluntarily provide this information together with any other information relevant to their introduction. Where relevant, this information has been reported in this evaluation qualitatively.

The evaluation parameters are limited to the collection and analysis of information on the industrial end uses and volumes of the listed PFAS. It does not include a detailed exposure assessment of public and workers or an assessment of the hazards or risks associated with PFAS or their uses. It also does not consider PFAS introduced to Australia that are not listed on the Inventory.

Previous risk assessments and recommendations on PFAS conducted by AICIS or the former industrial chemical regulation scheme, the National Industrial Chemicals Notification and Assessment Scheme (NICNAS) are publicly available on the [AICIS website](#)¹. Chemicals regulated by AICIS are defined by exclusion, based on their use. Therefore, this evaluation does not consider introduction of PFAS for non-industrial uses such as agricultural and veterinary products, therapeutic goods, food or animal feed.

The accuracy and completeness of the data rely on the information provided as part of the evaluation process. Despite targeted data validation, there remains potential for under- or over-reporting. Consequently, the data may not fully represent all PFAS industrial uses and exposures in Australia during the reporting period. The data are considered fit for the purposes of this evaluation which is intended to inform the prioritisation and scope of future evaluations. Future evaluations arising from the outcomes of this evaluation may include consideration of the human health and/or environmental hazards and risks associated with PFAS.

Summary of evaluation

Overview of PFAS introduction and end use in Australia

Based on information provided, this evaluation gives a snapshot of industrial use of 522 listed PFAS in Australia over a 2 year reporting period (1 September 2023 to 31 August 2025). The details of the information requirements are outlined in **Table 14** of the **Supporting Information**.

There was no reported manufacture of PFAS in Australia for industrial uses. Any introductions of PFAS were by importation. A small number of introducers indicated that they had reformulated PFAS after importation for various end uses.

Of the 522 listed PFAS, 27% (139/522) were reported to have been introduced during the specified period. No introductions into Australia were reported for the remaining 73% (383/522) (see **Figure 1** and **Table 16**). Of the 139 PFAS introduced during the reporting period, 48 were used exclusively for research and development (R&D). Of the remaining 91 chemicals that were reported for industry and/or public end uses:

- 39 were also reported to have R&D uses
- 26 chemicals had no public uses identified.

¹ AICIS (Australian Industrial Chemicals Introduction Scheme) (n.d.) [Per- and polyfluoroalkyl substances \(PFAS\)](#), AICIS website, last updated 23 December 2025.

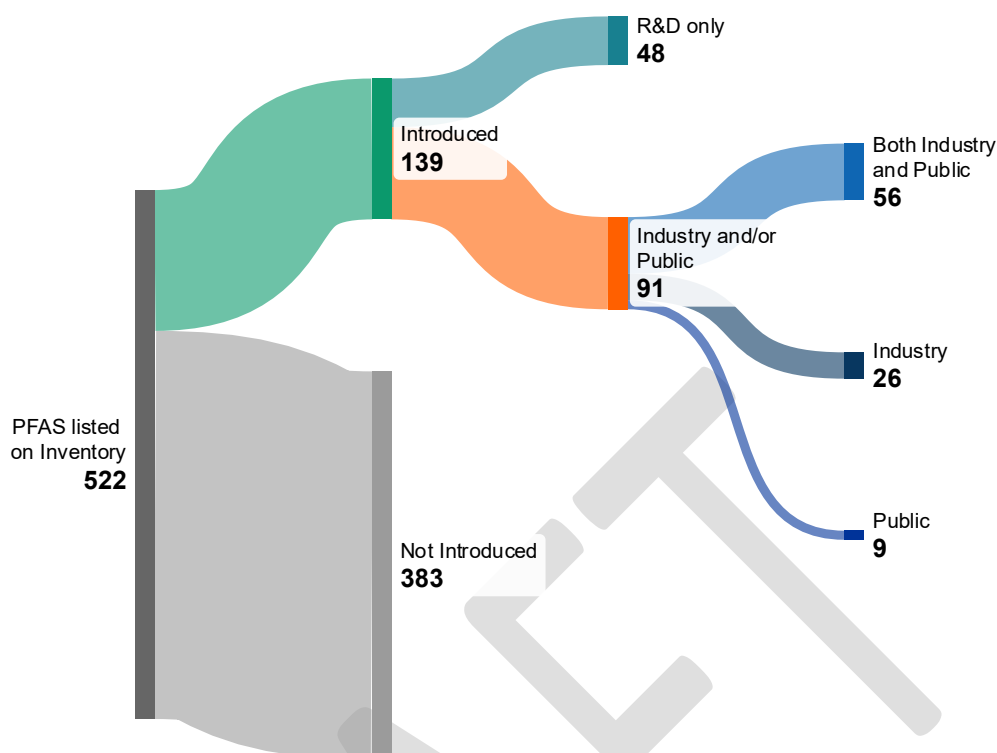


Figure 1 - Distribution of 522 Inventory listed PFAS by introduction status and reported use type.

The distribution of PFAS listed on the Inventory are shown according to whether they were reported as introduced or not introduced in Australia during the reporting period. For the introduced PFAS, end uses are further categorised into research and development (R&D), industry (worker) use, and public (consumer) use.

PFAS introduction reports

Each introducer was required to provide one report per chemical that identified all end uses and one total introduction volume of the chemical across all end uses. Therefore, in this evaluation, an introduction report refers to one business introducing a specific PFAS at least once during the reporting period for one or more end uses. For example, if a single introducer introduced 3 different PFAS during the reporting period this is counted as 3 introduction reports.

In total there were 989 PFAS introduction reports. Of these, 28% (280) were for R&D only. Of the remaining introduction reports, 39% (390) were for industry-only end uses, while 33% (319) were for products expected to be sold to the public (see **Figure 2**).

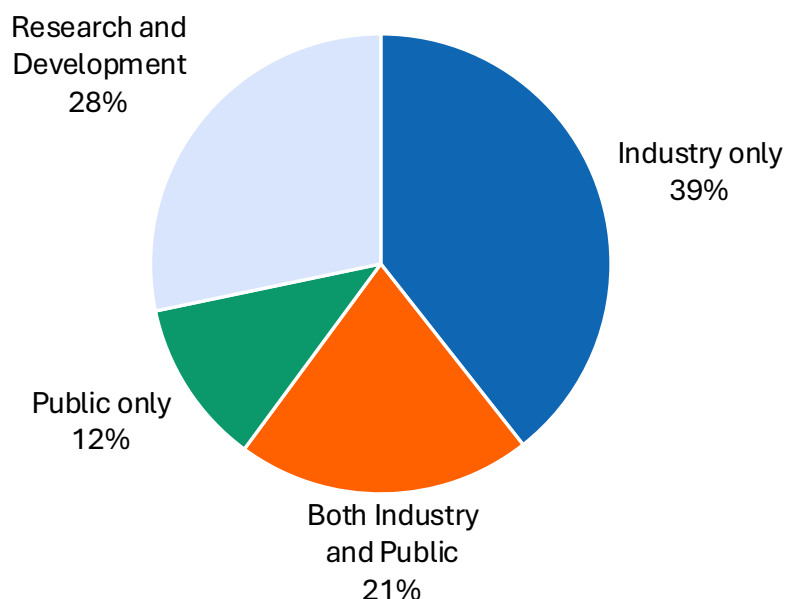


Figure 2 - Distribution of introduction reports, by end user category

Voluntary information for 40 introduction reports (approximately 6%) indicated that some PFAS had been discontinued or was in the process of being phased out. Additional information was provided for some PFAS introduced as impurities in finished products or as components of finished articles that do not release chemicals (see **Parameters of evaluation**). Relevant information is provided in the **Reported types of PFAS** and **Reported end uses of PFAS** sections below.

The following sections primarily focus on the types, volumes and end uses of the PFAS introduced with an industry and/or public end use. This is because the uses in R&D are typically in small volumes and under controlled settings with low potential for human or environmental exposure.

Frequency of reported PFAS

Two-thirds (62/91) of the introduced PFAS had less than 5 introduction reports for industry and/or public end uses (see **Table 1**). Of these, 30 of the PFAS only had one introduction report. The total number of introduction reports for each chemical for industry and/or public end uses are provided in the **Supporting information (Table 18)**.

Table 1 - PFAS reported for industry and/or public end use grouped by total number of introduction reports

Total number of introduction reports	Number of different PFAS
1	30
2–4	32
5–9	12
10–19	6
20 or more	11

The 11 chemicals introduced by 20 or more introducers for industry and/or public end uses had introduction report numbers ranging from 20 to 179 (see **Table 2**). These chemicals were mostly polymers or organic molecules with C4 perfluorinated chains or shorter.

Table 2 - PFAS with highest number of introduction reports for industry and/or public end uses

CAS number	Chemical name	Number of introduction reports
9002-84-0	Ethene, tetrafluoro-, homopolymer	179
811-97-2	Ethane, 1,1,1,2-tetrafluoro-	36
9011-17-0	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene	30
98-56-6	Benzene, 1-chloro-4-(trifluoromethyl)-	29
29118-24-9	1-Propene, 1,3,3,3-tetrafluoro-, (1E)-	27
63148-56-1	Siloxanes and silicones, methyl 3,3,3-trifluoropropyl	27
163702-08-7	Propane, 2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoro-	24
69991-67-9	1-Propene, 1,1,2,3,3,3-hexafluoro-, oxidized, polymerized	23
24937-79-9	Ethene, 1,1-difluoro-, homopolymer	22
60164-51-4	Poly[oxy(trifluoro(trifluoromethyl)-1,2-ethanediyl)], .alpha.-(pentafluoroethyl)-.omega.-[tetrafluoro(trifluoromethyl)ethoxy]-	20
163702-07-6	1-methoxy 1,1,2,2,3,3,4,4,4-nonafluorobutane	20

Reported types of PFAS

Summary of chemical identities reported

Of the 91 PFAS that were reported as having industry and/or public end uses, 51 were discrete chemicals, 4 were unknown or variable composition, complex reaction products or biological materials (UVCBs) and 36 were polymers.

The discrete chemicals have a range of functional groups and chain lengths. They can be grouped as:

- 26 chemicals with one or more CF₃ groups and no per/polyfluorinated chains
- 15 chemicals with C2-C5 per/polyfluorinated chains
- 8 chemicals with C6-C8 per/polyfluorinated chains. This includes two chemicals that are long-chain PFAS (see **Long-chain PFAS**)
- 2 perfluorinated cyclic compounds.

All 4 UVCBs contained perfluorinated chains of varying lengths. Three of these UVCBs may contain components that are long-chain PFAS (see **Long-chain PFAS**).

Of the 36 polymers, the most reported types included side-chain fluorinated polymers, perfluoropolyethers, fluorinated silicones and fluoropolymers. Four polymers are potentially long-chain PFAS (see **Long-chain PFAS**).

Polymers

Polymers that are classified as PFAS have a diverse range of end uses. The 36 polymers accounted for 57% (404/709) of all introduction reports for industry and/or public end uses. They were reported in a wide range of industry and public end uses with several introduction reports in the two highest volume bands (see **Reported volumes of PFAS**). Specific end uses that had high numbers of polymers included:

- lubricants and greases
- paints and coatings
- plastic and polymer products
- inks, toners and colourants
- adhesives and sealants
- personal care products.

While polymers are often associated with plastic products, finished articles containing these polymers were not required to be reported to AICIS (see **Parameters of evaluation**). However, some of the introduction reports for polymers may have been in finished articles.

The most frequently introduced chemical was the polymer PTFE (CAS No. 9002-84-0 — Ethene, tetrafluoro-, homopolymer). The number of introduction reports for PTFE (179) was much higher than any of the other introduced PFAS. PTFE was reported in a wide variety of end uses, with some of the most frequently reported uses being in lubricant and grease products, paint and coating products and adhesive and sealant products. A range of volumes were reported, with more introduction reports at lower volumes than at higher volumes (see **Table 18**). For example, there were 75 introducers importing the chemical in quantities of 0–10 kg and 6 introducers importing > 10,000 kg of the chemical. Voluntary information provided indicated that there were additional introductions of PTFE in finished plastic products, finished cookware and appliances and as coatings applied to finished fabrics and textiles (see **Parameters of evaluation**). Other chemically similar polymers were introduced 20 or more times (see **Table 2**).

Trifluoroacetic acid (TFA)

TFA (CAS No. 76-05-1 — Acetic acid, trifluoro-) is an emerging chemical of interest in the context of PFAS regulation. It is a common degradant of many other PFAS, including PFAS reported with high introduction volumes.

There were 18 introduction reports for TFA, with 16 of these for R&D end use only. One introduction report for TFA was for automotive care products at low volumes (0–10 kg). However, introduction for this use was reported to have ceased in 2023. The other introduction report for TFA had a volume range of 101–1000 kg for use in chemical synthesis and analysis for both industry and R&D applications.

Long-chain PFAS

Long-chain PFAS comprise two sub-categories (OECD 2013; US EPA n.d.):

- Perfluoroalkyl sulfonates (PFSA) with 6 and more perfluoroalkyl carbons which includes perfluorohexanesulfonic acid (PFHxS), perfluorooctane sulfonic acid (PFOS), other higher homologues, and their salts and precursors.
- Perfluoroalkylcarboxylic acids (PFCA) with 7 and more perfluoroalkyl carbons which includes perfluorooctanoic acid (PFOA), other higher homologues (long-chain PFCAs), and their salts and precursors.

Globally, regulatory action has been taken on long-chain PFAS including listings on international conventions such as:

- the Stockholm Convention on Persistent Organic Pollutants (POPs) (Stockholm Convention)
- the Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade (Rotterdam Convention).

This has led to phase outs and restrictions of some long-chain PFAS including PFOA, PFOS and PFHxS. In Australia, restrictions for these chemicals and related compounds commenced on 1 July 2025 under the Industrial Chemicals Environmental Management Standard (IChEMS). In 2025, long-chain PFCAs (perfluorinated alkyl moiety C8-C20) their salts and related compounds were listed under the Stockholm Convention.

Of the long-chain PFAS listed on the Inventory, 89% (184/206) were not introduced into Australia during the reporting period. There were 13 long-chain PFAS introduced for R&D only. Based on an analysis of name only (as composition data was not required to be reported) there were 9 chemicals introduced for end uses other than R&D that are potential long-chain PFAS. Further information was requested for the long-chain PFAS listed in Schedule 7 of the *IChEMS Register* (IChEMS n.d.). The information provided indicated these chemicals ceased to be introduced during the reporting period.

For the UVCBs and polymers, the amount of components that are long-chain PFAS varies. For example, perfluoro compounds, C5-18 (CAS No. 86508-42-1) could include perfluorinated amines and ether compounds that are long-chain PFAS, but some commercial products marketed by this CAS number have been reported to not include long-chain PFAS and as such were not within the scope of the Stockholm listing for compounds related to long-chain PFCAs (UNEP n.d.). The composition of UVCBs and polymers introduced were not determined as part of this evaluation.

For these 9 chemicals there were 20 introduction reports for industry and/or public end uses (see **Table 3a** and **3b**). Eight of the chemicals were introduced by one or 2 introducers. Introductions of 4 chemicals were discontinued during the reporting period (**Table 3b**). Perfluoro compounds, C5-18 (CAS No. 86508-42-1) had 8 introduction reports. Only this potential long-chain PFAS had introduction reports in any of the two highest volume bands, with one introduction report in the 1001–10,000 kg range.

Table 3a - List of long-chain PFAS with introduction reports for industry and/or public end uses These PFAS may be in use. All chemicals listed in the table are a UVCB or a polymer, the amount of components that are long chain PFAS varies.

CAS number	Chemical name	Number of introduction reports	Reported end uses
86508-42-1	Perfluoro compounds, C5-18	8	Cleaning and furniture care products Electronic products Fabric, textile and leather products Heat transfer products Lubricant and grease products Paint and coating products
65530-63-4	Ethanol, 2,2'-iminobis-, compd. with .alpha.-fluoro-.omega.-[2-(p hosphonooxy)ethyl]poly(difluoromethylene) (2:1)	2	Cleaning and furniture care products Personal care products (cosmetics)
65530-64-5	Ethanol, 2,2'-iminobis-, compd. with .alpha.,.alpha.'-[phosphinic obis(oxy-2,1-ethanediyl)]bis [.omega.-fluoropoly(difluoro methylene)] (1:1)	2	Cleaning and furniture care products Personal care products (cosmetics)
68412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivatives	2	Other Paint and coating products
459415-06-6	2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with butyl 2-propenoate and 2,5-furandione, .gamma.-.omega.-perfluoro -C8-14-alkyl esters, tert-Bu benzenecarboperoxoate-initiated	1	Ink, toner and colourant products

Table 3b - List of long-chain PFAS with introduction reports indicating industry and/or public end uses were discontinued in the 2 year reporting period

CAS number	Chemical name	Number of introduction reports	Reported end uses
68412-69-1*	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivatives	2	Other Paint and coating products
1374418-39-9*	2-Propenoic acid, reaction products with acetic acid (.gamma.-.omega.-perfluoro-C8-10-alkyl) thio derivs.	1	Firefighting foams/liquids

CAS number	Chemical name	Number of introduction reports	Reported end uses
31506-32-8	Bu esters and polyethylenimine 1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-N-methyl-	1	Lubricant and grease products
73772-32-4	1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl][[tridecafluorohexyl)sulfonyl]amino]-2-hydroxy-, monosodium salt	1	Cleaning and furniture care products

* Chemical is a UVCB or a polymer, the amount of components that are long-chain PFAS varies.

PFOS and PFHxS are not listed on the Inventory. Their potassium salts (CAS No. 2795-39-3 and 3871-99-6) were introduced for R&D applications only. While several introducers provided information on the introduction of PFOA (CAS No. 335-67-1), data validation activities conducted by AICIS confirmed that these reports were for introductions as impurities only. The types of products in which these impurities were reported were finished fabric articles, lubricant and grease products, firefighting foams, and ink, toner and colourant products. PFOA (CAS No. 335-67-1) and its ammonium salt (CAS No. 3825-26-1) were also introduced for R&D purposes.

Perfluorobutanesulfonic acid (PFBS) and short-chain PFCAs

Perfluorobutanesulfonic acid (PFBS, CAS No. 375-73-5), short-chain PFCAs and related chemicals were developed as replacements for long-chain PFAS.

During the reporting period, PFBS and its ammonium salt (CAS No. 29420-49-3) were mainly introduced for R&D purposes. There were 4 introduction reports for these 2 chemicals for industry and/or public end use. These were all in the 0–10 kg volume band and for end use in electronic products and plastic and polymer products. Data validation activities conducted by AICIS confirmed a small number of additional introductions of PFBS as impurities. The types of products in which these impurities were reported were adhesive and sealant products, electronic products and firefighting foams.

Perfluorohexanoic acid (PFHxA, CAS No. 307-24-4) was also mainly introduced for R&D purposes. There were 5 non-R&D introduction reports with 4 that were for less than 100 kg and one in the 1001–10,000 kg volume band. A variety of end uses were reported including in firefighting foams (see **Firefighting foams and liquids**). Except for R&D, perfluoropropanoic acid (CAS No. 422-64-0), perfluorobutanoic acid (PFBA, CAS No. 375-22-4) and perfluoropentanoic acid (PFPeA, CAS No. 2706-90-3) all had a single introduction report in the 0–10 kg range in paints and coatings. Data validation activities conducted by AICIS identified a small number of additional introductions of these chemicals as impurities.

Reported volumes of PFAS

Introducers were required to report the total volume of each PFAS introduced by selecting from the prespecified volume bands (see **Table 14**), noting that the reported total could represent multiple importation events. Only one introduction volume value, covering all end

uses, could be reported for each chemical over the 2 year reporting period. Exact volumes were not collected for this evaluation.

For the 280 introduction reports of chemicals for R&D, 266 (95%) were in the 0–10 kg volume band. Voluntary information indicated that R&D introduction reports in this volume band included use as calibration or reference standards. There were 10 R&D introduction reports in the 11–100 kg band and 3 introduction reports in the 101–1,000 kg band. One introduction report of ethene, chlorotrifluoro-, homopolymer (CAS No. 9002-83-9) for R&D was for 1,001–10,000 kg which was a speciality solvent supplied to multiple laboratories for analytical work.

For non-R&D introductions, the total number of introduction reports and breakdown by industry and/or public end uses for each volume band is presented in **Table 4**. The largest number of introduction reports were associated with the lowest volume band of 0–10 kg, followed by the 11–100 kg and 100–1,000 kg bands. However, when considering the total volume of PFAS introduced over the reporting period, the 2 highest volume bands of 1,001–10,000 kg and > 10,000 kg are expected to contribute most significantly. The introduction reports with public end uses accounted for less than 50% of the total introduction reports for each volume band. In the highest 2 volume bands, there were lower proportions (36% and 29%) of public end uses reported.

Table 4 - Number of introduction reports per volume band for industry and/or public end uses

Volume band (kg)	Number of Industry only	Number of both Industry and Public	Number of Public only	Total
0–10	179	77	77	333
11–100	77	48	19	144
101–1,000	65	49	13	127
1,001–10,000	47	21	6	74
> 10,000	22	9	0	31

Estimates of total volumes

The estimated total volume of introduction for each PFAS was calculated from the volume band data. The value chosen for each introduction report depended on the reported volume band:

- For the 4 lowest volume bands, the maximum value of the range was chosen.
- For the highest volume band (> 10,000 kg) a minimum value of 10,001 kg was chosen as no maximum value is available.

For each chemical, the chosen values were added together to give an estimate of the total volume. As 88% (80/91) of introduced PFAS chemicals had no introduction reports in the highest volume band, the estimate of total volume for these chemicals is conservative as it uses the maximum. For the other 11 chemicals with an introduction report in the > 10,000 kg band, there remains uncertainty on this estimate as the actual volume may be much larger than the calculated estimate.

Over half of the chemicals introduced for industry and public end uses (49/91) were introduced at total volumes of 1,000 kg or less over the reporting period (see **Table 5**).

Table 5 - Estimated total volumes for each of the introduced PFAS with industry and/or public end uses across the 2 year reporting period

Estimated total volume (kg)	Number of PFAS
10	18
11–100	15
101–1,000	16
1,001–10,000	14
10,001–25,000	18*
> 25,000	10

*Contains 2 chemicals (CAS No. 163702-07-6 and CAS No. 163702-08-7) with one introduction report in the highest volume band of > 10,000 kg.

Of the 10 chemicals (see **Table 6**) estimated to have maximum total volumes of introduction more than 25,000 kg, 9 have introduction reports in the highest volume band of > 10,000 kg. The only PFAS that has estimated maximum total volume more than 25,000 kg but no individual introduction reports > 10,000 kg is 1-propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene (CAS No. 9011-17-0). The highest volume end uses of this chemical were reported in plastic and polymer products, adhesive and sealant products and articles intended for food contact.

Table 6 - Chemicals with known or potential total introduction volumes greater than 25,000 kg across the 2 year reporting period

CAS number	Chemical name	Number of introduction reports > 10,000 kg	Number of introduction reports 1,001–10,000 kg
811-97-2	Ethane, 1,1,1,2-tetrafluoro-	7	4
9002-84-0	Ethene, tetrafluoro-, homopolymer	6	24
68134-22-5	Butanamide, N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-oxo-2-[[2-(trifluoromethyl)phenyl]azo]-	4	2
102687-65-0	1-Propene, 1-chloro-3,3,3-trifluoro-, (1E)-	3	2
354-33-6	Ethane, 1,1,1,2,2-pentafluoro-	3	2
754-12-1	1-Propene, 2,3,3,3-tetrafluoro-	3	2
29118-24-9	1-Propene, 1,3,3,3-tetrafluoro-, (1E)-	1	2
98-56-6	Benzene, 1-chloro-4-(trifluoromethyl)-	1	7
24937-79-9	Ethene, 1,1-difluoro-, homopolymer	1	1
9011-17-0	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene	0	5

The majority of the 10 highest estimated volume PFAS were either fluorinated gases (see **Reported end uses of PFAS**) or polymers (see **Reported types of PFAS**). The exceptions to this are:

- CAS No. 68134-22-5 which is a pigment with highest volume end uses in paints and coating products, ink, toner and colourant products and plastic and polymer products.
- CAS No. 98-56-6 which is a solvent with highest volume end use in paint and coating products and adhesive and sealants.

Two hydrofluoroethers that are commonly introduced together as a specialised fluorinated solvent (CAS No. 163702-07-6 and CAS No. 163702-08-7) were reported as having introduction volumes > 10,000 kg. Therefore, there is also potential for these to be introduced at total volumes greater than 25,000 kg. Reported end uses in the highest volume band were end use in electronic products or water treatment products. As no additional details were provided it is uncertain whether the water treatment end use relates to end use in water cooling and heating systems or end use in treatment of drinking water.

Reported end uses of PFAS

Introducers were required to choose from a list of end use categories that best described how their introduced PFAS were used (see **Table 15**). Introducers were able to choose more than one end use category per chemical. As the end uses were self-reported, there may have been differences in how introducers interpreted their specific circumstances. The end use categories were based on standard end use descriptions used by AICIS and the OECD.

Summary of end uses reported

The highest reported end uses, by number of introduction reports, are shown in **Figure 3**. These introduction reports were for both industry and public end use, except for cosmetics which were all reported as public end use. All other end uses had less than 20 introduction reports.

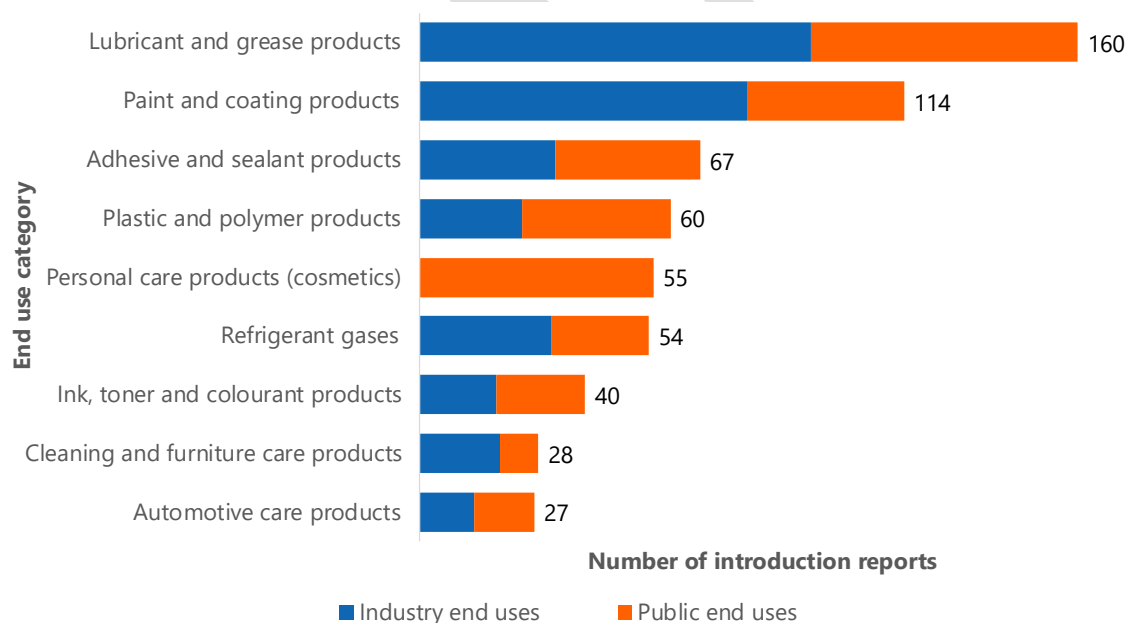


Figure 3 - Highest reported PFAS end uses by number of introduction reports

For each end use, the proportion of end uses for industry are shown in blue and the proportion of end uses reported for the public is shown in orange. Public includes introduction reports that were for both industry and public. There were 39 introduction reports for “Other” end uses, but these are omitted from the figure as they represent a wide variety of end uses. Information provided voluntarily to AICIS indicated that the end use category “Other” included end uses as propellants, blowing agents in polymer manufacturing or corrosion inhibitors.

End uses with the highest number of introduction reports also typically had the most diverse number of PFAS reported. The end uses for which at least 10 different listed PFAS were reported are shown in **Table 7**.

Table 7 - End uses with highest number of different PFAS reported

End use category	Number of different PFAS
Paint and coating products	35
Adhesive and sealant products	26
Lubricant and grease products	23
Cleaning and furniture care products	21
Plastic and polymer products	19
Automotive care products	16
Ink, toner and colourant products	14
Personal care products (cosmetics)	14
Onshore oil or gas extraction	13

Some of the most frequently reported end use categories included:

- Lubricants and greases with 160 introduction reports for 23 different PFAS. Approximately half of these individual introduction reports were for 0–10 kg and for industry end use only.
- Paints and coatings with 114 introduction reports for 35 different PFAS. These PFAS were mostly polymers and solvents, except for 2 PFAS that were pigments. Voluntary information on the PFAS reported for this end use indicates that many of these were reported for use in specialist coatings.
- Adhesives and sealants with 67 introduction reports for 26 different PFAS. Approximately half of these individual introduction reports were for 0–10 kg and for industry end use only.
- Plastic and polymer products with 59 introduction reports for 19 different PFAS. Most PFAS reported for this end use were polymers that are likely reshaped or reformulated into finished plastic articles.
- Ink, toner and colourant products with 40 introduction reports for 14 different PFAS. Most of the large volume introduction reports in this category were for either polymers or a pigment used by industry only.
- Automotive care products with 27 introduction reports for 16 different PFAS. Voluntary information indicated that these PFAS were used in specialist protective coatings for car paint and glass.

There were no reported end uses of PFAS in:

- tattoo ink products
- air care products
- laundry and dishwashing products.

Details on the types and volumes of chemicals reported for selected end use categories are presented below. Although AICIS registrants reported a single volume band for all end uses of a specific chemical, the data provides indicative trends into overall end use patterns which are presented in the following sections. These selected end uses were chosen based on potential for significant human or environmental exposures or public interest based on previously reported end uses of PFAS.

Personal care products (cosmetics)

The number of introduction reports with end use in personal care products (cosmetics) was 55 covering 14 PFAS (see **Table 8**). All these PFAS have been identified in cosmetic databases as being used internationally (EC n.d.; OECD 2024; Personal Care Products Council n.d.). The highest number of introduction reports were for PTFE (CAS No. 9002-84-0) and 2 hydrofluoroethers that are commonly used together as a specialised fluorinated solvent (CAS No. 163702-07-6 and CAS No. 163702-08-7). The remaining 11 PFAS had 3 or less introduction reports each.

Table 8 - List of PFAS with introduction reports for end use in personal care products (cosmetics)

CAS number	Chemical name	Number of introduction reports
9002-84-0	Ethene, tetrafluoro-, homopolymer	16
163702-08-7	Propane, 2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoro-	12
163702-07-6	1-methoxy 1,1,2,2,3,3,4,4,4-nonafluorobutane	9
355-42-0	Hexane, tetradecafluoro-	3
51851-37-7	Silane, triethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)-	3
9011-17-0	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene	2
29118-24-9	1-Propene, 1,3,3,3-tetrafluoro-, (1E)-	2
69991-67-9	1-Propene, 1,1,2,3,3,3-hexafluoro-, oxidized, polymerized	2
306-91-2	Phenanthrene, tetracosafuorotetradecahydro-	1
355-93-1	2-Propenoic acid, 2-methyl-, 2,2,3,3,4,4,5,5-octafluoropentyl ester	1
460-73-1	1,1,1,3,3-Pentafluoropropane	1
65530-64-5	Ethanol, 2,2'-iminobis-, compd. with .alpha.,.alpha.'-[phosphinobis(oxy-2,1-ethanediyl)]bis[.omega.-fluoropoly(difluoromethylene)] (1:1)	1
65530-63-4	Ethanol, 2,2'-iminobis-, compd. with .alpha.-fluoro-.omega.-[2-(phosphonooxy)ethyl]poly(difluoromethylene) (2:1)	1
102687-65-0	1-Propene, 1-chloro-3,3,3-trifluoro-, (1E)-	1

Of the 55 introduction reports with end use for personal care products (cosmetics), 52 were introduced at individual volumes less than 100 kg over the 2 year period. The only higher volume introduction reports were for PTFE and 1-propene, 1,3,3,3-tetrafluoro-, (1E)- (CAS No. 29118-24-9) which has reported function as a propellant (EC n.d.).

Information on specific product types was not sought as part of the information requirement. Voluntary information indicated that these chemicals were contained in skincare products, make up products, dental floss, skin peels and sheet masks. Some of the information provided indicated that some cosmetic product formulations that contain PFAS had been discontinued.

Two of these chemicals CAS No. 65530-63-4 and CAS No. 65530-64-5 have been identified as potential precursors to long-chain PFCAs. These chemicals are polymers and the amount of components that are long-chain PFAS varies (see **Long-chain PFAS**).

Firefighting foams and liquids

Historically, PFAS were used in aqueous film forming foams (AFFF) for firefighting in Australia. Legacy foams typically contained PFOA and PFOS and have been phased out due to health and environmental concerns. More recently the IChEMS has established nationally consistent standards for managing the import, manufacture, export, use and disposal of some PFAS used in firefighting foams. AICIS conducted data validation activities for PFAS introduction reports with end use in firefighting foams to confirm whether the introduced PFAS were present as impurities, and whether the PFAS-containing foams had been discontinued.

There were 11 introduction reports for end use in firefighting foams/liquids for 6 PFAS (see **Table 9**). Seven of the 11 introduction reports were for products that have since been discontinued in Australia. Introducers indicated that PFAS in firefighting foams/liquids were introduced in a range of volumes up to 10,000 kg in the reporting period. However, all introductions greater than 100 kg have been discontinued.

Excluding the chemicals that have been discontinued, the PFAS reported in firefighting foams/liquids were a perfluorinated branched ketone (CAS No. 756-13-8), a C6 perfluorinated surfactant (CAS No. 34455-29-3) and 2 fluoropolymers (CAS No. 9011-17-0 and CAS No. 25190-89-0).

Table 9 - List of PFAS with introduction reports for end use in firefighting foams and liquids

CAS number	Chemical name	Number of introduction reports	Number discontinued
756-13-8	1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone	4	3
34455-29-3	1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[[[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)sulfonyl]amino]-, hydroxide, inner salt	3	2
307-24-4	Hexanoic acid, undecafluoro-	1	1
9011-17-0	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene	1	0
25190-89-0	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene and tetrafluoroethene	1	0
1374418-39-9	2-Propenoic acid, reaction products with acetic acid (.gamma.-.omega.-perfluoro-C8-10-alkyl) thio derivs. Bu esters and polyethylenimine	1	1

Based on the data validation activities, 6 additional PFAS reported as being introduced in firefighting foams were confirmed to be present as impurities only. Some of these impurities were contained in firefighting foams that have since been discontinued. The reported volumes of impurities were below 0.5 kg for the reporting period. The PFAS reported as impurities included:

- PFHxA (CAS No. 307-24-4)
- PFOA (CAS No. 335-67-1)
- PFBA (CAS No. 375-22-4)
- PFBS (CAS No. 375-73-5)
- PFHpA (CAS No. 375-85-9)
- PFPeA (CAS No. 2706-90-3).

Fluorinated gases and refrigerants

A total of 111 introduction reports covering 7 hydrofluorocarbons (HFCs) and 4 hydrofluoroolefins (HFOs) were for end use by industry or public. The 7 reported HFCs are listed on Schedule 1 of the *Ozone Protection and Synthetic Greenhouse Gas Management Act 1989* (OPSGGM Act). Introduction and use of HFCs is regulated in Australia under the OPSGGM Act and Regulations.

The main reported end use was as refrigerant gases, with 54 introduction reports covering 5 HFCs and 4 HFOs (see **Table 10**). Over half of these introduction reports were for industry end use only. These introduction reports were typically in the 2 highest volume bands, including 10 introduction reports with a reported volume of 1,001–10,000 kg and 14 introduction reports with reported volumes of > 10,000 kg. For introduction reports in the > 10,000 kg band, the upper limit of the introduction volume is unknown, see **Estimates of total volumes**. Two additional HFCs were reported, butane, 1,1,1,3,3-pentafluoro- (CAS No. 406-58-6) and pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro- (CAS No. 138495-42-8). These had introduction reports in the 2 lowest volume bands for end use in non-refrigerant applications.

Table 10 - List of PFAS with introduction reports for end use as refrigerant gases

CAS number	Chemical name	Number of introduction reports
811-97-2	Ethane, 1,1,1,2-tetrafluoro-	15*
354-33-6	Ethane, 1,1,1,2,2-pentafluoro-	11*
754-12-1	1-Propene, 2,3,3,3-tetrafluoro-	11*
29118-24-9	1-Propene, 1,3,3,3-tetrafluoro-, (1E)-	6*
420-46-2	Ethane, 1,1,1-trifluoro-	4
102687-65-0	1-Propene, 1-chloro-3,3,3-trifluoro-, (1E)-	3*
692-49-9	2-Butene, 1,1,1,4,4,4-hexafluoro-, (2Z)-	2*
431-89-0	Propane, 1,1,1,2,3,3,3-heptafluoro-	1
460-73-1	1,1,1,3,3-Pentafluoropropane	1

For chemicals asterisked in **Table 10**, other end uses were reported in the 2 highest volume bands. These were end uses in heat transfer products, plastic and polymer products, and paint and coating products. For 1,1,1,2-tetrafluoroethane (CAS No. 811-97-2) voluntary information provided also indicated high volume use as a propellant in aerosol driven products.

Cleaning and furniture care products

There were 28 introduction reports for 21 different listed PFAS for end use in cleaning and furniture care products. Most introduction reports (19) were for use by industry only. Eighteen of the 28 introduction reports were for volumes up to 100 kg. Voluntary information provided indicates these products were likely for speciality cleaning products used for electronic connections and glass surfaces in the aviation and electronics industries. The remaining introduction reports that were reported to be sold to the public included uses in anti-fogging solutions and wipes for prescription glasses, and furniture upholstery. The highest volume introduction reports (1001–10,000 kg) were typically for polymers used for cleaning prescription glasses.

Fabric, textiles, apparel and footwear care products

There were 11 introduction reports for the end use categories of 'Fabric and textile products' and 'Apparel and footwear care products' (**Table 11**). These introduction reports were for 7 distinct PFAS reported at volumes up to 1,000 kg. Most introduction reports were for products that are likely to be sold to the public. More specific details about the end uses were not collected.

Table 11 - List of PFAS with introduction reports for end use in fabric and textile or apparel and footwear care products

CAS number	Chemical name	Number of introduction reports
1793072-86-2	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with hexadecyl 2-propenoate, octadecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate	4
9002-84-0	Ethene, tetrafluoro-, homopolymer	2
98-56-6	Benzene, 1-chloro-4-(trifluoromethyl)-	1
647-42-7	1-Octanol, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-	1
24937-79-9	Ethene, 1,1-difluoro-, homopolymer	1
65530-85-0	Poly(difluoromethylene), .alpha.-(cyclohexylmethyl)-.omega.-hydro-	1
86508-42-1	Perfluoro compounds, C5-18	1

While PFAS are commonly used as components of waterproofing for clothing and fabrics, the introduction of finished clothing and fabric articles that do not undergo chemical treatment in Australia was not required to be reported (see **Parameters of evaluation**). A small number of introducers provided voluntary information on PFAS impurities in finished fabric articles that were introduced into Australia during the reporting period. The PFAS reported as impurities included:

- PFHxA (CAS No. 307-24-4)
- PFOA (CAS No. 335-67-1)
- Hexane, tetradecafluoro- (CAS No. 355-42-7)
- Silane, trimethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)- (CAS No. 85857-71-6).

Articles intended for food contact

There were 7 distinct PFAS reported for end use in articles intended for food contact (**Table 12**). These articles may include food and beverage packaging; cookware and food containers. However, information on specific food-contact products was not collected for this evaluation. The 7 PFAS were all polymers. Although some of the PFAS introduction reports were in the two highest volume bands, the end use in food contact was reported alongside other end uses. The specific proportion of the introduction volume used for food-contact articles is unknown. In addition, voluntary information indicated that some of these polymers were sold to industry in Australia for reformulation into a variety of different products. Therefore, the provided volumes may overestimate the amounts of PFAS used to manufacture food-contact articles in Australia.

While introducers were not required to tell us about introductions of finished articles (see **Parameters of evaluation**), some introducers notified us of additional introductions of PFAS in finished cookware products and appliances.

Table 12 - List of PFAS with introduction reports for end use in articles intended for food contact

CAS number	Chemical name	Number of introduction reports
9002-84-0	Ethene, tetrafluoro-, homopolymer	7
9011-17-0	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene	5
25067-11-2	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1,2,2-tetrafluoroethene	2
26655-00-5	Propane, 1,1,1,2,2,3,3-heptafluoro-3-[(trifluoroethenyl)oxy]-, polymer with tetrafluoroethene	2
24937-79-9	Ethene, 1,1-difluoro-, homopolymer	1
25038-71-5	Ethene, tetrafluoro-, polymer with ethene	1
63148-56-1	Siloxanes and silicones, methyl 3,3,3-trifluoropropyl	1

Onshore and offshore oil or gas extraction

There was a total of 20 introduction reports for end use in onshore/offshore oil or gas extraction covering 13 distinct PFAS (see **Table 13**). These chemicals include 7 polymers and 6 discrete chemical compounds.

The highest volume introduction reports (1,001–10,000 kg band) were for PTFE and 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene (CAS No. 9011-17-0). These two polymers were also the only PFAS with more than one introduction report reported in the onshore/offshore oil and gas extraction category (see **Table 13**).

The introducers who reported end use of 6 polymers for oil or gas extraction generally also reported end uses of the polymers under other categories including in mining and metals refining, water treatment products, or in articles intended for food contact. The specific proportion of the introduction volume used for onshore/offshore oil or gas extraction is unknown.

Additional information provided by introducers indicated that some PFAS reported under the oil or gas extraction end use category were used as cleaning agents for electronics, as propellants in aerosol dust removal systems, or in high-performance seals.

Table 13 - List of PFAS with introduction reports for end use in onshore/offshore oil or gas extraction

CAS number	Chemical name	Number of introduction reports
9002-84-0	Ethene, tetrafluoro-, homopolymer	6
9011-17-0	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene	3
335-57-9	Heptane, hexadecafluoro-	1
355-63-5	1-Heptene, 1,1,2,3,3,4,4,5,5,6,6,7,7,7-tetradecafluoro-	1
811-97-2	Ethane, 1,1,1,2-tetrafluoro-	1
1478-61-1	Phenol, 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis-	1
24937-79-9	Ethene, 1,1-difluoro-, homopolymer	1
25038-71-5	Ethene, tetrafluoro-, polymer with ethene	1
25067-11-2	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1,2,2-tetrafluoroethene	1

CAS number	Chemical name	Number of introduction reports
26655-00-5	Propane, 1,1,1,2,2,3,3-heptafluoro-3-[(trifluoroethyl)oxy]-, polymer with tetrafluoroethene	1
63148-56-1	Siloxanes and silicones, methyl 3,3,3-trifluoropropyl	1
163702-07-6	1-methoxy 1,1,2,2,3,3,4,4,4-nonafluorobutane	1
163702-08-7	Propane, 2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoro-	1

Conclusions

This evaluation provides contemporary information on the end use and volume of introduction of listed PFAS in Australia. Of the 522 listed PFAS, 139 were reported to be introduced, with 91 for a variety of public and industry uses, and 48 introduced exclusively for R&D applications. The remaining 383 listed PFAS were not reported to be introduced during the 2 year reporting period.

Next steps

The information collected through this evaluation provides an evidence base for AICIS to prioritise listed PFAS for further evaluation including risk assessment. Focussing on the 91 listed PFAS reported to be used by industry or the public, the findings of this evaluation will be integrated with other data to inform prioritisation, including information on:

- toxicity and ecotoxicity
- toxicokinetics including bioavailability
- environmental fate including degradation pathways
- current or proposed risk management.

Sixty-six of these 91 listed PFAS have previously been assessed under AICIS and/or the former industrial chemical regulation scheme, NICNAS. For these chemicals, previous assessment conclusions will be considered in the context of any available new information to determine if further risk assessment is required to inform whether risk management remains appropriate.

For the 25 unassessed, listed PFAS identified as having industry and/or public end uses, AICIS will prioritise evaluations of these chemicals alongside other chemicals being considered for evaluation. The first evaluation proposed is trifluoroacetic acid (TFA) as it is a common degradant of many other PFAS, including PFAS reported with high introduction volumes. This will strengthen the evidence base for future risk assessments and potential risk management recommendations. Future evaluations will be prioritised to focus on higher concern PFAS drawing on exposure information from this evaluation.

This evaluation identified 383 listed PFAS that were not reported to be introduced into Australia with a further 48 introduced only for R&D purposes (see **Table 16**). These chemicals are not expected to require evaluation as they are unlikely to be being introduced into Australia except for R&D in small quantities. However, these 431 chemicals remain on the Inventory and may be introduced by registered introducers without informing AICIS provided they comply with any relevant terms of listing. The only exceptions are for certain PFAS which are the subject of the Rotterdam Convention and as such have additional conditions under the IC Act.

Given global concern about PFAS due to their persistence and potential adverse effects, any future introduction of these 431 chemicals, other than for R&D purposes, should be identified to enable appropriate risk management. A specific requirement to provide information under the IC Act will assist with managing the potential risks from future introduction of the chemicals. Therefore, the Executive Director proposes a variation of the terms of the Inventory listing for these chemicals under section 86 of the IC Act to add or amend the specific requirement to provide information. This is considered necessary to manage the risks from introduction of these chemicals, except for certain PFAS covered by the Rotterdam Convention. This would ensure that any future introductions of the 431 PFAS, other than for R&D, are notified to AICIS and can be prioritised for further assessment of risks to human health and the environment to enable appropriate risk management.

Supporting information

The PFAS and their derivatives, are a large group of synthetic chemicals that have been widely used globally since the 1950s in the manufacture of household and industrial products that resist heat, stains, grease and water, and in other specialised applications. As they are heat resistant and film forming in water, some have been used in firefighting foams.

The common chemical characteristic of PFAS is the perfluoroalkyl moiety; the carbon-fluorine bond is a very strong chemical bond, which accounts for the stability of these substances. As a result of this stability, PFAS have often been termed “forever chemicals” due to their persistence in the environment for extended periods of time.

PFAS are defined by the OECD as fluorinated substances containing at least one fully fluorinated methyl ($-\text{CF}_3$) or methylene ($-\text{CF}_2-$) carbon atom, with few exceptions (OECD 2021). Perfluoroalkyl substances have a fully fluorinated carbon chain, while polyfluoroalkyl substances have a partially fluorinated carbon chain. While the term PFAS is broad and includes many chemicals, the application of the OECD definition of PFAS enabled a systematic and consistent approach to identifying relevant chemicals listed on the Inventory for this evaluation. Regulatory lists including the OECD global PFAS list, Stockholm and Rotterdam Convention lists, and activity in the US EPA and Canada were used as a cross reference.

Common names such as trade names and other identifiers were also considered during the process of identifying PFAS on the Inventory.

Introduction and use

For this evaluation introducers were required to provide information on the introduction of PFAS for industrial use. Under the *Industrial Chemicals Act 2019* (IC Act) industrial use is defined by exclusion. Industrial use refers to a use other than, or in addition to, one of the following uses:

- use as an agricultural chemical product (within the meaning of the *Agricultural and Veterinary Chemicals Code Act 1994* (the Agvet Code) or in the preparation of such a product
- use as a veterinary chemical product (within the meaning of the Agvet Code) or in the preparation of such a product
- use as a substance or mixture of substances mentioned in paragraph 5(4)(a) of the Agvet Code (which deals with substances or mixtures of substances prepared by a pharmacist or veterinary surgeon) or in the preparation of such a substance or mixture of substances
- use as a therapeutic good (within the meaning of the *Therapeutic Goods Act 1989*) or in the preparation of such a good
- use as a vaping good (within the meaning of the *Therapeutic Goods Act 1989*) or in the preparation of such a good
- use as food intended for consumption by humans or in the preparation of such food
- use as feed intended for consumption by animals or in the preparation of such feed.

Introducers were not required to provide information on introductions that are excluded from AICIS categorisation and registration requirements under section 11 (2) of the IC Act including:

- incidentally introduced chemicals (e.g. impurities)

- articles not designed to release chemicals.

Broadly, information was sought as to whether PFAS were made available to the public, industry or were only used for research and development (R&D) use. Further information on the end use category and volume of introduction was sought (see **Table 14**).

Table 14 - Information required from introducers

Information requirement question	Question response option set
Are you importing or manufacturing this chemical? This includes introduction in a product.	Importing from overseas Manufacturing in Australia Importing then reformulating in Australia
What is the total volume (kg) of this chemical you have introduced in the last 2 registration years (2023-24 and 2024-25) combined?	0–10 kg 11–100 kg 101–1,000 kg 1001–10,000 kg > 10,000 kg
Will the end products containing the chemical be sold or made available to industry, public (or both), or will the chemical be only used for research and development purposes?	Industry Public Industry and Public R&D
Which categories best describe how this chemical will be used? (Select all that apply)	Picklist of 33 end use categories derived from OECD and AICIS end use categories with additional end use categories added based on known PFAS specialist end uses (see Table 15)
(Optional) Please provide any additional information for the chemical relevant to this evaluation.	Free text

A brief description of each end use category is provided in **Table 15**.

Table 15 - Description of each end use category

End use category	Description
Adhesive and sealant products	End use to fasten other materials together or stop the passage of liquid or gas.
Air care products	End use to odourise or deodorise indoor air in homes, offices, motor vehicles, and enclosed spaces and intended for consumer or commercial use.
Anti-freeze and de-icing products	As an additive to fluids, especially water, to reduce the freezing point of the mixture, or applied to surfaces to melt or prevent build-up of ice.
Apparel and footwear care products	End use to care for apparel and footwear products intended for consumer and commercial use.
Articles intended for food contact	End use in the production of articles that will come into contact with food, including food or beverage packaging, cookware, food containers.
Arts, crafts and hobby products	End use in arts, crafts or hobbies.
Automotive care products	End use (intended for consumer or commercial use) to clean and care for exterior and interior surfaces of automotive vehicles.

End use category	Description
Batteries and energy storage products	End use in the production of electrical batteries and electrical energy storage units, including electrolytes and membranes.
Cleaning and furniture care products	End use (intended for consumer or commercial use) to remove dirt, grease, stains, and foreign matter from furniture and furnishings or cleanse, sanitise, bleach, scour, polish, protect, or improve the appearance of surfaces.
Construction products	End use in construction materials, except where another scenario covers the end use.
Electronic products	End use in the production of electronic components.
Explosive products	End use for producing a sudden expansion, usually accompanied by production of heat and large changes in pressure.
Fabric, textile and leather products	End use to impart colour and other desirable properties onto fabric, textiles, and leather products that are intended for consumer or commercial use.
Firefighting foams/liquids	End use in the fighting of fires.
Fuel, oil, fuel oil additives and related products	End use as liquid fuel in containers used for cooking, heating or for power in vehicles or appliances, or a fuel additive to inhibit corrosion, provide lubrication, increase efficiency of use, or decrease production of undesirable by-products.
Heat transfer products	End use in cooling fluids or other products designed to regulate the temperature of components and equipment (excluding refrigerant gases).
High voltage insulation products	End use in liquids or gases for use within high voltage equipment.
Ink, toner and colourant products	End use in writing, printing, creating an image on paper and other substrates applying to substrates to change their colour or hide images.
Laundry and dishwashing products	End use in liquid, granular, gel or unit dose packets/tablets to remove food residue from dishes, remove dirt from textiles, enhance properties of textiles and remove stains from textiles.
Lubricant and grease products	End use in a liquid, paste or spray to reduce friction, heat generation and wear between solid surfaces.
Metal plating	End use in metal plating activities, including mist suppressants.
Mining and metals refining	End use in mining activities, including refinement and flotation (excluding uses in explosive products, metal plating).
Offshore oil or gas extraction	End use related to offshore drilling and related activities, including extraction, cementing, onsite processing/separation.
Onshore oil or gas extraction	End use related to onshore drilling and related activities, including extraction, cementing, hydraulic fracturing, onsite processing/separation.
Other	Any other end use not listed.
Paint and coating products	End use to paint or coat substrates intended for consumer or commercial use.
Paper products	End use in paper production (excluding paper products used as food contact materials).
Personal care products (cosmetics)	End use in preparation intended for placement in contact with any part of the human body, including the mucous membranes of the oral cavity and the teeth, with a view to: altering the odours of the body, changing its appearance, cleansing it, maintaining it in good condition, perfuming it or protecting it.
Photographic products	End use (for consumer or commercial use) to take photographic images, develop and process film, and make photographic prints.
Plastic and polymer products	End use in production of plastics or polymers (excluding plastics or products used as food contact materials).
Refrigerant gases	End use within a gas for the purpose of refrigeration.
Tattoo ink products	End use in a combination of industrial chemicals that contains one or more colouring agents and is applied to the dermal layer of the skin for the purposes of colouring the skin.

End use category	Description
Water treatment products	End use to treat water in cooling and heating systems (including industrial heat-exchanger systems) and potable water supplies.

Reported Australian data

The following tables present collated data on the introduction of the 522 listed PFAS between 1 September 2023 and 31 August 2025 based on information provided to AICIS:

- **Table 16** - Introduction status of the 522 listed PFAS during 1 September 2023 to 31 August 2025. Introduction statuses are: 'introduced', 'research and development use (R&D) only', and 'not introduced'.
- **Table 17** - End use information for the 91 PFAS introduced for industry or public end use, excluding R&D only introductions.
- **Table 18** - Introduction volume band information for the 91 PFAS introduced for industry or public end use over the 2023–2024 and 2023–2025 registration years excluding R&D only introductions.

Table 16 - Introduction status of the 522 listed PFAS during 1 September 2023 to 31 August 2025. 'Introduced' includes PFAS reported for industry and/or public use and may also include research and development (R&D) use.

CAS number	Chemical name	Introduction status
75-89-8	Ethanol, 2,2,2-trifluoro-	Introduced
76-05-1	Acetic acid, trifluoro-	Introduced
76-37-9	1-Propanol, 2,2,3,3-tetrafluoro-	Introduced
88-16-4	Benzene, 1-chloro-2-(trifluoromethyl)-	Introduced
98-16-8	Benzenamine, 3-(trifluoromethyl)-	Introduced
98-56-6	Benzene, 1-chloro-4-(trifluoromethyl)-	Introduced
306-91-2	Phenanthrene, tetracosafuorotetradecahydro-	Introduced
307-24-4	Hexanoic acid, undecafluoro-	Introduced
328-84-7	Benzene, 1,2-dichloro-4-(trifluoromethyl)-	Introduced
335-57-9	Heptane, hexadecafluoro-	Introduced
352-87-4	2-Propenoic acid, 2-methyl-, 2,2,2-trifluoroethyl ester	Introduced
354-33-6	Ethane, 1,1,1,2,2-pentafluoro-	Introduced
355-42-0	Hexane, tetradecafluoro-	Introduced
355-63-5	1-Heptene, 1,1,2,3,3,4,4,5,5,6,6,7,7,7-tetradecafluoro-	Introduced
355-93-1	2-Propenoic acid, 2-methyl-, 2,2,3,3,4,4,5,5-octafluoropentyl ester	Introduced
358-23-6	Methanesulfonic acid, trifluoro-, anhydride	Introduced
375-22-4	Butanoic acid, heptafluoro-	Introduced
375-73-5	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-	Introduced
406-58-6	Butane, 1,1,1,3,3-pentafluoro-	Introduced
420-46-2	Ethane, 1,1,1-trifluoro-	Introduced
422-64-0	Propanoic acid, pentafluoro-	Introduced
429-60-7	Silane, trimethoxy(3,3,3-trifluoropropyl)-	Introduced
429-67-4	Cyclotetrasiloxane, 2,4,6,8-tetramethyl-2,4,6,8-tetrakis(3,3,3-trifluoropropyl)-	Introduced
431-89-0	Propane, 1,1,1,2,3,3,3-heptafluoro-	Introduced
460-73-1	1,1,1,3,3-Pentafluoropropane	Introduced
647-42-7	1-Octanol, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-	Introduced
677-21-4	1-Propene, 3,3,3-trifluoro-	Introduced

CAS number	Chemical name	Introduction status
692-49-9	2-Butene, 1,1,1,4,4,4-hexafluoro-, (2Z)-	Introduced
754-12-1	1-Propene, 2,3,3,3-tetrafluoro-	Introduced
756-13-8	1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone	Introduced
811-97-2	Ethane, 1,1,1,2-tetrafluoro-	Introduced
1478-61-1	Phenol, 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis-	Introduced
2374-14-3	Cyclotrisiloxane, 2,4,6-trimethyl-2,4,6-tris(3,3,3-trifluoropropyl)-	Introduced
2706-90-3	Pentanoic acid, nonafluoro-	Introduced
9002-83-9	Ethene, chlorotrifluoro-, homopolymer	Introduced
9002-84-0	Ethene, tetrafluoro-, homopolymer	Introduced
9011-17-0	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene	Introduced
24937-79-9	Ethene, 1,1-difluoro-, homopolymer	Introduced
25038-71-5	Ethene, tetrafluoro-, polymer with ethene	Introduced
25067-11-2	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1,2,2-tetrafluoroethene	Introduced
25190-89-0	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene and tetrafluoroethene	Introduced
26655-00-5	Propane, 1,1,1,2,2,3,3-heptafluoro-3-[(trifluoroethenyl)oxy]-, polymer with tetrafluoroethene	Introduced
27029-05-6	1-Propene, polymer with tetrafluoroethene	Introduced
29118-24-9	1-Propene, 1,3,3,3-tetrafluoro-, (1E)-	Introduced
29420-49-3	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, potassium salt	Introduced
31506-32-8	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-N-methyl-	Introduced
34454-97-2	1-Butanesulfonamide, 1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methyl-	Introduced
34455-29-3	1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[[[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)sulfonyl]amino]-, hydroxide, inner salt	Introduced
51851-37-7	Silane, triethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)-	Introduced
52238-92-3	2-Naphthalenecarboxamide, N,N'-(2,5-dichloro-1,4-phenylene)bis[4-[[2-chloro-5-(trifluoromethyl)phenyl]azo]-3-hydroxy-	Introduced
52550-44-4	Poly(oxy-1,2-ethanediyl), .alpha.-(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)-.omega.-hydroxy-	Introduced
60164-51-4	Poly[oxy(trifluoro(trifluoromethyl)-1,2-ethanediyl)], .alpha.-(pentafluoroethyl)-.omega.-[tetrafluoro(trifluoromethyl)ethoxy]-	Introduced
60933-18-8	Methanesulfonic acid, trifluoro-, compound with N-ethylethanamine (1:1)	Introduced
63148-56-1	Siloxanes and silicones, methyl 3,3,3-trifluoropropyl	Introduced
65059-79-2	1-Butene, 4-bromo-3,3,4,4-tetrafluoro-, polymer with 1,1-difluoroethene, tetrafluoroethene and trifluoro(trifluoromethoxy)ethene	Introduced
65530-63-4	Ethanol, 2,2'-iminobis-, compd. with .alpha.-fluoro-.omega.-[2-(phosphonoxy)ethyl]poly(difluoromethylene) (2:1)	Introduced
65530-64-5	Ethanol, 2,2'-iminobis-, compd. with .alpha.,.alpha.'-[phosphinobis(oxy-2,1-ethanediyl)]bis[.omega.-fluoropoly(difluoromethylene)] (1:1)	Introduced
65530-85-0	Poly(difluoromethylene), .alpha.-(cyclohexylmethyl)-.omega.-hydro-	Introduced
67584-42-3	Cyclohexanesulfonic acid, decafluoro(pentafluoroethyl)-, potassium salt	Introduced
68134-22-5	Butanamide, N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-oxo-2-[[2-(trifluoromethyl)phenyl]azo]-	Introduced
68258-85-5	1-Hexene, 3,3,4,4,5,5,6,6,6-nonafluoro-, polymer with ethene and tetrafluoroethene	Introduced
68412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivatives	Introduced
68412-69-1	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivatives	Introduced
68607-77-2	Siloxanes and silicones, methyl-3,3,3-trifluoropropyl, hydroxy terminated	Introduced
68952-02-3	Siloxanes and silicones, methyl 3,3,3-trifluoropropyl, methyl vinyl, hydroxy terminated	Introduced
69991-61-3	Ethene, tetrafluoro-, oxidized, polymerized	Introduced
69991-67-9	1-Propene, 1,1,2,3,3,3-hexafluoro-, oxidized, polymerized	Introduced
73772-32-4	1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl][(tridecafluorohexyl)sulfonyl]amino]-2-hydroxy-, monosodium salt	Introduced
75768-65-9	Phosphonium, triphenyl(phenylmethyl)-, salt with 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis[phenol] (1:1)	Introduced

CAS number	Chemical name	Introduction status
79953-85-8	Benzamide, 3,3'-[(2-chloro-5-methyl-1,4-phenylene)bis[imino(1-acetyl-2-oxo-2,1-ethanediyl)-2,1-diazene diyl]]bis[4-chloro-N-[2-(4-chlorophenoxy)-5-(trifluoromethyl)phenyl]-	Introduced
86508-42-1	Perfluoro compounds, C5-18	Introduced
88795-12-4	1-Butanol, 4-(ethenyloxy)-, polymer with chlorotrifluoroethene, (ethenyloxy)cyclohexane and ethoxyethene	Introduced
102687-65-0	1-Propene, 1-chloro-3,3,3-trifluoro-, (1E)-	Introduced
115340-92-6	Siloxanes and silicones, dimethyl, methyl 3-(1,1,2,2-tetrafluoroethoxy)propyl	Introduced
115340-95-9	Siloxanes and silicones, dimethyl, methyl 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl	Introduced
119275-52-4	Polysiloxanes, di-Me, Me trifluoropropyl, hydroxy-terminated	Introduced
138495-42-8	Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro-	Introduced
162492-15-1	Ethene, 1,1,2,2-tetrafluoro-, oxidized, polymd., reduced, Me esters, reduced, ethoxylated	Introduced
163702-07-6	1-methoxy 1,1,2,2,3,3,4,4,4-nonafluorobutane	Introduced
163702-08-7	Propane, 2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoro-	Introduced
459415-06-6	2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with butyl 2-propenoate and 2,5-furandione, -gamma.-.omega.-perfluoro-C8-14-alkyl esters, tert-Bu benzenecarboperoxoate-initiated	Introduced
753501-43-8	Boron, trifluoro(tetrahydrofuran)-, (T-4)-, polymer with .alpha.-hydro.-.omega.-hydroxypoly(oxy-1,2-ethanediyl) and 3-methyl-3-[(2,2,3,3,3-pentafluoropropoxy)methyl]oxetane	Introduced
1017237-71-6	Propanoic acid, 2,3,3,3-tetrafluoro-2-(trifluoromethyl)-, 1,1'-anhydride, reaction products with di-Et sulfate and potassium fluoride	Introduced
1017237-78-3	2-Propenoic acid, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl ester, telomer with 3-mercapto-1,2-propanediol, polymer with 2-methyloxirane polymer with oxirane di-2-propenoate, and 2-methyloxirane polymer with oxirane mono-2-propenoate, tert-Bu 2-ethylhexaneperoxoate-initiated	Introduced
1071022-26-8	2-Propenoic acid, 2-methyl-, polymer with 2-(diethylamino)ethyl 2-methyl-2-propenoate, 2-propenoic acid and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate, acetate	Introduced
1132688-18-6	Poly(oxy-1,2-ethanediyl), .alpha.-hydro.-.omega.-hydroxy-, ether with 4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluoro-1,2-nonanediol	Introduced
1334163-54-0	2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, 2-methylpropyl 2-methyl-2-propenoate, 2-propenoic acid and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate, tert-Bu 2-ethylhexaneperoxoate-initiated	Introduced
1374418-39-9	2-Propenoic acid, reaction products with acetic acid (.gamma.-.omega.-perfluoro-C8-10-alkyl) thio derivs. Bu esters and polyethylenimine	Introduced
1793072-86-2	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with hexadecyl 2-propenoate, octadecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate	Introduced
1793073-25-2	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with hexadecyl 2-methyl-2-propenoate, .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl), octadecyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate	Introduced
1881248-50-5	2-Propenoic acid, 2-methyl-, C16-18-alkyl esters, polymers with 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl methacrylate, 1,1-dimethylpropyl 2-ethylhexaneperoxoate-initiated	Introduced
75-73-0	Methane, tetrafluoro-	R&D only
76-38-0	Ethane, 2,2-dichloro-1,1-difluoro-1-methoxy-	R&D only
98-17-9	Phenol, 3-(trifluoromethyl)-	R&D only
116-15-4	1-Propene, 1,1,2,3,3,3-hexafluoro-	R&D only
151-67-7	Ethane, 2-bromo-2-chloro-1,1,1-trifluoro-	R&D only
307-34-6	Octane, octadecafluoro-	R&D only
311-89-7	1-Butanamine, 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonafluorobutyl)-	R&D only
326-06-7	1,3-Butanedione, 4,4,4-trifluoro-1-phenyl-	R&D only
333-27-7	Methanesulfonic acid, trifluoro-, methyl ester	R&D only
335-67-1	Octanoic acid, pentadecafluoro-	R&D only
336-59-4	Butanoic acid, heptafluoro-, anhydride	R&D only
338-84-1	1-Pentanamine, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N,N-bis(undecafluoropentyl)-	R&D only
360-64-5	Benzamide, 2-(trifluoromethyl)-	R&D only
367-57-7	2,4-Pentanedione, 1,1,1-trifluoro-	R&D only
375-72-4	1-Butanesulfonyl fluoride, 1,1,2,2,3,3,4,4,4-nonafluoro-	R&D only

CAS number	Chemical name	Introduction status
375-85-9	Heptanoic acid, tridecafluoro-	R&D only
393-75-9	Benzene, 2-chloro-1,3-dinitro-5-(trifluoromethyl)-	R&D only
402-45-9	Phenol, 4-(trifluoromethyl)-	R&D only
407-25-0	Acetic acid, trifluoro-, anhydride	R&D only
422-05-9	1-Propanol, 2,2,3,3,3-pentafluoro-	R&D only
433-97-6	Benzoic acid, 2-(trifluoromethyl)-	R&D only
447-61-0	Benzaldehyde, 2-(trifluoromethyl)-	R&D only
678-26-2	Pentane, dodecafluoro-	R&D only
678-39-7	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-	R&D only
690-39-1	Propane, 1,1,1,3,3,3-hexafluoro-	R&D only
865-86-1	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-	R&D only
920-66-1	2-Propanol, 1,1,1,3,3,3-hexafluoro-	R&D only
1493-13-6	Methanesulfonic acid, trifluoro-	R&D only
1522-22-1	2,4-Pentanedione, 1,1,1,5,5,5-hexafluoro-	R&D only
1691-99-2	1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-	R&D only
1996-88-9	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	R&D only
2144-53-8	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	R&D only
2144-54-9	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester	R&D only
2712-78-9	Iodine, phenylbis(trifluoroacetato-O)-	R&D only
2795-39-3	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, potassium salt	R&D only
3825-26-1	Octanoic acid, pentadecafluoro-, ammonium salt	R&D only
3871-99-6	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, potassium salt	R&D only
17463-43-3	DL-Alanine, 3,3,3-trifluoro-	R&D only
22898-01-7	Propanoic acid, 2,2,3,3-tetrafluoro-, sodium salt	R&D only
24448-09-7	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-N-methyl-	R&D only
24589-78-4	Acetamide, 2,2,2-trifluoro-N-methyl-N-(trimethylsilyl)-	R&D only
27607-77-8	Methanesulfonic acid, trifluoro-, trimethylsilyl ester	R&D only
56773-42-3	Ethanaminium, N,N,N-triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonic acid (1:1)	R&D only
68649-26-3	1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-, reaction products with N-ethyl-1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-1-butanefluoramide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-1-heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-1-hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-(2-hydroxyethyl)-1-pentanesulfonamide, polymethylenepolyphenylene isocyanate and stearyl alcohol	R&D only
68891-96-3	Chromium, diaquatetrachloro[.mu.-[N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]glycinato-O1:O1']]-.mu.-hydroxybis[2-methylpropanol]di-	R&D only
69739-34-0	Methanesulfonic acid, trifluoro-, (1,1-dimethylethyl)dimethylsilyl ester	R&D only
78560-45-9	Silane, trichloro(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)-	R&D only
170442-59-8	Cyclohexanemethanol, 4-[(ethenyloxy)methyl]-, polymer with 1-chloro-1,2,2-trifluoroethene, (ethenyloxy)cyclohexane, .alpha.-[[4-[(ethenyloxy)methyl]cyclohexyl]methyl]-.omega.-hydroxypoly(oxy-1,2-ethanediyl) and ethoxyethene	R&D only
75-90-1	Acetaldehyde, trifluoro-	Not introduced
76-15-3	Ethane, chloropentafluoro-	Not introduced
76-16-4	Ethane, hexafluoro-	Not introduced
76-19-7	Propane, octafluoro-	Not introduced
115-25-3	Cyclobutane, octafluoro-	Not introduced
121-50-6	Benzenamine, 2-chloro-5-(trifluoromethyl)-	Not introduced
306-83-2	Ethane, 2,2-dichloro-1,1,1-trifluoro-	Not introduced

CAS number	Chemical name	Introduction status
307-35-7	1-Octanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-	Not introduced
320-50-3	Benzene, 1,4-dichloro-2-(trifluoromethyl)-	Not introduced
320-60-5	Benzene, 2,4-dichloro-1-(trifluoromethyl)-	Not introduced
335-36-4	Furan, 2,2,3,3,4,4,5-heptafluorotetrahydro-5-(nonafluorobutyl)-	Not introduced
350-70-9	Acetic acid, trifluoro-, trianhydride with boric acid (H3BO3)	Not introduced
354-58-5	Ethane, 1,1,1-trichloro-2,2,2-trifluoro-	Not introduced
355-25-9	Butane, decafluoro-	Not introduced
355-80-6	1-Pentanol, 2,2,3,3,4,4,5,5-octafluoro-	Not introduced
374-07-2	Ethane, 1,1-dichloro-1,2,2,2-tetrafluoro-	Not introduced
376-14-7	2-Propenoic acid, 2-methyl-, 2-[ethyl[(heptafluorooctyl)sulfonyl]amino]ethyl ester	Not introduced
382-10-5	1-Propene, 3,3,3-trifluoro-2-(trifluoromethyl)-	Not introduced
382-28-5	Morpholine, 2,2,3,3,5,5,6,6-octafluoro-4-(trifluoromethyl)-	Not introduced
422-56-0	Propane, 3,3-dichloro-1,1,1,2,2-pentafluoro-	Not introduced
423-50-7	1-Hexanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	Not introduced
423-82-5	Acrylic acid, ester with N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-N-(2-hydroxyethyl)-1-octanesulfonamide	Not introduced
425-87-6	Ethane, 2-chloro-1,1,2-trifluoro-1-methoxy-	Not introduced
425-88-7	Ethane, 1,1,2,2-tetrafluoro-1-methoxy-	Not introduced
431-86-7	Propane, 1,2-dichloro-1,1,3,3,3-pentafluoro-	Not introduced
432-08-6	1-Hexanamine, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N,N-bis(tridecafluorohexyl)-	Not introduced
460-40-2	Propanal, 3,3,3-trifluoro-	Not introduced
507-55-1	Propane, 1,3-dichloro-1,1,2,2,3-pentafluoro-	Not introduced
592-09-6	Silane, trichloro(3,3,3-trifluoropropyl)-	Not introduced
660-78-6	Silanediol, methyl(3,3,3-trifluoropropyl)-	Not introduced
675-62-7	Silane, dichloromethyl(3,3,3-trifluoropropyl)-	Not introduced
707-72-2	Benzene, 1-(dichloromethyl)-2-(trifluoromethyl)-	Not introduced
754-34-7	Propane, 1,1,1,2,2,3,3-heptafluoro-3-iodo-	Not introduced
756-76-3	Silane, trichloro[3-(1,1,2,2-tetrafluoroethoxy)propyl]-	Not introduced
831-75-4	Benzenamine, 3-(1,1,2,2-tetrafluoroethoxy)-	Not introduced
1320-37-2	Ethane, dichlorotetrafluoro-	Not introduced
1481-41-0	Silane, chlorodimethyl(3,3,3-trifluoropropyl)-	Not introduced
1623-05-8	Propane, 1,1,1,2,2,3,3-heptafluoro-3-[(trifluoroethenyl)oxy]-	Not introduced
1652-63-7	1-Propanaminium, 3-[[[(heptafluorooctyl)sulfonyl]amino]-N,N,N-trimethyl-, iodide	Not introduced
1692-54-2	Silane, dichloromethyl[3-(1,1,2,2-tetrafluoroethoxy)propyl]-	Not introduced
1799-84-4	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,6-nonafluorohexyl ester	Not introduced
1893-52-3	2-Propenoic acid, 2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl ester	Not introduced
2250-98-8	1-Octanesulfonamide, N,N',N''-[phosphinylidynetris(oxy-2,1-ethanediyl)]tris[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-	Not introduced
2837-89-0	Ethane, 2-chloro-1,1,1,2-tetrafluoro-	Not introduced
2923-93-5	Hexanamide, 2-[2,4-bis(1,1-dimethylpropyl)phenoxy]-N-[4-[(2,2,3,3,4,4,4-heptafluoro-1-oxobutyl)amino]-3-hydroxyphenyl]-	Not introduced
2991-51-7	Glycine, N-ethyl-N-[(heptafluorooctyl)sulfonyl]-, potassium salt	Not introduced
3107-18-4	Cyclohexanesulfonic acid, undecafluoro-, potassium salt	Not introduced
3410-32-0	Trisiloxane, 3-[(dimethylsilyl)oxy]-1,1,5,5-tetramethyl-3-(3,3,3-trifluoropropyl)-	Not introduced
3634-08-0	Naphth[2,3-c]acridine-5,8,14(13H)-trione, 6,6'-[[6'-[[2-chloro-5-(trifluoromethyl)phenyl]amino]-1,3,5-triazine-2,4-diyl]diimino]bis-	Not introduced
3820-83-5	1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-N-[2-(phosphonoxy)ethyl]-	Not introduced
3836-78-0	2-Naphthalenesulfonic acid, 6-amino-5-[[4-chloro-2-(trifluoromethyl)phenyl]azo]-4-hydroxy-	Not introduced
3872-25-1	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, potassium salt	Not introduced

CAS number	Chemical name	Introduction status
4980-53-4	Methacrylic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuorohexadecyl ester	Not introduced
6014-75-1	Methacrylic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl ester	Not introduced
6130-43-4	Heptanoic acid, tridecafluoro-, ammonium salt	Not introduced
6492-78-0	Benzamide, N-[4-amino-3-(5,10-dihydro-5,10-dioxoanthra[2,3-d]thiazol-2-yl)-9,10-dihydro-9,10-dioxo-1-anthracenyl]-3-(trifluoromethyl)-	Not introduced
9010-75-7	Ethene, chlorotrifluoro-, polymer with 1,1-difluoroethene	Not introduced
10442-83-8	Ethanol, 2-[[2-nitro-4-(trifluoromethyl)phenyl]amino]-	Not introduced
13098-39-0	2-Propanone, 1,1,1,3,3,3-hexafluoro-, sesquihydrate	Not introduced
13838-16-9	Ethane, 2-chloro-1-(difluoromethoxy)-1,1,2-trifluoro-	Not introduced
14263-91-3	Benzenediazonium, 3,5-bis(trifluoromethyl)-, (T-4)-tetrachlorozincate(2-) (2:1)	Not introduced
17202-41-4	1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-, ammonium salt	Not introduced
17329-79-2	2-Propenoic acid, 2-[ethyl[(nonafluorobutyl)sulfonyl]amino]ethyl ester	Not introduced
19089-73-7	Acrylic acid, pentafluoroethyl ester	Not introduced
20981-12-8	2-Naphthalenecarboxamide, N-[4-(benzoylamino)phenyl]-3-hydroxy-4-[2-[2-methoxy-5-[[[3-(trifluoromethyl)phenyl]amino]carbonyl]phenyl]diazenyl]-	Not introduced
21149-38-2	Acetamide, 2,2,2-trifluoro-N,N-bis(trimethylsilyl)-	Not introduced
21615-47-4	Hexanoic acid, undecafluoro-, ammonium salt	Not introduced
21907-50-6	Acetic acid, trifluoro-, cesium salt	Not introduced
23586-53-0	Acetic acid, trifluoro-, thallium(3+) salt	Not introduced
24937-97-1	Ethene, chlorotrifluoro-, polymer with chloroethene	Not introduced
25038-02-2	Oxirane, trifluoro(trifluoromethyl)-, homopolymer	Not introduced
25038-89-5	Ethene, chlorotrifluoro-, polymer with tetrafluoroethene	Not introduced
25101-45-5	Ethene, chlorotrifluoro-, polymer with ethene	Not introduced
25101-47-7	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with chlorotrifluoroethene and 1,1-difluoroethene	Not introduced
25497-30-7	Ethane, dibromotetrafluoro-	Not introduced
25684-76-8	Ethene, tetrafluoro-, polymer with 1,1-difluoroethene	Not introduced
26654-97-7	Ethanesulfonyl fluoride, 2-[1-[difluoro[(trifluoroethenyl)oxy]methyl]-1,2,2-tetrafluoroethoxy]-1,1,2-tetrafluoro-, polymer with tetrafluoroethene	Not introduced
29081-56-9	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, ammonium salt	Not introduced
29091-09-6	Benzene, 2,4-dichloro-1,3-dinitro-5-(trifluoromethyl)-	Not introduced
29117-08-6	Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	Not introduced
29457-72-5	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, lithium salt	Not introduced
29684-26-2	Benzenediazonium, 3,5-bis(trifluoromethyl)-	Not introduced
29763-53-9	Copper, [tetrakis(pentadecafluoroheptyl)-29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-	Not introduced
30381-98-7	1-Octanesulfonamide, N,N'-[phosphinobis(oxy-2,1-ethanediyl)]bis[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, ammonium salt	Not introduced
34449-89-3	1-Butanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-	Not introduced
34455-00-0	1-Butanesulfonamide, 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(2-hydroxyethyl)-	Not introduced
34455-03-3	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-	Not introduced
35295-35-3	Benzaldehyde, 3-(1,1,2,2-tetrafluoroethoxy)-	Not introduced
35295-36-4	Benzaldehyde, 4-(1,1,2,2-tetrafluoroethoxy)-	Not introduced
35397-13-8	Propane, 1,1,1,2,2,3,3-heptafluoro-3-[(1,2,2-trifluoroethenyl)oxy]-, polymer with 1-chloro-1,2,2-trifluoroethene and ethene	Not introduced
35852-58-5	Phenol, 2-chloro-4-(trifluoromethyl)	Not introduced
36913-91-4	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, anhydride	Not introduced
37338-48-0	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	Not introduced

CAS number	Chemical name	Introduction status
38006-74-5	1-Propanaminium, 3-[[[(heptadecafluorooctyl)sulfonyl]amino]-N,N,N-trimethyl-, chloride	Not introduced
38436-16-7	Silane, dichloromethyl(3,3,4,4,5,5,6,6,6-nonafluorohexyl)-	Not introduced
38850-58-7	1-Propanaminium, N-(2-hydroxyethyl)-N,N-dimethyl-3-[(3-sulfopropyl)[(tridecafluorohexyl)sulfonyl]amino]-, hydroxide, inner salt	Not introduced
39239-77-5	1-Tetradecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro-	Not introduced
39482-87-6	Silanamine, N-[dimethyl(3,3,3-trifluoropropyl)silyl]-1,1-dimethyl-1-(3,3,3-trifluoropropyl)-	Not introduced
40630-61-3	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N,N-bis(2-hydroxyethyl)-	Not introduced
45102-52-1	2-Propenoic acid, 2-methyl-, 2,2,3,3-tetrafluoropropyl ester	Not introduced
45115-53-5	2-Propenoic acid, 2-methyl-, 2,2,3,3,3-pentafluoropropyl ester	Not introduced
52166-82-2	1-Propanaminium, N,N,N-trimethyl-3-[[[(tridecafluorohexyl)sulfonyl]amino]-, chloride	Not introduced
52584-45-9	Benzenesulfonic acid, 4-[[[4,4,5,5,5-pentafluoro-3-(pentafluoroethyl)-1,2,3-tris(trifluoromethyl)-1-pentenyl]oxy]-, sodium salt	Not introduced
53515-73-4	2-Propenoic acid, 2-methyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl ester, polymer with 2-propenoic acid	Not introduced
53518-00-6	1-Propanaminium, N,N,N-trimethyl-3-[[[nonafluorobutyl)sulfonyl]amino]-, chloride	Not introduced
54302-04-4	1-Propene, 3,3,3-trifluoro-2-(trifluoromethyl)-, polymer with 1-chloro-1,2,2-trifluoroethene and ethene	Not introduced
54773-19-2	Benzene, 1,2-dichloro-3-(trifluoromethyl)-	Not introduced
54802-79-8	2-Propenoic acid, 2-methyl-, 2,2,2-trifluoroethyl ester, homopolymer	Not introduced
54950-05-9	Butanedioic acid, sulfo-, 1,4-bis(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) ester, sodium salt	Not introduced
56357-87-0	Ethene, 1,1,2,2-tetrafluoro-, polymer with 1,1-difluoroethene and 1,1,2-trifluoro-2-(trifluoromethoxy)ethene	Not introduced
56372-23-7	Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	Not introduced
57534-41-5	Zonyl FSN	Not introduced
57589-85-2	Benzoic acid, 2,3,4,5-tetrachloro-6-[[[3-[[[(heptadecafluorooctyl)sulfonyl]oxy]phenyl]amino]carbonyl]-, monopotassium salt	Not introduced
57741-47-6	2-Naphthalenesulfonic acid, 6-amino-5-[[4-chloro-2-(trifluoromethyl)phenyl]azo]-4-hydroxy-, monosodium salt	Not introduced
59071-10-2	2-Propenoic acid, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl ester	Not introduced
59493-72-0	1-propanaminium, 3-[[4-[(heptadecafluorononenyl)oxy]benzoyl]amino]-N,N,N-trimethyl-, iodide	Not introduced
59778-97-1	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,18-tritriacontafluorooctadecyl ester	Not introduced
60270-55-5	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, potassium salt	Not introduced
60918-85-6	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with bromotrifluoroethene, 1,1-difluoroethene and tetrafluoroethene	Not introduced
61098-00-8	4,7,10,13-Tetraoxahexadecane, 1,1,1,2,2,3,3,5,6,6,8,9,11,11,12,14,14,15,15,16,16,16-docosafluoro-5,8,9,12-tetrakis(trifluoromethyl)-	Not introduced
63654-41-1	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1,1,2,2,3,3-heptafluoro-3-[(trifluoroethenyl)oxy]propane and tetrafluoroethene	Not introduced
63863-44-5	Propanoic acid, 3-[1-[difluoro[(trifluoroethenyl)oxy]methyl]-1,2,2,2-tetrafluoroethoxy]-2,2,3,3-tetrafluoro-, methyl ester, polymer with tetrafluoroethene	Not introduced
64426-47-7	Pentasiloxane, 1,1,3,5,7,9,9-heptamethyl-3,5,7-tris(3,3,3-trifluoropropyl)-	Not introduced
65104-45-2	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate	Not introduced
65104-66-7	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,20-heptatriacontafluoroicosyl ester	Not introduced
65256-46-4	Forafac 1157	Not introduced
65530-57-6	Poly(difluoromethylene), .alpha.-fluoro-.omega.-[2-[[2-(trimethylammonio)ethyl]thio]ethyl]-, methyl sulfate	Not introduced

CAS number	Chemical name	Introduction status
65530-58-7	Poly(difluoromethylene), .alpha.-fluoro-.omega.-(2-hydroxyethyl)-, ester with 2,15-bis(carboxymethyl)-4,13-dioxo-3,14-dioxo-5,12-diazahectadecane-1,2,15,16-tetracarboxylic acid (6:1)	Not introduced
65530-59-8	Poly(difluoromethylene), .alpha.-fluoro-.omega.-(2-hydroxyethyl)-, 2-hydroxy-1,2,3-propanetricarboxylate (3:1)	Not introduced
65530-69-0	Poly(difluoromethylene), .alpha.-[2-[(2-carboxyethyl)thio]ethyl]-.omega.-fluoro-, lithium salt	Not introduced
65530-74-7	Ethanol, 2,2'-iminobis-, compd. with .alpha.-fluoro-.omega.-[2-(phosphonooxy)ethyl]poly(difluoromethylene) (1:1)	Not introduced
65530-83-8	Poly(difluoromethylene), .alpha.-[2-[(2-carboxyethyl)thio]ethyl]-.omega.-fluoro-	Not introduced
65545-80-4	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with .alpha.-fluoro-.omega.-(2-hydroxyethyl)poly(difluoromethylene) (1:1)	Not introduced
65605-56-3	Poly(difluoromethylene), .alpha.-fluoro-.omega.-(2-hydroxyethyl)-, dihydrogen 2-hydroxy-1,2,3-propanetricarboxylate	Not introduced
65605-57-4	Poly(difluoromethylene), .alpha.-fluoro-.omega.-(2-hydroxyethyl)-, hydrogen 2-hydroxy-1,2,3-propanetricarboxylate	Not introduced
65605-58-5	2-Propenoic acid, 2-methyl-, dodecyl ester, polymer with .alpha.-fluoro-.omega.-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene)	Not introduced
65605-59-6	2-Propenoic acid, 2-methyl-, dodecyl ester, polymer with .alpha.-fluoro-.omega.-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene) and N-(hydroxymethyl)-2-propenamide	Not introduced
65605-60-9	2-Propenoic acid, 2-methyl-, dodecyl ester, polymer with .alpha.-fluoro-.omega.-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and N-(hydroxymethyl)-2-propenamide	Not introduced
65636-35-3	Ethanaminium, N,N-diethyl-N-methyl-2-[(2-methyl-1-oxo-2-propenyl)oxy]-, methyl sulfate, polymer with 2-ethylhexyl 2-methyl-2-propenoate, .alpha.-fluoro-.omega.-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and N-(hydroxymethyl)-2-propenamide	Not introduced
67584-51-4	Glycine, N-ethyl-N-[(nonafluorobutyl)sulfonyl]-, potassium salt	Not introduced
67584-52-5	Glycine, N-ethyl-N-[(undecafluoropentyl)sulfonyl]-, potassium salt	Not introduced
67584-53-6	Glycine, N-ethyl-N-[(tridecafluorohexyl)sulfonyl]-, potassium salt	Not introduced
67584-58-1	1-Propanaminium, N,N,N-trimethyl-3-[[[pentadecafluoroheptyl)sulfonyl]amino]-, iodide	Not introduced
67584-62-7	Glycine, N-ethyl-N-[(pentadecafluoroheptyl)sulfonyl]-, potassium salt	Not introduced
67786-14-5	2-Naphthalenesulfonic acid, 6-amino-4-hydroxy-5-[[[2-(trifluoromethyl)phenyl]azo]-, monosodium salt	Not introduced
67906-42-7	1-Decanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heneicosafuoro-, ammonium salt	Not introduced
67923-61-9	1-Heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-[2-(phosphonooxy)ethyl]-1-Octanesulfonamide,	Not introduced
67939-88-2	N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, monohydrochloride	Not introduced
67939-89-3	Ethanol, 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]-, dihydrogen phosphate (ester)	Not introduced
67939-90-6	1-Pentanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-[2-(phosphonooxy)ethyl]-1-Heptanesulfonamide,	Not introduced
67939-94-0	N,N',N''-[phosphinylidynetris(oxy-2,1-ethanediyl)]tris[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-	Not introduced
67939-95-1	1-Propanaminium, N,N,N-trimethyl-3-[[[nonafluorobutyl)sulfonyl]amino]-, iodide	Not introduced
67939-97-3	1-Heptanesulfonamide, N,N'-[phosphinobis(oxy-2,1-ethanediyl)]bis[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, ammonium salt	Not introduced
67939-98-4	1-Heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-[2-(phosphonooxy)ethyl]-, diammonium salt	Not introduced
67940-02-7	1-Heptanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, monohydrochloride	Not introduced
67969-65-7	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-[2-(phosphonooxy)ethyl]-1-Octanesulfonamide,	Not introduced
67969-69-1	N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-[2-(phosphonooxy)ethyl]-, diammonium salt	Not introduced
68037-88-7	Siloxanes and silicones, methyl 3,3,3-trifluoropropyl, [(dimethylvinylsilyl)oxy] terminated	Not introduced
68081-83-4	Carbamic acid, (4-methyl-1,3-phenylene)bis-, bis[2-[ethyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl] ester	Not introduced
68140-21-6	Thiols, C10-20, .gamma.-.omega.-perfluoro	Not introduced
68156-01-4	Cyclohexanesulfonic acid, nonafluorobis(trifluoromethyl)-, potassium salt	Not introduced

CAS number	Chemical name	Introduction status
68156-07-0	Cyclohexanesulfonic acid, decafluoro(trifluoromethyl)-, potassium salt	Not introduced
68187-25-7	Butanoic acid, 4-[[3-(dimethylamino)propyl]amino]-4-oxo-, 2(or 3)-[(.gamma.-.omega.-perfluoro-C6-20-alkyl)thio] derivatives	Not introduced
68187-42-8	Propanamide, 3-[(.gamma.-.omega.-perfluoro-C4-10-alkyl)thio] derivatives	Not introduced
68187-47-3	1-Propanesulfonic acid, 2-methyl-, 2-[[1-oxo-3-[(.gamma.-.omega.-perfluoro-C4-16-alkyl)thio]propyl]amino] derivatives, sodium salts	Not introduced
68227-96-3	2-Propenoic acid, butyl ester, telomer with 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-hydroxypoly(oxy-1,4-butanediyl), .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-[(2-methyl-1-oxo-2-propen-1-yl)oxy]poly(oxy-1,4-butanediyl), 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol	Not introduced
68239-43-0	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with .alpha.-fluoro-.omega.-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and N-(hydroxymethyl)-2-propenamide	Not introduced
68259-07-4	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, ammonium salt	Not introduced
68259-08-5	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, ammonium salt	Not introduced
68259-09-6	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, ammonium salt	Not introduced
68259-10-9	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, ammonium salt	Not introduced
68259-11-0	Pentanoic acid, nonafluoro-, ammonium salt	Not introduced
68259-38-1	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	Not introduced
68259-39-2	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	Not introduced
68298-06-6	2-Propenoic acid, 2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl ester	Not introduced
68298-11-3	1-Propanaminium, 3-[[[(heptafluorooctyl)sulfonyl](3-sulfo)propyl]amino]-N-(2-hydroxyethyl)-N,N-dimethyl-, hydroxide, inner salt	Not introduced
68298-62-4	2-Propenoic acid, 2-[butyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctyl)sulfonyl]amino]ethyl ester, telomer with 2-[butyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-methyloxirane polymer with oxirane di-2-propenoate, 2-methyloxirane polymer with oxirane mono-2-propenoate and 1-octanethiol	Not introduced
68298-78-2	2-Propenoic acid, 2-methyl-, 2-[[[[5-[[[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctyl)sulfonyl]amino]ethoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl ester, telomer with butyl 2-propenoate, 2-[[[[5-[[[2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[[5-[[[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[[5-[[[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[[5-[[[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol	Not introduced
68298-79-3	Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(nonafluorobutyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	Not introduced
68298-80-6	Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	Not introduced
68298-81-7	Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	Not introduced

CAS number	Chemical name	Introduction status
68299-39-8	2-Propenoic acid, 2-methyl-, 4-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]butyl ester, telomer with butyl 2-propenoate, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]butyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-hydroxypoly(oxy-1,4-butanediyl), .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-[(2-methyl-1-oxo-2-propen-1-yl)oxy]poly(oxy-1,4-butanediyl), 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]butyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]butyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]butyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol	Not introduced
68310-17-8	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-[2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	Not introduced
68310-18-9	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-[2-[ethyl[(nonafluorobutyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	Not introduced
68329-56-6	2-Propenoic acid, eicosyl ester, polymer with 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, hexadecyl 2-propenoate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and octadecyl 2-propenoate	Not introduced
68391-08-2	Alcohols, C8-14, .gamma.-.omega.-perfluoro	Not introduced
68391-09-3	Sulfonic acids, C6-12-alkane, perfluoro-, potassium salts	Not introduced
68399-99-5	Butanamide, 2-[[2-chloro-5-(trifluoromethyl)phenyl]azo]-N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-oxo-	Not introduced
68516-17-6	Sulfuric acid, mono(.gamma.-.omega.-perfluoro-C6-12-alkyl) esters, ammonium salts	Not introduced
68541-01-5	Benzoic acid, 2,3,4,5-tetrachloro-6-[[[3-[[[(pentadecafluoroheptyl)sulfonyl]oxy]phenyl]amino]carbonyl]-, monopotassium salt	Not introduced
68541-02-6	Benzoic acid, 2,3,4,5-tetrachloro-6-[[[3-[[[(undecafluoropentyl)sulfonyl]oxy]phenyl]amino]carbonyl]-, monopotassium salt	Not introduced
68555-72-6	1-Pentanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-(2-hydroxyethyl)-	Not introduced
68555-73-7	1-Heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-	Not introduced
68555-74-8	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-(2-hydroxyethyl)-N-methyl-	Not introduced
68555-75-9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-	Not introduced
68555-76-0	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-N-methyl-	Not introduced
68555-81-7	1-Propanaminium, N,N,N-trimethyl-3-[[[(pentadecafluoroheptyl)sulfonyl]amino]-, chloride	Not introduced
68555-90-8	2-Propenoic acid, butyl ester, polymer with 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate and 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate	Not introduced
68555-91-9	2-Propenoic acid, 2-methyl-, 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, polymer with 2-[ethyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate	Not introduced
68555-92-0	2-Propenoic acid, 2-methyl-, 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate	Not introduced

CAS number	Chemical name	Introduction status
68568-54-7	Benzoic acid, 2,3,4,5-tetrachloro-6-[[[3-[(nonafluorobutyl)sulfonyl]oxy]phenyl]amino]carbonyl]-, monopotassium salt	Not introduced
68568-77-4	2-Propenoic acid, 2-methyl-, 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, polymer with 2-chloro-1,3-butadiene, 2-[ethyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and 2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate	Not introduced
68586-14-1	2-Propenoic acid, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, telomer with 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl), .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-[(2-methyl-1-oxo-2-propen-1-yl)oxy]poly(oxy-1,2-ethanediyl), 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol	Not introduced
68594-62-7	2-Naphthalenesulfonic acid, 5-[4-(acetyl-amino)-2-(trifluoromethyl)phenyl]azo]-6-amino-4-hydroxy-	Not introduced
68608-13-9	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 1,3-diisocyanatomethylbenzene polymer	Not introduced
68608-14-0	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 1,1'-methylenebis[4-isocyanatobenzene]	Not introduced
68797-76-2	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and oxiranylmethyl 2-methyl-2-propenoate	Not introduced
68815-72-5	Benzoic acid, 2,3,4,5-tetrachloro-6-[[[3-[(tridecafluorohexyl)sulfonyl]oxy]phenyl]amino]carbonyl]-, monopotassium salt	Not introduced
68834-05-9	Benzene, 1-bromo-4-(1,1,2,2-tetrafluoroethoxy)-	Not introduced
68867-60-7	2-Propenoic acid, 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and .alpha.-(1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl)	Not introduced
68867-62-9	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]ethyl ester, telomer with 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 1-octanethiol and .alpha.-(1-oxo-2-propen-1-yl)-.omega.-methoxypoly(oxy-1,2-ethanediyl)	Not introduced
68891-05-4	Ethene, tetrafluoro-, homopolymer, .alpha.-fluoro-.omega.-(2-hydroxyethyl)-, citrate, reaction products with 1,6-diisocyanatohexane	Not introduced
68891-97-4	Chromium, diaquatetrachloro[.mu.-[N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]glycinato-.kappa.O:.kappa.O']]-.mu.-hydroxybis(2-propanol)-	Not introduced
68891-98-5	Chromium, diaquatetrachloro[.mu.-[N-ethyl-N-[(tridecafluorohexyl)sulfonyl]glycinato-O1:O1']]-.mu.-hydroxybis[2-propanol]di-	Not introduced
68891-99-6	Chromium, diaquatetrachloro[.mu.-[N-ethyl-N-[(undecafluoropentyl)sulfonyl]glycinato-O1:O1']]-.mu.-hydroxybis[2-propanol]di-	Not introduced
68900-97-0	Chromium, diaquatetrachloro[.mu.-[N-ethyl-N-[(nonafluorobutyl)sulfonyl]glycinato-O1:O1']]-.mu.-hydroxybis[2-propanol]di-	Not introduced

CAS number	Chemical name	Introduction status
68909-15-9	2-Propenoic acid, eicosyl ester, polymers with branched octyl acrylate, 2-[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl acrylate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl acrylate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl acrylate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl acrylate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl acrylate, polyethylene glycol acrylate Me ether and stearyl acrylate	Not introduced
68951-98-4	Siloxanes and silicones, dimethyl, methyl 3,3,3-trifluoropropyl, vinyl terminated	Not introduced
68957-55-1	1-Propanaminium, N,N,N-trimethyl-3-[[undecafluoropentyl)sulfonyl]amino]-, chloride	Not introduced
68957-57-3	1-Propanaminium, N,N,N-trimethyl-3-[[undecafluoropentyl)sulfonyl]amino]-, iodide	Not introduced
68957-58-4	1-Propanaminium, N,N,N-trimethyl-3-[[tridecafluorohexyl)sulfonyl]amino]-, iodide	Not introduced
68957-59-5	1-Butanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,4-nonafluoro-, monohydrochloride	Not introduced
68957-60-8	1-Pentanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, monohydrochloride	Not introduced
68957-61-9	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, monohydrochloride	Not introduced
68958-60-1	Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]-.omega.-methoxy-	Not introduced
68958-61-2	Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]-.omega.-methoxy-	Not introduced
68990-40-9	Fatty acids, C18-unsatd., dimers, diisocyanates, polymers with 2,3-bis(.gamma.-.omega.-perfluoro-C4-18-alkyl)-1,4-butanediol, 1,6-diisocyanato-2,2,4(or 2,4,4)-trimethylhexane and 2,2'-(methylimino)bis[ethanol]	Not introduced
69013-34-9	Benzenesulfonamide, N-methyl-4-[[4,4,5,5,5-pentafluoro-3-(pentafluoroethyl)-1,2,3-tris(trifluoromethyl)-1-pentenyl]oxy]-N-[2-(phosphonooxy)ethyl]-	Not introduced
69430-43-9	Siloxanes and silicones, dimethyl, polymers with hexamethylcyclotrisiloxane and 2,4,6-trimethyl-2,4,6-tris(3,3,3-trifluoropropyl)cyclotrisiloxane	Not introduced
70024-87-2	Cyclotrisiloxane, 2,4,6-trimethyl-2,4,6-tris(3,3,3-trifluoropropyl)-, homopolymer, sodium terminated	Not introduced
70225-14-8	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, compound with 2,2'-iminobis[ethanol] (1:1)	Not introduced
70225-15-9	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, compound with 2,2'-iminobis[ethanol] (1:1)	Not introduced
70225-16-0	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compound with 2,2'-iminobis[ethanol] (1:1)	Not introduced
70729-63-4	Benzenesulfonic acid, 4-[[4,4,5,5,5-pentafluoro-3-(pentafluoroethyl)-1,2,3-tris(trifluoromethyl)-1-pentenyl]oxy]-, compound with N,N-dibutyl-1-butanamine (1:1)	Not introduced
70776-36-2	2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with 1,1-dichloroethene, 2-[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate and 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate	Not introduced
70900-40-2	2-Propenoic acid, 2-methyl-, 2-[[[5-[[[4-[[[1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]butoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl ester, telomer with butyl 2-propenoate, 2-[[[1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[[[2-methyl-5-[[[4-[[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]butoxy]carbonyl]amino]phenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[2-methyl-5-[[[4-[[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]butoxy]carbonyl]amino]phenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[2-methyl-5-[[[4-[[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]butoxy]carbonyl]amino]phenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[2-methyl-5-[[[4-[[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]butoxy]carbonyl]amino]phenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol	Not introduced
70969-47-0	Thiols, C8-20, .gamma.-.omega.-perfluoro, telomers with acrylamide	Not introduced
70983-59-4	Poly(oxy-1,2-ethanediyl), .alpha.-methyl-.omega.-hydroxy-, 2-hydroxy-3-[(.gamma.-.omega.-perfluoro-C6-20-alkyl)thio]propyl ethers	Not introduced
70983-60-7	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-, 3-[(.gamma.-.omega.-perfluoro-C6-20-alkyl)thio] derivs., chlorides	Not introduced

CAS number	Chemical name	Introduction status
71002-41-0	Poly(difluoromethylene), .alpha.-[2-(acetyloxy)-2-[(carboxymethyl)dimethylammonio]ethyl]-.omega.-fluoro-, hydroxide, inner salt	Not introduced
71356-38-2	Piperazinium, 1-(carboxymethyl)-1-(2-hydroxyethyl)-4-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadec	Not introduced
71608-61-2	Pentanoic acid, 4,4-bis[(.gamma.-.omega.-perfluoro-C8-20-alkyl)thio] derivatives, compounds with diethanolamine	Not introduced
72102-94-4	Benzamide, 3,3'-[[2,5-dichloro-1,4-phenylene]bis[imino(1-acetyl-2-oxo-2,1-ethanediyl)azo]]bis[4-chlor	Not introduced
72494-14-5	Hexanamide, 2-[2,4-bis(1,1-dimethylpropyl)phenoxy]-N-[3-hydroxy-4-[(2,2,3,3,4,4,5,5-octafluoro-1-oxo	Not introduced
73609-36-6	Silane, dichloromethyl(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)-	Not introduced
74398-72-4	1-Butene, 4-bromo-3,3,4,4-tetrafluoro-, polymer with 1,1-difluoroethene, 1,1,2,3,3,3-hexafluoro-1-propene and tetrafluoroethene	Not introduced
74499-44-8	Phosphoric acid, gamma-omega-perfluoro-C8-16-alkyl esters, compds. with diethanolamine	Not introduced
75198-93-5	2-Naphthalenesulfonic acid, 5-[4-(acetylamino)-2-(trifluoromethyl)phenyl]azo]-6-amino-4-hydroxy-, monosodium salt	Not introduced
75260-69-4	Glycine, N-[(heptadecafluorooctyl)sulfonyl]-, monopotassium salt	Not introduced
79070-11-4	Poly(difluoromethylene), .alpha.-chloro-.omega.-(2,2-dichloro-1,1,2-trifluoroethyl)-	Not introduced
81190-38-7	1-Propanaminium, N-(2-hydroxyethyl)-3-[(2-hydroxy-3-sulfopropyl)[(tridecafluorohexyl)sulfonyl]amino]-N,N-d	Not introduced
83003-52-5	Hexanamide, 2-[2,4-bis(1,1-dimethylpropyl)phenoxy]-N-[3-hydroxy-4-[(octafluoro-1-oxopentyl)amino]ph	Not introduced
84238-62-0	Sulfuric acid, mono(.gamma.-.omega.-perfluoro-C8-12-alkyl) esters, ammonium salts	Not introduced
85222-98-6	Benzenediazonium, 4-chloro-2-(trifluoromethyl)-, 1,5-naphthalenedisulfonate (1:1)	Not introduced
85222-99-7	Benzenediazonium, 2-chloro-5-(trifluoromethyl)-, 1,5-naphthalenedisulfonate (1:1)	Not introduced
85237-43-0	Benzenediazonium, 2-chloro-5-(trifluoromethyl)-, (T-4)-tetrachlorozincate(2-) (2:1)	Not introduced
85631-54-5	2-Propenoic acid, .gamma.-.omega.-perfluoro-C8-14-alkyl esters	Not introduced
85857-16-5	Silane, trimethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)-	Not introduced
85857-17-6	Silane, dimethoxymethyl(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)-	Not introduced
89461-13-2	Butanol, (ethenyloxy)-, polymer with chlorotrifluoroethene and (ethenyloxy)cyclohexane	Not introduced
91081-99-1	Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with epichlorohydrin, adipates (esters)	Not introduced
91932-06-8	Forafac 1033	Not introduced
92129-34-5	Quaternary ammonium compounds, (hydroxyethyl)dimethyl(.gamma.-.omega.-perfluoro-C8-14-.beta.-alkenyl), methyl sulfates	Not introduced
92265-81-1	Ethanaminium, N,N,N-trimethyl-2-[(2-methyl-1-oxo-2-propenyl)oxy]-, chloride, polymer with 2-ethoxyethyl 2-propenoate, 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl	Not introduced
93705-98-7	2-propenoate and oxiranylmethyl 2-methyl-2-propenoate	Not introduced
93705-98-7	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester, polymer with methyl 2-methyl-2-propenoate	Not introduced
93804-21-8	Silane, trimethoxy[3-(1,1,2,2-tetrafluoroethoxy)propyl]-	Not introduced
94088-80-9	1-Propanaminium, N,N,N-trimethyl-3-[[[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)sulfonyl]amino]-, iodide	Not introduced
94095-37-1	Pentanoic acid, 4,4-bis[(.gamma.-.omega.-perfluoro-C6-12-alkyl)thio] derivatives, compounds with diethanolamine	Not introduced
94133-90-1	1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl][[(heptadecafluorooctyl)sulfonyl]amino]-2-hydroxy-, monosodium salt	Not introduced
94133-91-2	1-Propanaminium, 3-[[[(heptadecafluorooctyl)sulfonyl](2-hydroxy-3-sulfopropyl)amino]-N-(2-hydroxyethyl)-N, N-dimethyl-, hydroxide, monosodium salt	Not introduced
94158-20-0	2-Butanone, O,O',O''-[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silyldiyl]oxime	Not introduced
94232-71-0	2-Butanone, O,O',O''-[[3-(1,1,2,2-tetrafluoroethoxy)propyl]silyldiyl]trioxime	Not introduced
94232-72-1	Silane, triethoxy[3-(1,1,2,2-tetrafluoroethoxy)propyl]-	Not introduced
94313-84-5	Carbamic acid, [5-[[[2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethoxy]carbonyl]amino]-2-methylphe	Not introduced
95370-51-7	nyl]-, 9-octadecenyl ester, (Z)- Carbamic acid, [2-(sulfothio)ethyl]-, C-(.gamma.-.omega.-perfluoro-C6-9-alkyl) esters, monosodium salts	Not introduced

CAS number	Chemical name	Introduction status
97136-02-2	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with .alpha.-fluoro-.omega.-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene)	Not introduced
97331-50-5	Hexanamide, 6-[2,4-bis(1,1-dimethylpropyl)phenoxy]-N-[3-hydroxy-4-[(octafluoro-1-oxopentyl)amino]phenyl]-	Not introduced
98219-29-5	Betaines, N-(hydroxyethyl)-N-methyl-N-(2-sulfoethyl)-N-(1,1,2-trihydroperfluoro-C8-14-2-alkenyl)	Not introduced
101896-32-6	2-Propenoic acid, 2-methyl-, 3-chloro-2-hydroxypropyl ester, polymer with .alpha.-fluoro-.omega.-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene)	Not introduced
103712-65-8	1,3-Dioxolane, 2-[[[(2,2,2-trifluoroethyl)thio]methyl]-	Not introduced
104241-98-7	Cyclohexane, (ethenyloxy)-, polymer with chlorotrifluoroethene, 1,6-diisocyanatohexane and ethoxyethene	Not introduced
104333-00-8	1,2-Propanediol, 3-[[2-nitro-4-(trifluoromethyl)phenyl]amino]-	Not introduced
104780-70-3	Siloxanes and silicones, dimethyl, methyl 3-(1,1,2,2-tetrafluoroethoxy)propyl, methyl 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl-	Not introduced
113089-67-1	Thiols, C4-20, .gamma.-.omega.-perfluoro, reaction products with methylated formaldehyde-1,3,5-triazine-2,4,6-triamine polymer	Not introduced
115340-82-4	Betaines, (hydroxyethyl)methyl(.gamma.-.omega.-perfluoro-C8-14-.beta.-alkenyl)(2-sulfopropyl)	Not introduced
115340-93-7	Siloxanes and silicones, dimethyl, methyl 3-(1,1,2,2-tetrafluoroethoxy)propyl, hydroxy terminated	Not introduced
115340-94-8	Siloxanes and silicones, dimethyl, methyl 3-(1,1,2,2-tetrafluoroethoxy)propyl, methyl 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl, hydroxy terminated	Not introduced
115340-96-0	Siloxanes and silicones, dimethyl, methyl 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl, hydroxy terminated	Not introduced
115341-00-9	Siloxanes and silicones, methyl 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl, hydroxy terminated	Not introduced
115341-01-0	Siloxanes and silicones, methyl 3,3,3-trifluoropropyl, methyl vinyl, vinyl terminated	Not introduced
115535-36-9	Quaternary ammonium compounds, trimethyl(.delta.-.omega.-perfluoro-C8-14-.beta.-alkenyl), chlorides	Not introduced
115592-83-1	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorododecyl 2-propenoate, hexadecyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, octadecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-propenoate	Not introduced
118102-37-7	Alcohols, C8-14, .gamma.-.omega.-perfluoro, reaction products with epichlorohydrin, polyethylene glycol monomethyl ether and N,N',2-tris(6-isocyanatoheptyl)imidodicarbonic diamide	Not introduced
118102-38-8	Alcohols, C8-14, .gamma.-.omega.-perfluoro, reaction products with epichlorohydrin, tetrahydrofuran homopolymer and N,N',2-tris(6-isocyanatoheptyl)imidodicarbonic diamide	Not introduced
119973-84-1	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorododecyl 2-propenoate, .alpha.-[2-methyl-1-oxo-2-propenyl]-.omega.-[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,2-ethanediyl), 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuorohexadecyl 2-propenoate, octadecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-propenoate	Not introduced
119973-85-2	2-Propenoic acid, 2-methyl-, 3-chloro-2-hydroxypropyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorododecyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuorohexadecyl 2-propenoate, octadecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-propenoate	Not introduced
120611-30-5	Xanthylum, 3,6-bis(diethylamino)-9-[2-(methoxycarbonyl)phenyl]-, salt with trifluoromethanesulfonic acid (1:1)	Not introduced
121065-52-9	2-Propenoic acid, 2-methyl-, methyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorododecyl 2-propenoate, block	Not introduced
125768-41-4	9-Octadecenoic acid (9Z)-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester	Not introduced
127003-77-4	4,7,10,13-Tetraoxahexadecane, 1,1,1,2,2,3,3,3,5,6,6,8,9,9,11,12,14,14,15,15,16,16,16-docosafluoro-5,8,11,12-tetrakis(trifluoromethyl)-	Not introduced
127133-57-7	Quaternary ammonium compounds, diethylmethyl(.gamma.-.omega.-perfluoro-C8-14-.beta.-alkenyl), methyl sulfates	Not introduced
127133-66-8	2-Propenoic acid, 2-methyl-, polymers with butyl methacrylate, lauryl methacrylate and 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl methacrylate	Not introduced

CAS number	Chemical name	Introduction status
128770-29-6	Foraperle 145	Not introduced
133875-90-8	Forafac 1157 N	Not introduced
135228-60-3	Hexane, 1,6-diisocyanato-, homopolymer, .gamma.-.omega.-perfluoro-C6-20-alc.-blocked	Not introduced
142033-27-0	2-Propenoic acid, 2-methyl-, methyl ester, polymer with 2,2,3,3,3-pentafluoropropyl 2-methyl-2-propenoate and 2,2,3,3-tetrafluoropropyl 2-methyl-2-propenoate	Not introduced
143792-91-0	Foraperle 350	Not introduced
144468-32-6	1,3-Propanediol, 2,2-bis(bromomethyl)-, reaction products with ethanethiol-tetrafluoroethylene telomer, polymers with 1,6-diisocyanato-2,2,4(or 2,4,4)-trimethylhexane, 2-heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane and 2,2'-(methylimino)bis[ethanol]	Not introduced
145477-02-7	Quaternary ammonium compounds, diethyl methyl (.gamma.-.omega.-perfluoro-C8-14-.beta.-alkenyl), tetraphenyl borates	Not introduced
149465-52-1	1H-Imidazole, 1-[1-[[4-chloro-2-(trifluoromethyl)phenyl]imino]-2-propoxyethyl]-	Not introduced
150135-57-2	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Bu acrylate, .gamma.-.omega.-perfluoro-C8-14-alkyl acrylate and polyethylene glycol monomethacrylate, 2,2'-azobis[2,4-dimethylpentanenitrile]-initiated	Not introduced
153325-45-2	Quaternary ammonium compounds, diethyl methyl (.gamma.-.omega.-perfluoro-C8-14-.beta.-alkenyl), tetrafluoroborates	Not introduced
159940-21-3	Foraperle 215	Not introduced
161074-58-4	Fatty acids, C18-unsatd., trimers, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl esters	Not introduced
165178-32-5	Propane, 1,1,1,2,2,3,3-heptafluoro-3-[(1,2,2-trifluoroethenyl)oxy]-, polymer with 1,1,2,2-tetrafluoroethene and 1,1,2-trifluoro-2-(trifluoromethoxy)ethene	Not introduced
167289-73-8	9-Octadecenoic acid (9Z)-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	Not introduced
185630-70-0	Alcohols, C8-14, .gamma.-.omega.-perfluoro, reaction products with epichlorohydrin and propylene oxide, trimethylamine-quaternized	Not introduced
185630-90-4	9-Octadecenoic acid (Z)-, reaction products with N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-1-octanesulfonamide	Not introduced
192662-29-6	Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethylamino)propyl], reaction products with acrylic acid	Not introduced
196316-34-4	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with .gamma.-.omega.-perfluoro-C10-16-alkyl acrylate and vinyl acetate, acetates	Not introduced
203743-03-7	2-Propenoic acid, 2-methyl-, hexadecyl ester, polymers with 2-hydroxyethyl methacrylate, .gamma.-.omega.-perfluoro-C10-16-alkyl acrylate and stearyl methacrylate	Not introduced
212335-64-3	2-Propenoic acid, reaction products with N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefulfonamide	Not introduced
220237-47-8	9-Octadecenoic acid (9Z)-, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	Not introduced
220237-52-5	9-Octadecenoic acid (9Z)-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl ester	Not introduced
220713-37-1	2-Propenoic acid, 2-methyl-, 2-aziridinyl ester, polymer with .alpha.-fluoro-.omega.-[2-[(1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene) and phenylmethyl 2-methyl-2-propenoate	Not introduced
220713-74-6	2-Propenoic acid, 2-methyl-, 2-aziridinyl ester, polymer with .alpha.-fluoro-.omega.-[[(2-methyl-1-oxo-2-propenyl)oxy]methyl]poly(difluoromethylene) and octadecyl 2-methyl-2-propenoate	Not introduced
220713-85-9	2-Propenoic acid, 2-methyl-, 2-aziridinyl ester, polymer with 1,1-dimethylethyl 2-methyl-2-propenoate and .alpha.-fluoro-.omega.-[[(2-methyl-1-oxo-2-propenyl)oxy]methyl]poly(difluoromethylene)	Not introduced
253682-96-1	1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, reaction products with succinic anhydride monopolyisobutylene derivs.	Not introduced
253682-97-2	Butanedioic acid, monopolyisobutylene derivs., 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro tetradecyl ester	Not introduced
253682-98-3	Butanedioic acid, monopolyisobutylene derivs., 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl ester	Not introduced
253682-99-4	Butanedioic acid, monopolyisobutylene derivs., 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	Not introduced
253683-00-0	Butanedioic acid, monopolyisobutylene derivs., 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	Not introduced
253873-70-0	Alcohols, C8-14, .gamma.-.omega.-perfluoro, polymers with 1,6-diisocyanatohexane, ethylene glycol, glycidol and 2,4-TDI	Not introduced
254889-67-3	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, reaction products with [(trimethylsilyl)oxy]-modified silica	Not introduced
254889-72-0	Imidodicarbonic diamide, N,N',2-tris(6-isocyanatoheptyl)-, reaction products with 3-chloro-1,2-propanediol, ethylene, iodoethane and tetrafluoroethylene	Not introduced
254889-79-7	Methanol, reaction products with 1,6-diisocyanatohexane, ethylene, ethylene oxide, iodoethane and tetrafluoroethylene	Not introduced

CAS number	Chemical name	Introduction status
255916-31-5	1-Butene, 4-bromo-3,3,4,4-tetrafluoro-, polymer with 1,1-difluoroethene, 1,1,2,3,3,3-hexafluoro-1-propene, 1,1,2,2-tetrafluoroethene and 1,1,2-trifluoro-2-(trifluoromethoxy)ethene	Not introduced
306973-47-7	Sulfonamides, C4-8 -alkane, perfluoro, N-(hydroxyethyl)- N-methyl, reaction products with 12-hydroxystearic acid and 2,4 -TDI, ammonium salts	Not introduced
306975-56-4	Propanoic acid, 3-hydroxy- 2-(hydroxymethyl)-2-methyl-, polymer with 2-ethyl -2-(hydroxymethyl)-1,3-propanediol and N, N', 2-tris(6-isocyanatoethyl)imidodicarbonic diamide reaction products with N-ethyl- 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8 heptadecafluoro-N-(2-hydroxyethyl)-1-octanesulfonamide and N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-1-heptanesulfonamide, compds. with triethylamine	Not introduced
325966-78-7	2-Propenoic acid, 2-methyl-, 3-chloro-2-hydroxypropyl ester, polymers with N-(1,1-dimethyl-3-oxobutyl)-2-propenamide, 2-ethylhexyl acrylate, .gamma.-.omega.-perfluoro-C8-16-alkyl acrylate, octadecyl 2-propenoate and vinyl chloride, 2,2'-azobis[2-methylpropanimidamide] dihydrochloride-initiated	Not introduced
328389-91-9	Propanoic acid, 3-hydroxy-2-(hydroxymethyl)-2-methyl-, polymers with 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane and reduced Me esters of reduced polymd. oxidized tetrafluoroethylene, compds. with triethylamine	Not introduced
329201-80-1	Imidodicarbonic diamide, N,N',2-tris(6-isocyanatoethyl)-, reaction products with ethylene glycol, .alpha.-fluoro-.omega.-[2-[(1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), glycidol and 2,4-TDI	Not introduced
332076-28-5	2-Oxepanone, homopolymer, decyl perfluoro-C8-14-alkyl esters, reaction products with 1H-imidazole-1-propanamine, polyethylene-polypropylene glycol and TDI homopolymer	Not introduced
332076-33-2	2-Oxepanone, homopolymer, decyl perfluoro-C8-14-alkyl esters, reaction products with 1H-imidazole-1-propanamine and TDI homopolymer	Not introduced
332076-34-3	2-Oxepanone, homopolymer, decyl perfluoro-C8-14-alkyl esters, reaction products with 1H-imidazole-1-propanamine, polyethylene glycol and TDI homopolymer	Not introduced
357624-15-8	Hexane, 1,6-diisocyanato-, homopolymer, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-1-octanol-blocked	Not introduced
374928-92-4	2-Butenedioic acid (2Z)-, dioctyl ester, polymer with chloroethene and .alpha.-fluoro-.omega.-[2-[(1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene)	Not introduced
374928-93-5	2-Propenenitrile, polymer with .alpha.-fluoro-.omega.-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), .alpha.-(2-methyl-1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) and .alpha.-(2-methyl-1-oxo-2-propenyl)-.omega.-[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,2-ethanediyl)	Not introduced
376364-33-9	Alcohols, C8-14, .gamma.-.omega.-perfluoro, polymers with .alpha.-fluoro-.omega.-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), methanol, stearyl acrylate, stearyl methacrylate, 2,4-TDI and vinyl chloride	Not introduced
379685-96-8	Glycine, N-Acetyl-N-[3-(trifluoromethyl)phenyl]valyl-	Not introduced
406207-51-0	Benzoic acid, 4-(1,1-dimethylethyl)-, ethenyl ester, polymer with ethene, 4-(ethenyl)oxy-1-butanol, 1,1,2,3,3,3-hexafluoro-1-propene and 1,1,2,2-tetrafluoroethene	Not introduced
425664-29-5	2-Propenoic acid, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl ester, polymer with octadecyl 2-propenoate	Not introduced
428842-38-0	Hexane, 1,6-diisocyanato-, homopolymer, .alpha.-fluoro-.omega.-(hydroxyethyl)poly(difluoromethylene)- and Me Et ketone oxime- and polyethylene glycol mono-Me ether-blocked	Not introduced
500022-76-4	2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate and 2,2,2-trifluoroethyl 2-methyl-2-propenoate	Not introduced
500701-62-2	2-Propenoic acid, 2-methyl-, 2-(diethylamino)ethyl ester, polymer with .alpha.-fluoro-.omega.-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), acetate (salt)	Not introduced
524729-93-9	2-Propenoic acid, polymer with butyl 2-propenoate and 2,5-furandione, .gamma.-.omega.-perfluoro-C8-14-alkyl esters, potassium salts, tert-Bu benzenecarboperoxoate-initiated	Not introduced
594864-11-6	2-Propenoic acid, butyl ester, polymer with 2[butyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl 2-propenoate and 2-methylpropyl 2-propenoate	Not introduced
864910-70-3	Boron, trifluoro (tetrahydrofuran)-, (T-4)-, polymer with 2-methyloxirane, 3-methyl-3-[(2,2,3,3,3-pentafluoropropoxy)methyl]oxetane, oxirane and tetrahydrofuran	Not introduced
944578-05-6	Sulfonamides, C4-8-alkane, perfluoro, N-[4,7-dimethyl-4-[[[(1-methylpropylidene)amino]oxy]-3,5-dioxa-6-aza-4-silanon-6-en-1-yl]]-N-ethyl	Not introduced
1094598-90-9	2-Propenoic acid, 2-methyl-, 3-chloro-2-hydroxypropyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuorohexadecyl 2-propenoate, octadecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-propenoate	Not introduced

CAS number	Chemical name	Introduction status
1407491-35-3	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester, polymer with butyl 2-propenoate and 2-propenoic acid, tert-Bu 2-ethylhexaneperoxoate-initiated, compds. with 2-(dimethylamino)ethanol	Not introduced
1446702-38-0	Poly(oxy-1,2-ethanediyl), .alpha.-hydro.-omega.-hydroxy-, polymer with 1,6-diisocyanatohexane, 1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methyl-1-butanefulfonamide- and 3-(trimethoxysilyl)-1-propanamine-blocked	Not introduced
2332714-14-2	Siloxanes and Silicones, hydroxy Me, Me octyl, Me (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)oxy, ethers with polyethylene glycol mono-Me ether	Not introduced
2407557-70-2	2-Propenoic acid, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl ester, polymer with 1,6-diisocyanatohexane and 2-mercaptoethanol, stearyl alc.-blocked	Not introduced
2653977-04-7	2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptyl 2-methyl-2-propenoate, .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) and 2-methylpropyl 2-methyl-2-propenoate, tert-Bu benzenecarboperoxoate-initiated	Not introduced
-	Forafac 1187	Not introduced
-	Foraperle 390	Not introduced
-	Foraperle 200	Not introduced
-	Forafac 1145 N	Not introduced
-	Foraperle 1191	Not introduced
-	Foraperle 344	Not introduced
-	Foraperle 440	Not introduced
-	Foraperle 305	Not introduced
-	Amines, perfluoroalkyl(C6-16)carbonyl-, hexanoic acid, ammonium salt	Not introduced
-	Siloxanes and silicones, dimethyl, methyl perfluorobutyl ethyl hydrolyzate	Not introduced
-	Siloxanes and silicones, dimethyl, perfluorobutylethyl methyl, methyl vinyl, trimethylsilyl end blocked	Not introduced
-	Polyethylene fatty acid modified perfluorobutylethyl myristate silane	Not introduced
-	Siloxanes and silicones, dimethyl, methyl perfluorobutylethyl, methyl vinyl, (dimethylvinylsilyl)oxy terminated	Not introduced
-	Siloxanes and silicones, methyl perfluorobutylethyl, methyl hydrogen	Not introduced
-	Imidodicarbonic diamide, N,N'-2-tris(6-isocyanatohexyl)-, reaction products with 1-octadecanol, alcohols, C8-14, .gamma.-.omega.-perfluoro- and oxiranemethanol	Not introduced
-	Phosphonitrile chloride, homopolymer, reaction products with sodium salts of polyfluoroalkoxy derivatives	Not introduced
-	Siloxanes and silicones, methyl hydrogen, reaction products with perfluoroalkyl(C6-C12)ethanol, 1-octene and poly(oxy-1,2-ethanediyl), .alpha.-methyl-.omega.-hydroxy-	Not introduced
-	Siloxanes and silicones, dimethyl, methyl hydrogen, reaction products with perfluoroalkyl-C6-12 ethanol and poly(oxy-1,2-ethanediyl), .alpha.-methyl-.omega.-hydroxy-	Not introduced

Table 17 – End use information for the 91 PFAS introduced for end use by industry or the public. The number of each reported end use is shown in brackets. The number of end uses is not equal to the number of introduction reports as more than one end use could be included in an introduction report.

CAS number	Chemical name	End uses for?	Nominated end use categories (count of each end use is shown in brackets)
75-89-8	Ethanol, 2,2,2-trifluoro-	Industry Public R&D	Lubricant and grease products (1)
76-05-1	Acetic acid, trifluoro-	Industry R&D	Automotive care products (1) Other (1)
76-37-9	1-Propanol, 2,2,3,3-tetrafluoro-	Industry	Cleaning and furniture care products (1)
88-16-4	Benzene, 1-chloro-2-(trifluoromethyl)-	Industry Public R&D	Paint and coating products (2) Adhesive and sealant products (1) Automotive care products (1)
98-16-8	Benzenamine, 3-(trifluoromethyl)-	Public R&D	Ink, toner and colourant products (1)

CAS number	Chemical name	End uses for?	Nominated end use categories (count of each end use is shown in brackets)
98-56-6	Benzene, 1-chloro-4-(trifluoromethyl)-	Industry Public R&D	Paint and coating products (19) Adhesive and sealant products (6) Other (3) Automotive care products (2) Apparel and footwear care products (1) Metal plating (1)
306-91-2	Phenanthrene, tetracosafuorotetradecahydro-	Public R&D	Personal care products (cosmetics) (1)
307-24-4	Hexanoic acid, undecafluoro-	Industry Public R&D	Automotive care products (2) Cleaning and furniture care products (1) Construction products (1) Firefighting foams/liquids (1) Paint and coating products (1) Paper products (1)
328-84-7	Benzene, 1,2-dichloro-4-(trifluoromethyl)-	Industry R&D	Paint and coating products (1)
335-57-9	Heptane, hexadecafluoro-	Industry Public R&D	Automotive care products (1) Onshore oil or gas extraction (1)
352-87-4	2-Propenoic acid, 2-methyl-, 2,2,2-trifluoroethyl ester	Industry Public R&D	Lubricant and grease products (1) Paint and coating products (1)
354-33-6	Ethane, 1,1,1,2,2-pentafluoro-	Industry Public R&D	Refrigerant gases (11) Heat transfer products (1)
355-42-0	Hexane, tetradecafluoro-	Industry Public R&D	Personal care products (cosmetics) (3) Lubricant and grease products (1)
355-63-5	1-Heptene, 1,1,2,3,3,4,4,5,5,6,6,7,7,7-tetradecafluoro-	Industry	Onshore oil or gas extraction (1)
355-93-1	2-Propenoic acid, 2-methyl-, 2,2,3,3,4,4,5,5-octafluoropentyl ester	Public R&D	Personal care products (cosmetics) (1)
358-23-6	Methanesulfonic acid, trifluoro-, anhydride	Industry R&D	Adhesive and sealant products (1)
375-22-4	Butanoic acid, heptafluoro-	Industry Public R&D	Paint and coating products (1)
375-73-5	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-	Industry R&D	Electronic products (1)
406-58-6	Butane, 1,1,1,3,3-pentafluoro-	Industry	Cleaning and furniture care products (1)
420-46-2	Ethane, 1,1,1-trifluoro-	Industry Public R&D	Refrigerant gases (4)
422-64-0	Propanoic acid, pentafluoro-	Industry R&D	Paint and coating products (1)
429-60-7	Silane, trimethoxy(3,3,3-trifluoropropyl)-	Industry Public	Ink, toner and colourant products (1)
429-67-4	Cyclotetrasiloxane, 2,4,6,8-tetramethyl-2,4,6,8-tetrakis(3,3,3-trifluoropropyl)-	Industry	Adhesive and sealant products (2) Heat transfer products (1)
431-89-0	Propane, 1,1,1,2,3,3,3-heptafluoro-	Industry	Refrigerant gases (1)
460-73-1	1,1,1,3,3-Pentafluoropropane	Industry Public	Personal care products (cosmetics) (1) Refrigerant gases (1)
647-42-7	1-Octanol, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-	Industry Public R&D	Paint and coating products (2) Adhesive and sealant products (1) Cleaning and furniture care products (1) Fabric, textile and leather products (1) Ink, toner and colourant products (1) Water treatment products (1)
677-21-4	1-Propene, 3,3,3-trifluoro-	Industry Public	Lubricant and grease products (1)
692-49-9	2-Butene, 1,1,1,4,4,4-hexafluoro-, (2Z)-	Industry Public	Refrigerant gases (2) Heat transfer products (1)
754-12-1	1-Propene, 2,3,3,3-tetrafluoro-	Industry Public	Refrigerant gases (11) Heat transfer products (1)
756-13-8	1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone	Industry Public	Firefighting foams/liquids (4)

CAS number	Chemical name	End uses for?	Nominated end use categories (count of each end use is shown in brackets)
811-97-2	Ethane, 1,1,1,2-tetrafluoro-	Industry Public R&D	Refrigerant gases (15) Other (10) Lubricant and grease products (7) Adhesive and sealant products (3) Paint and coating products (2) Anti-freeze and de-icing products (1) Cleaning and furniture care products (1) Heat transfer products (1) Onshore oil or gas extraction (1)
1478-61-1	Phenol, 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethy lidene]bis-	Industry Public R&D	Adhesive and sealant products (1) Mining and metals refining (1) Offshore oil or gas extraction (1) Onshore oil or gas extraction (1) Plastic and polymer products (1)
2374-14-3	Cyclotrisiloxane, 2,4,6-trimethyl-2,4,6-tris(3,3,3-trifluoropropyl)-	Industry Public	Adhesive and sealant products (5) Paint and coating products (1)
2706-90-3	Pentanoic acid, nonafluoro-	Industry Public R&D	Paint and coating products (1)
9002-83-9	Ethene, chlorotrifluoro-, homopolymer	Public R&D	Batteries and energy storage products (1) Lubricant and grease products (1) Other (1)
9002-84-0	Ethene, tetrafluoro-, homopolymer	Industry Public R&D	Lubricant and grease products (64) Paint and coating products (26) Adhesive and sealant products (19) Ink, toner and colourant products (17) Personal care products (cosmetics) (16) Plastic and polymer products (16) Other (8) Articles intended for food contact (7) Electronic products (5) Automotive care products (4) Mining and metals refining (4) Onshore oil or gas extraction (4) Batteries and energy storage products (3) Construction products (3) Fuel, oil, fuel oil additives and related products (3) Water treatment products (3) Explosive products (2) Metal plating (2) Offshore oil or gas extraction (2) Apparel and footwear care products (1) Cleaning and furniture care products (1) Fabric, textile and leather products (1) High voltage insulation products (1)
9011-17-0	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene	Industry Public R&D	Plastic and polymer products (15) Adhesive and sealant products (5) Articles intended for food contact (5) Onshore oil or gas extraction (3) Water treatment products (3) Explosive products (2) Mining and metals refining (2) Other (2) Personal care products (cosmetics) (2) Construction products (1) Firefighting foams/liquids (1) Offshore oil or gas extraction (1)
24937-79-9	Ethene, 1,1-difluoro-, homopolymer	Industry Public R&D	Batteries and energy storage products (9) Plastic and polymer products (4) Paint and coating products (3) Ink, toner and colourant products (2) Water treatment products (2) Adhesive and sealant products (1) Articles intended for food contact (1) Arts, crafts and hobby products (1) Fabric, textile and leather products (1) Lubricant and grease products (1) Mining and metals refining (1) Onshore oil or gas extraction (1)

CAS number	Chemical name	End uses for?	Nominated end use categories (count of each end use is shown in brackets)
25038-71-5	Ethene, tetrafluoro-, polymer with ethene	Industry R&D	Articles intended for food contact (1) Mining and metals refining (1) Onshore oil or gas extraction (1) Water treatment products (1)
25067-11-2	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1,2,2-tetrafluoroethene	Industry Public R&D	Water treatment products (3) Articles intended for food contact (2) Paint and coating products (2) Plastic and polymer products (2) Adhesive and sealant products (1) Electronic products (1) Mining and metals refining (1) Onshore oil or gas extraction (1) Other (1)
25190-89-0	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene and tetrafluoroethene	Industry Public	Plastic and polymer products (2) Adhesive and sealant products (1) Firefighting foams/liquids (1) Other (1)
26655-00-5	Propane, 1,1,1,2,2,3,3,3-heptafluoro-3-[(trifluoroethoxy)-], polymer with tetrafluoroethene	Industry Public	Paint and coating products (3) Articles intended for food contact (2) Mining and metals refining (2) Onshore oil or gas extraction (1) Plastic and polymer products (1) Water treatment products (1)
27029-05-6	1-Propene, polymer with tetrafluoroethene	Public R&D	Plastic and polymer products (2) Adhesive and sealant products (1) Other (7)
29118-24-9	1-Propene, 1,3,3,3-tetrafluoro-, (1E)-	Industry Public	Lubricant and grease products (6) Refrigerant gases (6) Automotive care products (2) Paint and coating products (2) Personal care products (cosmetics) (2) Cleaning and furniture care products (1) Heat transfer products (1) Mining and metals refining (1)
29420-49-3	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, potassium salt	Industry Public R&D	Plastic and polymer products (3) Electronic products (1)
31506-32-8	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-N-methyl-	Industry R&D	Lubricant and grease products (1)
34454-97-2	1-Butanesulfonamide, 1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methyl-	Industry Public	Paint and coating products (2)
34455-29-3	1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[[[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)sulfonyl]amino]-, hydroxide, inner salt	Industry Public R&D	Firefighting foams/liquids (3) Photographic products (1)
51851-37-7	Silane, triethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)-	Industry Public R&D	Paint and coating products (6) Personal care products (cosmetics) (3) Automotive care products (1) Cleaning and furniture care products (1)
52238-92-3	2-Naphthalenecarboxamide, N,N'-(2,5-dichloro-1,4-phenylene)bis[4-[[2-chloro-5-(trifluoromethyl)phenyl]azo]-3-hydroxy-	Industry Public R&D	Ink, toner and colourant products (2) Arts, crafts and hobby products (1)
52550-44-4	Poly(oxy-1,2-ethanediyl), .alpha.-(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)-.omega.-hydroxy-	Industry Public	Ink, toner and colourant products (4) Adhesive and sealant products (2) Cleaning and furniture care products (1) Paint and coating products (1) Photographic products (1)
60164-51-4	Poly[oxy(trifluoro(trifluoromethyl)-1,2-ethanediyl)], .alpha.-(pentafluoroethyl)-.omega.-[tetrafluoro(trifluoromethyl)ethoxy]-	Industry Public R&D	Lubricant and grease products (16) Automotive care products (2) Cleaning and furniture care products (1) Fuel, oil, fuel oil additives and related products (1) Other (1) Plastic and polymer products (1)
60933-18-8	Methanesulfonic acid, trifluoro-, compound with N-ethylethanamine (1:1)	Industry	Adhesive and sealant products (1)

CAS number	Chemical name	End uses for?	Nominated end use categories (count of each end use is shown in brackets)
63148-56-1	Siloxanes and silicones, methyl 3,3,3-trifluoropropyl	Industry Public	Lubricant and grease products (14) Paint and coating products (5) Fuel, oil, fuel oil additives and related products (4) Automotive care products (3) Adhesive and sealant products (1) Articles intended for food contact (1) Heat transfer products (1) Mining and metals refining (1) Onshore oil or gas extraction (1) Water treatment products (1)
65059-79-2	1-Butene, 4-bromo-3,3,4,4-tetrafluoro-, polymer with 1,1-difluoroethene, tetrafluoroethene and trifluoro(trifluoromethoxy)ethene	Public	Adhesive and sealant products (1) Plastic and polymer products (1)
65530-63-4	Ethanol, 2,2'-iminobis-, compd. with .alpha.-fluoro-.omega.-[2-(phosphonoxy)ethyl]poly(difluoromethylene) (2:1)	Industry Public	Cleaning and furniture care products (1) Personal care products (cosmetics) (1)
65530-64-5	Ethanol, 2,2'-iminobis-, compd. with .alpha.,.alpha.'-[phosphinicobis(oxy-2,1-ethanediyl)]bis[.omega.-fluoropoly(difluoromethylene)] (1:1)	Industry Public	Cleaning and furniture care products (1) Personal care products (cosmetics) (1)
65530-85-0	Poly(difluoromethylene), .alpha.-(cyclohexylmethyl)-.omega.-hydro-	Industry Public	Lubricant and grease products (2) Apparel and footwear care products (1) Cleaning and furniture care products (1)
67584-42-3	Cyclohexanesulfonic acid, decafluoro(pentafluoroethyl)-, potassium salt	Industry	Fuel, oil, fuel oil additives and related products (2) Anti-freeze and de-icing products (1)
68134-22-5	Butanamide, N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-oxo-2-[[2-(trifluoromethyl)phenyl]azo]-	Industry Public	Paint and coating products (8) Ink, toner and colourant products (6) Arts, crafts and hobby products (5) Adhesive and sealant products (2) Automotive care products (2) Plastic and polymer products (1)
68258-85-5	1-Hexene, 3,3,4,4,5,5,6,6,6-nonafluoro-, polymer with ethene and tetrafluoroethene	Industry Public	Plastic and polymer products (2) Electronic products (1) Paint and coating products (1)
68412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivatives	Industry	Paint and coating products (2) Other (1)
68412-69-1	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivatives	Industry	Paint and coating products (2) Other (1)
68607-77-2	Siloxanes and silicones, methyl-3,3,3-trifluoropropyl, hydroxy terminated	Industry Public	Adhesive and sealant products (2) Lubricant and grease products (1)
68952-02-3	Siloxanes and silicones, methyl 3,3,3-trifluoropropyl, methyl vinyl, hydroxy terminated	Industry Public	Adhesive and sealant products (2) Plastic and polymer products (1)
69991-61-3	Ethene, tetrafluoro-, oxidized, polymerized	Industry Public	Lubricant and grease products (11) Plastic and polymer products (2) Automotive care products (1) Fuel, oil, fuel oil additives and related products (1) Lubricant and grease products (15) Electronic products (3) Personal care products (cosmetics) (2)
69991-67-9	1-Propene, 1,1,2,3,3,3-hexafluoro-, oxidized, polymerized	Industry Public R&D	Automotive care products (1) Cleaning and furniture care products (1) Fuel, oil, fuel oil additives and related products (1) Heat transfer products (1) Other (1)
73772-32-4	1-Propanesulfonic acid, 3-[[[3-(dimethylamino)propyl]](tridecafluorohexyl)sulfonyl]amino]-2-hydroxy-, monosodium salt	Industry	Cleaning and furniture care products (1)
75768-65-9	Phosphonium, triphenyl(phenylmethyl)-, salt with 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylenidene]bis[phenol] (1:1)	Public	Adhesive and sealant products (1) Plastic and polymer products (1)
79953-85-8	Benzamide, 3,3'-[[2-chloro-5-methyl-1,4-phenylene]bis[imino(1-acetyl-2-oxo-2,1-ethanediyl)-2,1-diazenediyl]]bis[4-chloro-N-[2-(4-chlorophenoxy)-5-(trifluoromethyl)phenyl]-	Industry Public	Arts, crafts and hobby products (2) Ink, toner and colourant products (1) Paint and coating products (1) Plastic and polymer products (1)

CAS number	Chemical name	End uses for?	Nominated end use categories (count of each end use is shown in brackets)
86508-42-1	Perfluoro compounds, C5-18	Industry Public R&D	Cleaning and furniture care products (2) Lubricant and grease products (2) Electronic products (1) Fabric, textile and leather products (1) Heat transfer products (1) Paint and coating products (1)
88795-12-4	1-Butanol, 4-(ethenyloxy)-, polymer with chlorotrifluoroethene, (ethenyloxy)cyclohexane and ethoxyethene	Industry	Paint and coating products (2) Construction products (1)
102687-65-0	1-Propene, 1-chloro-3,3,3-trifluoro-, (1E)-	Industry Public R&D	Plastic and polymer products (3) Refrigerant gases (3) Lubricant and grease products (2) Electronic products (1) Other (1) Personal care products (cosmetics) (1)
115340-92-6	Siloxanes and silicones, dimethyl, methyl 3-(1,1,2,2-tetrafluoroethoxy)propyl	Public	Lubricant and grease products (1)
115340-95-9	Siloxanes and silicones, dimethyl, methyl 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl	Industry Public	Paint and coating products (3) Arts, crafts and hobby products (1) Ink, toner and colourant products (1) Plastic and polymer products (1)
119275-52-4	Polysiloxanes, di-Me, Me trifluoropropyl, hydroxy-terminated	Industry Public	Adhesive and sealant products (2)
138495-42-8	Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro-	Industry	Lubricant and grease products (3) Anti-freeze and de-icing products (1) Cleaning and furniture care products (1) Paint and coating products (1)
162492-15-1	Ethene, 1,1,2,2-tetrafluoro-, oxidized, polymd., reduced, Me esters, reduced, ethoxylated	Industry	Paint and coating products (1)
163702-07-6	1-methoxy 1,1,2,2,3,3,4,4,4-nonafluorobutane	Industry Public R&D	Personal care products (cosmetics) (9) Cleaning and furniture care products (4) Lubricant and grease products (4) Electronic products (2) Metal plating (1) Onshore oil or gas extraction (1) Water treatment products (1)
163702-08-7	Propane, 2-(difluoromethoxymethyl)-1,1,1,2,2,3,3,3-heptafluoro-	Industry Public R&D	Personal care products (cosmetics) (12) Cleaning and furniture care products (4) Lubricant and grease products (4) Electronic products (2) Construction products (1) Metal plating (1) Onshore oil or gas extraction (1) Water treatment products (1)
459415-06-6	2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with butyl 2-propenoate and 2,5-furandione, .gamma.-.omega.-perfluoro-C8-14-alkyl esters, tert-Bu benzenecarboperoxoate-initiated	Public	Ink, toner and colourant products (1)
753501-43-8	Boron, trifluoro(tetrahydrofuran)-, (T-4)-, polymer with .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) and 3-methyl-3-[(2,2,3,3,3-pentafluoropropoxy)methyl]oxetane	Industry	Ink, toner and colourant products (1)
1017237-71-6	Propanoic acid, 2,3,3,3-tetrafluoro-2-(trifluoromethyl)-, 1,1'-anhydride, reaction products with di-Et sulfate and potassium fluoride	Industry Public R&D	Automotive care products (2) Ink, toner and colourant products (1) Lubricant and grease products (1)
1017237-78-3	2-Propenoic acid, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl ester, telomer with 3-mercapto-1,2-propanediol, polymer with 2-methyloxirane polymer with oxirane di-2-propenoate, and 2-methyloxirane polymer with oxirane mono-2-propenoate, tert-Bu 2-ethylhexaneperoxoate-initiated	Industry Public	Paint and coating products (3) Adhesive and sealant products (2) Ink, toner and colourant products (1)

CAS number	Chemical name	End uses for?	Nominated end use categories (count of each end use is shown in brackets)
1071022-26-8	2-Propenoic acid, 2-methyl-, polymer with 2-(diethylamino)ethyl 2-methyl-2-propenoate, 2-propenoic acid and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate, acetate	Industry Public R&D	Adhesive and sealant products (2) Construction products (2) Automotive care products (1) Paint and coating products (1)
1132688-18-6	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with 4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluoro-1,2-nonanediol	Industry	Cleaning and furniture care products (1) Paint and coating products (1)
1334163-54-0	2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, 2-methylpropyl 2-methyl-2-propenoate, 2-propenoic acid and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate, tert-Bu 2-ethylhexaneperoxoate-initiated	Industry	Construction products (2) Paint and coating products (2)
1374418-39-9	2-Propenoic acid, reaction products with acetic acid (gamma-.omega.-perfluoro-C8-10-alkyl) thio derivs. Bu esters and polyethylenimine	Industry	Firefighting foams/liquids (1)
1793072-86-2	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with hexadecyl 2-propenoate, octadecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate	Industry Public	Apparel and footwear care products (3) Paint and coating products (3) Adhesive and sealant products (1) Arts, crafts and hobby products (1) Construction products (1) Fabric, textile and leather products (1)
1793073-25-2	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with hexadecyl 2-methyl-2-propenoate, .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl), octadecyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate	Industry	Automotive care products (1) Cleaning and furniture care products (1) Construction products (1)
1881248-50-5	2-Propenoic acid, 2-methyl-, C16-18-alkyl esters, polymers with 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl methacrylate, 1,1-dimethylpropyl 2-ethylhexaneperoxoate-initiated	Industry	Explosive products (1)

Table 18 – Number of introduction reports by volume band for the 91 PFAS introduced for industry or public end use during 1 September 2023 to 31 August 2025. Excludes introduction reports for research and development (R&D) only.

CAS number	Chemical name	0–10 kg	11–100 kg	101–1,000 kg	1001–10,000 kg	> 10,000 kg	Total
9002-84-0	Ethene, tetrafluoro-, homopolymer	75	34	40	24	6	179
811-97-2	Ethane, 1,1,1,2-tetrafluoro-	6	8	11	4	7	36
9011-17-0	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene	9	7	9	5	-	30
98-56-6	Benzene, 1-chloro-4-(trifluoromethyl)-	9	7	5	7	1	29
29118-24-9	1-Propene, 1,3,3,3-tetrafluoro-, (1E)-	10	9	5	2	1	27
63148-56-1	Siloxanes and silicones, methyl 3,3,3-trifluoropropyl	17	7	1	2	-	27
163702-08-7	Propane, 2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoro-	19	4	-	-	1	24
69991-67-9	1-Propene, 1,1,2,3,3,3-hexafluoro-, oxidized, polymerized	13	6	3	1	-	23
24937-79-9	Ethene, 1,1-difluoro-, homopolymer	13	2	5	1	1	22
60164-51-4	Poly[oxy(trifluoro(trifluoromethyl)-1,2-ethanediyl)], .alpha.-(pentafluoroethyl)-.omega.-[tetrafluoro(trifluoromethyl)ethoxy]-	16	1	2	1	-	20
163702-07-6	1-methoxy 1,1,2,2,3,3,3,4,4,4-nonafluorobutane	15	4	-	-	1	20
68134-22-5	Butanamide, N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-oxo-2-[[2-(trifluoromethyl)phenyl]azo]-	10	-	3	2	4	19
69991-61-3	Ethene, tetrafluoro-, oxidized, polymerized	11	4	-	-	-	15
354-33-6	Ethane, 1,1,1,2,2-pentafluoro-	1	3	2	2	3	11
754-12-1	1-Propene, 2,3,3,3-tetrafluoro-	1	-	5	2	3	11
51851-37-7	Silane, triethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)-	7	2	-	1	-	10
102687-65-0	1-Propene, 1-chloro-3,3,3-trifluoro-, (1E)-	3	2	-	2	3	10
25067-11-2	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1,2,2-tetrafluoroethene	2	2	5	-	-	9
1793072-86-2	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with hexadecyl 2-propenoate, octadecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate	1	3	4	1	-	9
86508-42-1	Perfluoro compounds, C5-18	6	1	-	1	-	8
52550-44-4	Poly(oxy-1,2-ethanediyl), .alpha.-(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)-.omega.-hydroxy-	2	3	2	-	-	7
647-42-7	1-Octanol, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-	5	1	-	-	-	6
2374-14-3	Cyclotrisiloxane, 2,4,6-trimethyl-2,4,6-tris(3,3,3-trifluoropropyl)-	5	1	-	-	-	6
26655-00-5	Propane, 1,1,1,2,2,3,3-heptafluoro-3-[(trifluoroethyl)oxy]-, polymer with tetrafluoroethene	2	1	2	1	-	6
115340-95-9	Siloxanes and silicones, dimethyl, methyl 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl	4	-	-	2	-	6
138495-42-8	Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro-	4	2	-	-	-	6

CAS number	Chemical name	0–10 kg	11–100 kg	101–1,000 kg	1001–10,000 kg	> 10,000 kg	Total
1017237-78-3	2-Propenoic acid, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl ester, telomer with 3-mercapto-1,2-propanediol, polymer with 2-methyloxirane polymer with oxirane di-2-propenoate, and 2-methyloxirane polymer with oxirane mono-2-propenoate, tert-Bu 2-ethylhexaneperoxoate-initiated	5	1	-	-	-	6
307-24-4	Hexanoic acid, undecafluoro-	2	2	-	1	-	5
79953-85-8	Benzamide, 3,3'-[(2-chloro-5-methyl-1,4-phenylene)bis[imino(1-acetyl-2-oxo-2,1-ethanediyl)-2,1-diazenediyl]]bis[4-chloro-N-[2-(4-chlorophenoxy)-5-(trifluoromethyl)phenyl]-	4	-	1	-	-	5
355-42-0	Hexane, tetradecafluoro-	4	-	-	-	-	4
420-46-2	Ethane, 1,1,1-trifluoro-	-	2	-	2	-	4
756-13-8	1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone	-	1	2	1	-	4
25190-89-0	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene and tetrafluoroethene	1	-	3	-	-	4
34455-29-3	1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[[[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)sulfonyl]amino]-, hydroxide, inner salt	1	1	-	2	-	4
1017237-71-6	Propanoic acid, 2,3,3,3-tetrafluoro-2-(trifluoromethyl)-, 1,1'-anhydride, reaction products with di-Et sulfate and potassium fluoride	1	1	2	-	-	4
1071022-26-8	2-Propenoic acid, 2-methyl-, polymer with 2-(diethylamino)ethyl 2-methyl-2-propenoate, 2-propenoic acid and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate, acetate	-	-	3	1	-	4
1334163-54-0	2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, 2-methylpropyl 2-methyl-2-propenoate, 2-propenoic acid and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate, tert-Bu 2-ethylhexaneperoxoate-initiated	-	2	1	1	-	4
88-16-4	Benzene, 1-chloro-2-(trifluoromethyl)-	3	-	-	-	-	3
429-67-4	Cyclotetrasiloxane, 2,4,6,8-tetramethyl-2,4,6,8-tetrakis(3,3,3-trifluoropropyl)-	3	-	-	-	-	3
29420-49-3	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, potassium salt	3	-	-	-	-	3
52238-92-3	2-Naphthalenecarboxamide, N,N'-(2,5-dichloro-1,4-phenylene)bis[4-[[[2-chloro-5-(trifluoromethyl)phenyl]azo]-3-hydroxy-	3	-	-	-	-	3
65530-85-0	Poly(difluoromethylene), .alpha.-(cyclohexylmethyl)-.omega.-hydro-	3	-	-	-	-	3
68607-77-2	Siloxanes and silicones, methyl-3,3,3-trifluoropropyl, hydroxy terminated	2	1	-	-	-	3
88795-12-4	1-Butanol, 4-(ethenyloxy)-, polymer with chlorotrifluoroethene, (ethenyloxy)cyclohexane and ethoxyethene	1	2	-	-	-	3
76-05-1	Acetic acid, trifluoro-	1	-	1	-	-	2
335-57-9	Heptane, hexadecafluoro-	1	-	-	1	-	2

CAS number	Chemical name	0–10 kg	11–100 kg	101–1,000 kg	1001–10,000 kg	> 10,000 kg	Total
352-87-4	2-Propenoic acid, 2-methyl-, 2,2,2-trifluoroethyl ester	2	-	-	-	-	2
460-73-1	1,1,1,3,3-Pentafluoropropane	1	-	1	-	-	2
692-49-9	2-Butene, 1,1,1,4,4,4-hexafluoro-, (2Z)-	1	-	-	1	-	2
1478-61-1	Phenol, 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethyldiene]bis-	-	2	-	-	-	2
9002-83-9	Ethene, chlorotrifluoro-, homopolymer	1	1	-	-	-	2
27029-05-6	1-Propene, polymer with tetrafluoroethene	2	-	-	-	-	2
34454-97-2	1-Butanesulfonamide, 1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methyl-	2	-	-	-	-	2
65530-63-4	Ethanol, 2,2'-iminobis-, compd. with .alpha.-fluoro-.omega.-[2-(phosphonooxy)ethyl]poly(difluoromethylene) (2:1)	-	1	1	-	-	2
65530-64-5	Ethanol, 2,2'-iminobis-, compd. with .alpha.,.alpha.'-[phosphinobis(oxy-2,1-ethanediyl)]bis[.omega.-fluoropoly(difluoromethylene)] (1:1)	-	1	1	-	-	2
67584-42-3	Cyclohexanesulfonic acid, decafluoro(pentafluoroethyl)-, potassium salt	1	1	-	-	-	2
68258-85-5	1-Hexene, 3,3,4,4,5,5,6,6,6-nonafluoro-, polymer with ethene and tetrafluoroethene	1	-	1	-	-	2
68412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivatives	1	1	-	-	-	2
68412-69-1	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivatives	-	2	-	-	-	2
68952-02-3	Siloxanes and silicones, methyl 3,3,3-trifluoropropyl, methyl vinyl, hydroxy terminated	1	1	-	-	-	2
119275-52-4	Polysiloxanes, di-Me, Me trifluoropropyl, hydroxy-terminated	-	-	2	-	-	2
75-89-8	Ethanol, 2,2,2-trifluoro-	1	-	-	-	-	1
76-37-9	1-Propanol, 2,2,3,3-tetrafluoro-	-	-	-	1	-	1
98-16-8	Benzenamine, 3-(trifluoromethyl)-	-	1	-	-	-	1
306-91-2	Phenanthrene, tetracosafuorotetradecahydro-	1	-	-	-	-	1
328-84-7	Benzene, 1,2-dichloro-4-(trifluoromethyl)-	1	-	-	-	-	1
355-63-5	1-Heptene, 1,1,2,3,3,4,4,5,5,6,6,7,7,7-tetradecafluoro-	1	-	-	-	-	1
355-93-1	2-Propenoic acid, 2-methyl-, 2,2,3,3,4,4,5,5-octafluoropentyl ester	-	1	-	-	-	1
358-23-6	Methanesulfonic acid, trifluoro-, anhydride	1	-	-	-	-	1
375-22-4	Butanoic acid, heptafluoro-	1	-	-	-	-	1
375-73-5	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-	1	-	-	-	-	1
406-58-6	Butane, 1,1,1,3,3-pentafluoro-	1	-	-	-	-	1
422-64-0	Propanoic acid, pentafluoro-	1	-	-	-	-	1
429-60-7	Silane, trimethoxy(3,3,3-trifluoropropyl)-	-	1	-	-	-	1
431-89-0	Propane, 1,1,1,2,3,3,3-heptafluoro-	-	-	1	-	-	1
677-21-4	1-Propene, 3,3,3-trifluoro-	1	-	-	-	-	1
2706-90-3	Pentanoic acid, nonafluoro-	1	-	-	-	-	1
25038-71-5	Ethene, tetrafluoro-, polymer with ethene	1	-	-	-	-	1
31506-32-8	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-hepta decafluoro-N-methyl-	-	-	1	-	-	1
60933-18-8	Methanesulfonic acid, trifluoro-, compound with N-ethylethanamine (1:1)	-	1	-	-	-	1

CAS number	Chemical name	0–10 kg	11–100 kg	101–1,000 kg	1001–10,000 kg	> 10,000 kg	Total
65059-79-2	1-Butene, 4-bromo-3,3,4,4-tetrafluoro-, polymer with 1,1-difluoroethene, tetrafluoroethene and trifluoro(trifluoromethoxy)ethene	1	-	-	-	-	1
73772-32-4	1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl][(tridecafluoroheptyl)sulfonyl]amino]-2-hydroxy-, monosodium salt	-	1	-	-	-	1
75768-65-9	Phosphonium, triphenyl(phenylmethyl)-, salt with 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylene]bis[phenol] (1:1)	1	-	-	-	-	1
115340-92-6	Siloxanes and silicones, dimethyl, methyl 3-(1,1,2,2-tetrafluoroethoxy)propyl	-	1	-	-	-	1
162492-15-1	Ethene, 1,1,2,2-tetrafluoro-, oxidized, polymd., reduced, Me esters, reduced, ethoxylated	-	-	1	-	-	1
459415-06-6	2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with butyl 2-propenoate and 2,5-furandione, .gamma.-.omega.-perfluoro-C8-14-alkyl esters, tert-Bu benzenecarboperoxoate-initiated	1	-	-	-	-	1
753501-43-8	Boron, trifluoro(tetrahydrofuran)-, (T-4)-, polymer with .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) and 3-methyl-3-[(2,2,3,3,3-pentafluoropropoxy)methyl]oxetane	1	-	-	-	-	1
1132688-18-6	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with 4,4,5,5,6,6,7,7,8,8,9,9-tridecafluoro-1,2-nonanediol	-	-	1	-	-	1
1374418-39-9	2-Propenoic acid, reaction products with acetic acid (.gamma.-.omega.-perfluoro-C8-10-alkyl) thio derivs. Bu esters and polyethylenimine	-	1	-	-	-	1
1793073-25-2	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with hexadecyl 2-methyl-2-propenoate, .alpha.-(2-methyl-1-oxo-2-propen-1-yl) -.omega.-hydroxypoly(oxy-1,2-ethanediyl), octadecyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate	-	-	-	1	-	1
1881248-50-5	2-Propenoic acid, 2-methyl-, C16-18-alkyl esters, polymers with 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl methacrylate, 1,1-dimethylpropyl 2-ethylhexaneperoxoate-initiated	-	-	-	1	-	1

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