

# 列管毒性化學物質及其運作管理事項公告事項第一項及第二項附表二、第三項附表三、第四項附表四修正總說明

列管毒性化學物質及其運作管理事項（以下簡稱本公告）於九十六年公告訂定，歷經十五次修正，最近一次修正為一百十三年四月二十四日。為配合聯合國持久性有機污染物斯德哥爾摩公約管理趨勢，增列全氟辛烷磺酸鹽類與相關化合物及全氟辛酸鹽類與相關化合物為毒性化學物質，訂定管制濃度及分級運作量，並調整得使用用途適用範圍。另因應歐盟限制壬基酚（壬酚）及壬基酚聚乙氧基醇應用於可能造成環境危害風險相關用途，包括工業及機構用清潔劑、紡織品和皮革製品處理、農業用乳化劑、金屬加工、紙漿和紙張之製造等，爰配合修正壬基酚及壬基酚聚乙氧基醇禁止運作事項及得使用用途。其修正要點如下：

- 一、修正壬基酚及壬基酚聚乙氧基醇毒性分類及增列化學文摘社登記號碼，與新增全氟辛烷磺酸鹽類與相關化合物及全氟辛酸鹽類與相關化合物為毒性化學物質，並調整毒性分類（修正公告事項第一項附表一）
- 二、增列壬基酚及壬基酚聚乙氧基醇禁止運作事項（修正公告事項第二項附表二）
- 三、修正壬基酚及壬基酚聚乙氧基醇，與增列全氟辛烷磺酸鹽類與相關化合物及全氟辛酸鹽類與相關化合物得使用用途（修正公告事項第三項附表三）
- 四、增列壬基酚及壬基酚聚乙氧基醇、全氟辛烷磺酸及其鹽類與相關化合物、全氟辛酸及其鹽類與相關化合物之應於規定期限完成相關事項一覽表（修正公告事項第四項附表四）

# 列管毒性化學物質及其運作管理事項公告事項第一項修正公告對照表

修正公告	現行公告	說明
<p>主旨：修正「列管毒性化學物質及其運作管理事項」公告事項第一項及第二項附表二、第三項附表三、第四項附表四，除另定生效日期者外，自即日生效。</p>	<p>主旨：修正「列管毒性化學物質及其運作管理事項」公告事項第一項及第二項附表二、第三項附表三、第四項附表四，<u>並自即日生效。</u></p>	<p>公告名稱及生效日期。</p>
<p>依據：毒性及關注化學物質管理法第八條、第十一條及第四十四條第四項。</p>	<p>依據：毒性及關注化學物質管理法第八條、第十一條及第四十四條第四項。</p>	<p>法源依據未修正。</p>
<p>公告事項： 一、公告毒性化學物質及其管制濃度與分級運作量如附表一及附件一<u>至附件三</u>。本公告所稱毒性化學物質指附表一<u>所列化學物質重量百分比含量達管制濃度以上之物質。</u></p>	<p>公告事項： 一、公告毒性化學物質及其管制濃度與分級運作量如附表一及附件一。本公告所稱毒性化學物質指附表一<u>所列化學物質重量百分比含量達管制濃度以上之物質。</u></p>	<p>為使本公告列管範疇一致，配合斯德哥爾摩公約管制全氟烷基類化合物，增列全氟辛烷磺酸鹽類與相關化合物為第一、二、四類毒性化學物質，以及全氟辛酸鹽類與相關化合物列為第一、二、四類毒性化學物質，且管制濃度為全濃度，爰修正附表一，並為利業者逐項辨識及確認，配合新增附件二正面表列八種全氟辛烷磺酸及其鹽類與相關化合物，及附件三正面表列三百五十三種全氟辛酸及其鹽類與相關化合物。</p>

公告事項第一項附表一修正對照表

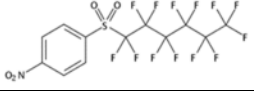
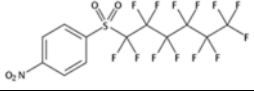
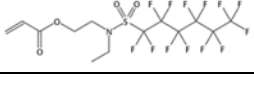
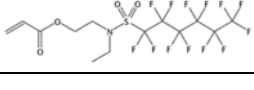
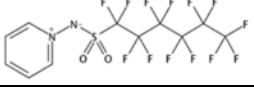
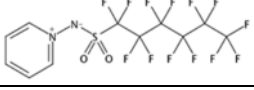
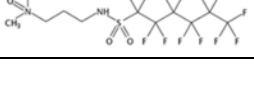
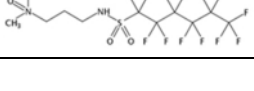
修正規定										現行規定										說明
附表一 公告毒性化學物質及其管制濃度與分級運作量一覽表										附表一 公告毒性化學物質及其管制濃度與分級運作量一覽表										一、參考歐盟化學品登錄、評估、授權及限制規章 (Regulation of Registration, Evaluation, Authorization and Restriction of Chemicals, REACH) 附錄十七項目四十六 (Annex XVII, Entry 46), 修正壬基酚 (壬基醇) 及壬基醇聚乙氧基醇管制濃度為 0.1%。 二、因應毒理資料更新及本法第四類毒性化學物質定義調整, 考量壬基醇及壬基醇聚乙氧基醇內分泌干擾素性質明確, 調整壬基醇及壬基醇聚乙氧基醇毒性分類。 三、參考歐盟 REACH 及美國毒性物質管理法 (Toxic Substances Control Act, TSCA) 壬基醇及壬基醇聚乙氧基醇化學文摘社登記號碼認列清單, 分別新增壬基醇及壬基醇聚乙氧基醇十二個及二十八個化學文摘社登記號碼, 以促進物質辨識。 四、因應斯德哥爾摩公約 (Stockholm Convention), 考量此類全氟烷基化合物具不易分解及生物濃縮特性, 為持久性有機污染物, 並與其他已納管全氟烷基化合物具類似毒理特性及應用用途, 將
列管編號註1 Listed No.	序號註1 Series No.	中文名稱註2 Chinese Name	英文名稱註2 English Name	分子式註2 Chemical Formula	化學文摘社登記號碼 CAS No.	管制濃度註3 control concentration standard %	分級運作量註4 graded handling quantity (公斤)	毒性分類註5 Toxicity Classify	公告日期	列管編號註1 Listed No.	序號註1 Series No.	中文名稱註2 Chinese Name	英文名稱註2 English Name	分子式註2 Chemical Formula	化學文摘社登記號碼 CAS No.	管制濃度註3 control concentration standard %	分級運作量註4 graded handling quantity (公斤)	毒性分類註5 Toxicity Classify	公告日期	
003	01	石棉	Asbestos	5.5FeO, 1.5MgO, 8SiO <sub>2</sub> , H <sub>2</sub> O	1332-21-4	1 <sup>註6</sup>	500	2	78.05.01 80.02.27 85.10.17 86.02.26 87.07.07 87.12.01 88.07.19 88.12.24 89.10.25 94.12.30 98.07.31 101.02.02 102.01.24 106.05.10	003	01	石棉	Asbestos	5.5FeO, 1.5MgO, 8SiO <sub>2</sub> , H <sub>2</sub> O	1332-21-4	1 <sup>註7</sup>	500	2	78.05.01 80.02.27 85.10.17 86.02.26 87.07.07 87.12.01 88.07.19 88.12.24 89.10.25 94.12.30 98.07.31 101.02.02 102.01.24 106.05.10	
074	01	二異氰酸甲苯 <sup>註7</sup>	Toluene diisocyanate (mixed isomers) Toluene-2,4-diisocyanate	C <sub>9</sub> H <sub>6</sub> O <sub>2</sub> N <sub>2</sub> C <sub>6</sub> H <sub>3</sub> C H <sub>3</sub> (NCO) <sub>2</sub>	26471-62-5 584-84-9	1	500	3	88.08.16 88.12.24 89.10.25 103.08.25	074	01	二異氰酸甲苯	Toluene diisocyanate (mixed isomers) Toluene-2,4-diisocyanate	C <sub>9</sub> H <sub>6</sub> O <sub>2</sub> N <sub>2</sub> C <sub>6</sub> H <sub>3</sub> C H <sub>3</sub> (NCO) <sub>2</sub>	26471-62-5 584-84-9	1	500	3	88.08.16 88.12.24 89.10.25 103.08.25	
165	01	壬基酚 (壬基醇)	Nonyl phenol	C <sub>6</sub> H <sub>4</sub> (OH)C <sub>9</sub> H <sub>19</sub>	25154-52-3 84852-15-3 104-40-5 11066-49-2 142731-63-3 17404-66-9 186825-36-5 186825-39-8 26543-97-5 30784-30-6 521947-27-3 52427-13-1	0.1	50	1,3,4	96.12.17 98.07.31 104.12.31 114.0.0	165	01	壬基酚 (壬基醇)	Nonyl phenol	C <sub>6</sub> H <sub>4</sub> (OH)C <sub>9</sub> H <sub>19</sub>	25154-52-3 84852-15-3	5	50	1	96.12.17 98.07.31 104.12.31	
165	02	壬基醇聚乙氧基醇	Nonyl phenol polyethylene glycol ether	(C <sub>2</sub> H <sub>4</sub> O) <sub>n</sub> C <sub>15</sub> H <sub>24</sub> O	9016-45-9 26027-38-3	5	50	1	96.12.17 98.07.31 104.12.31	165	02	壬基醇聚乙氧基醇	Nonyl phenol polyethylene glycol ether	(C <sub>2</sub> H <sub>4</sub> O) <sub>n</sub> C <sub>15</sub> H <sub>24</sub> O	9016-45-9 26027-38-3	5	50	1	96.12.17 98.07.31 104.12.31	
169	01	全氟辛烷磺酸	Perfluorooctane sulfonic acid	C <sub>8</sub> HF <sub>17</sub> O <sub>3</sub> S	1763-23-1	全濃度 <sup>註8</sup>	50	1,2	99.12.24 107.06.28 109.09.08 113.04.24	169	01	全氟辛烷磺酸	Perfluorooctane sulfonic acid	C <sub>8</sub> HF <sub>17</sub> O <sub>3</sub> S	1763-23-1	全濃度 <sup>註8</sup>	50	1,2	99.12.24 107.06.28 109.09.08 113.04.24	

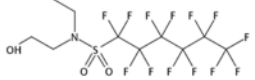

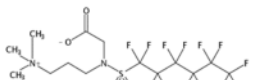
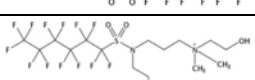
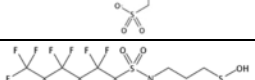
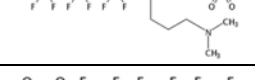




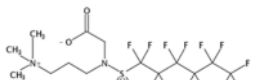
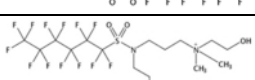
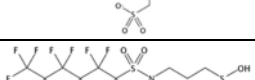
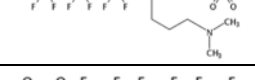
- 2.本表以化學文摘社登記號碼、中文名稱、英文名稱及分子式綜合判斷。
- 3.管制濃度：
- 例1：「苯」表示含苯70%以上(含70%)者。
- 例2：「氰化鈉」表示含氰離子達1%以上(含1%)者。
- 例3：「多氯聯苯」表示含多氯聯苯0.1%(1,000 ppm)以上(含0.1%)者。
- 4.分級運作量：鍍槽之鍍液、金屬表面處理槽之表面處理液及乾洗機器內循環使用中之四氯乙烯，不計入分級運作量。
- 例1：含六價鉻達1%以上(含1%)三氧化鉻運作總量(不含鍍槽之鍍液)低於500公斤(不含500公斤)者，運作量低於分級運作量。
- 例2：含氰離子達1%以上(含1%)氰化鈉運作總量(不含鍍槽之鍍液)低於500公斤(不含500公斤)者，運作量低於分級運作量。
- 5.毒性分類：「1」表第一類毒性化學物質，「2」表第二類毒性化學物質，「3」表第三類毒性化學物質，「4」表第四類毒性化學物質。
- 6.石綿管制濃度為纖維狀、細絲狀或絨毛狀石綿含量達1%以上(含1%)者。
- 7.在攝氏25度以下恆溫製程處理中之二異氰酸甲苯(其管制濃度計算以2,4-二異氰酸甲苯為主)，其5公噸以下數量均計為使用量。
- 8.物質或混合物所含全氟及多氟烷基物質，其濃度符合下列規定，且非屬故意添加者，不受本法管制：
- (1)全氟辛烷磺酸及其鹽類與相關化合物總濃度未超過 10 mg/kg。
  - (2)全氟辛酸及其鹽類個別未超過 0.025 mg/kg。
  - (3)全氟辛酸相關化合物總濃度未超過 1 mg/kg。
  - (4)全氟己烷磺酸及其鹽類個別未超過 0.025 mg/kg。
  - (5)全氟己烷磺酸相關化合物總濃度未超過 1 mg/kg。

公告事項第一項附件一修正對照表

修正規定				現行規定				說	明
附件一 全氟己烷磺酸及其鹽類與相關化合物				附件一 全氟己烷磺酸及其鹽類與相關化合物				本附件未修正。	
項次 Item	英文名稱 English Name	化學文摘社 登記號碼 CAS No.	結構式 structural formula	項次 Item	英文名稱 English Name	化學文摘社 登記號碼 CAS No.	結構式 structural formula		
1	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-; Perfluorohexanesulfonic acid (PFHxS)	355-46-4		1	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-; Perfluorohexanesulfonic acid (PFHxS)	355-46-4			
2	1-Hexanesulfonyl bromide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	111393-39-6		2	1-Hexanesulfonyl bromide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	111393-39-6			
3	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N,N-dimethyl-	1270179-82-2		3	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N,N-dimethyl-	1270179-82-2			
4	1-Hexanesulfonamide, N,N-diethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	1270179-93-5		4	1-Hexanesulfonamide, N,N-diethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	1270179-93-5			
5	2-Propenoic acid, 2-methyl-, polymers with Bu methacrylate, lauryl methacrylate and 2-[methyl(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl methacrylate	127133-66-8		5	2-Propenoic acid, 2-methyl-, polymers with Bu methacrylate, lauryl methacrylate and 2-[methyl(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl methacrylate	127133-66-8			
6	Sulfonamides, C4-8-alkane, perfluoro, N-methyl-N-(2-oxiranylmethyl)	129813-71-4		6	Sulfonamides, C4-8-alkane, perfluoro, N-methyl-N-(2-oxiranylmethyl)	129813-71-4			
7	β-Alanine, N-[3-(dimethylamino)propyl]-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	141607-32-1		7	β-Alanine, N-[3-(dimethylamino)propyl]-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	141607-32-1			
8	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-methyl-	1427176-17-7		8	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-methyl-	1427176-17-7			
9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N,N-bis(2-methoxyethyl)-	1427176-20-2		9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N,N-bis(2-methoxyethyl)-	1427176-20-2			
10	Benzenamine, 4-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	147029-28-5		10	Benzenamine, 4-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	147029-28-5			
11	Fatty acids, C18-unsatd., trimers, 2-[methyl(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl esters	148240-80-6		11	Fatty acids, C18-unsatd., trimers, 2-[methyl(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl esters	148240-80-6			
12	Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with 1,6-diisocyanatohexane homopolymer and ethylene glycol	148684-79-1		12	Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with 1,6-diisocyanatohexane homopolymer and ethylene glycol	148684-79-1			
13	Benzene, 1-fluoro-4-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	149652-30-2		13	Benzene, 1-fluoro-4-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	149652-30-2			
14	Benzoic acid, 2,3,4,5-tetrachloro-6-[[3-(hydroxyphenyl)amino]carbonyl]-, perfluoro-C6-8-alkanesulfonates (esters), monopotassium salts	160305-97-5		14	Benzoic acid, 2,3,4,5-tetrachloro-6-[[3-(hydroxyphenyl)amino]carbonyl]-, perfluoro-C6-8-alkanesulfonates (esters), monopotassium salts	160305-97-5			
15	2-Propenoic acid, butyl ester, polymers with 2-[methyl(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate	160336-17-4		15	2-Propenoic acid, butyl ester, polymers with 2-[methyl(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate	160336-17-4			
16	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 2-ethyl-1-hexanol and polymethylenepolyphenylene isocyanate	160901-25-7		16	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 2-ethyl-1-hexanol and polymethylenepolyphenylene isocyanate	160901-25-7			
17	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 2-ethyl-1-hexanol, Me Et ketone oxime and polymethylenepolyphenylene isocyanate	160901-26-8		17	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 2-ethyl-1-hexanol, Me Et ketone oxime and polymethylenepolyphenylene isocyanate	160901-26-8			

18	Fatty acids, C18-unsatd., trimers, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl esters	161074-58-4		18	Fatty acids, C18-unsatd., trimers, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl esters	161074-58-4	
19	Sulfonamides, C4-8-alkane, perfluoro, N-(3-chloro-2-hydroxypropyl)-N-methyl	1645842-67-6		19	Sulfonamides, C4-8-alkane, perfluoro, N-(3-chloro-2-hydroxypropyl)-N-methyl	1645842-67-6	
20	Sulfonamides, C7-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 1,3-bis(isocyanatomethyl)benzene and N-butyl-1-butanamine	1645850-46-9		20	Sulfonamides, C7-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 1,3-bis(isocyanatomethyl)benzene and N-butyl-1-butanamine	1645850-46-9	
21	Sulfonamides, C7-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 1,3-bis(isocyanatomethyl)benzene	1645852-09-0		21	Sulfonamides, C7-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 1,3-bis(isocyanatomethyl)benzene	1645852-09-0	
22	Siloxanes and Silicones, di-Me, Bu group- and 3-[(2-methyl-1-oxo-2-propen-1-yl)oxy]propyl group-terminated, telomers with acrylic acid, di-Me, Me 3-mercaptopropyl siloxanes, Me acrylate, Me methacrylate and 2-[methyl[(perfluoro-c4-8-alkyl)sulfonyl]amino]ethyl acrylate, 2,2'-(1,2-diazenediyl)bis[2-methylpropanenitrile]-initiated	1645852-10-3		22	Siloxanes and Silicones, di-Me, Bu group- and 3-[(2-methyl-1-oxo-2-propen-1-yl)oxy]propyl group-terminated, telomers with acrylic acid, di-Me, Me 3-mercaptopropyl siloxanes, Me acrylate, Me methacrylate and 2-[methyl[(perfluoro-c4-8-alkyl)sulfonyl]amino]ethyl acrylate, 2,2'-(1,2-diazenediyl)bis[2-methylpropanenitrile]-initiated	1645852-10-3	
23	2-Propenoic acid, polymers with lauryl acrylate and 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate	1648534-82-0		23	2-Propenoic acid, polymers with lauryl acrylate and 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate	1648534-82-0	
24	Poly(oxy-1,2-ethanediy), $\alpha$ -[2-(methylamino)ethyl]- $\omega$ -hydroxy-, N-[(perfluoro-C4-8-alkyl)sulfonyl] derivs., C12-16-alkyl ethers	1648539-69-8		24	Poly(oxy-1,2-ethanediy), $\alpha$ -[2-(methylamino)ethyl]- $\omega$ -hydroxy-, N-[(perfluoro-C4-8-alkyl)sulfonyl] derivs., C12-16-alkyl ethers	1648539-69-8	
25	2-Propenoic acid, 2-(methylamino)ethyl ester, N-[(perfluoro-C4-8-alkyl)sulfonyl] derivs., polymers with propene	1648540-20-8		25	2-Propenoic acid, 2-(methylamino)ethyl ester, N-[(perfluoro-C4-8-alkyl)sulfonyl] derivs., polymers with propene	1648540-20-8	
26	Benzene, 1-nitro-4-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	171561-95-8		26	Benzene, 1-nitro-4-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	171561-95-8	
27	1-Hexanesulfonamide, N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, potassium salt (1:1)	178094-71-8		27	1-Hexanesulfonamide, N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, potassium salt (1:1)	178094-71-8	
28	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), polymers with 1,1'-methylenebis[4-isocyanatobenzene] and polymethylenepolyphenylene isocyanate, 2-ethylhexyl esters, Me Et ketone oxime-blocked	178535-22-3		28	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), polymers with 1,1'-methylenebis[4-isocyanatobenzene] and polymethylenepolyphenylene isocyanate, 2-ethylhexyl esters, Me Et ketone oxime-blocked	178535-22-3	
29	Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethyloxidoamino)propyl], potassium salts	179005-06-2		29	Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethyloxidoamino)propyl], potassium salts	179005-06-2	
30	Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethyloxidoamino)propyl]	179005-07-3		30	Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethyloxidoamino)propyl]	179005-07-3	
31	2-Propenoic acid, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	1893-52-3		31	2-Propenoic acid, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	1893-52-3	
32	Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethylamino)propyl], reaction products with acrylic acid	192662-29-6		32	Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethylamino)propyl], reaction products with acrylic acid	192662-29-6	
33	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with poly(Bu acrylate) and polyethylene-polypropylene glycol mono-Bu ether	222716-67-8		33	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with poly(Bu acrylate) and polyethylene-polypropylene glycol mono-Bu ether	222716-67-8	
34	Pyridinium, 1-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, inner salt	254889-10-6		34	Pyridinium, 1-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, inner salt	254889-10-6	
35	1-Hexanesulfonamide, N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	30295-56-8		35	1-Hexanesulfonamide, N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	30295-56-8	
36	Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with 12-hydroxyoctadecanoic acid and 2,4-TDI, ammonium salts	306973-47-7		36	Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with 12-hydroxyoctadecanoic acid and 2,4-TDI, ammonium salts	306973-47-7	
37	Sulfonamides, C4-8-alkane, perfluoro, N-methyl-N-[(3-octadecyl-2-oxo-5-oxazolidinyl)methyl]	306974-19-6		37	Sulfonamides, C4-8-alkane, perfluoro, N-methyl-N-[(3-octadecyl-2-oxo-5-oxazolidinyl)methyl]	306974-19-6	
38	Siloxanes and Silicones, di-Me, mono[3-[(2-methyl-1-oxo-2-propen-1-yl)oxy]propyl group]-terminated, polymers with 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and stearyl methacrylate	306974-28-7		38	Siloxanes and Silicones, di-Me, mono[3-[(2-methyl-1-oxo-2-propen-1-yl)oxy]propyl group]-terminated, polymers with 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and stearyl methacrylate	306974-28-7	
39	Sulfonic acids, C6-8-alkane, perfluoro, compds. with polyethylene-polypropylene glycol bis(2-aminopropyl) ether	306974-45-8		39	Sulfonic acids, C6-8-alkane, perfluoro, compds. with polyethylene-polypropylene glycol bis(2-aminopropyl) ether	306974-45-8	
40	Fatty acids, C18-unsatd., dimers, 2-[methyl[(perfluoro-C4-8-	306974-63-0		40	Fatty acids, C18-unsatd., dimers, 2-[methyl[(perfluoro-C4-8-	306974-63-0	

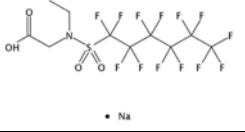
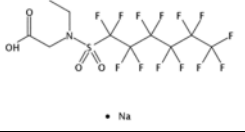


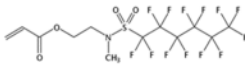
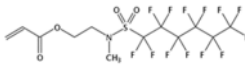
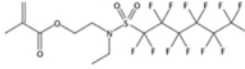
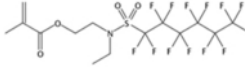
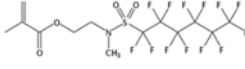
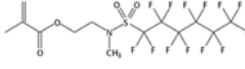
	alkyl)sulfonyl]amino]ethyl esters		
41	2-Propenoic acid, 2-methyl-, dodecyl ester, polymers with 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and vinylidene chloride	306975-62-2	
42	Poly(oxy-1,2-ethanediyl), $\alpha$ -hydro- $\omega$ -hydroxy-, polymer with 1,6-diisocyanatohexane, N-(hydroxyethyl)-N-methylperfluoro-C4-8-alkanesulfonamides-blocked	306975-84-8	
43	2-Propenoic acid, 2-methyl-, dodecyl ester, polymers with N-(hydroxymethyl)-2-propenamide, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl methacrylate, stearyl methacrylate and vinylidene chloride	306975-85-9	
44	1-Hexadecanaminium, N,N-dimethyl-N-[2-[(2-methyl-1-oxo-propen-1-yl)oxy]ethyl]-, bromide (1:1), polymers with Bu acrylate, Bu methacrylate and 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate	306976-25-0	
45	2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with 2,4-diisocyanato-1-methylbenzene, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and 2-propenoic acid, N-ethyl-N-(hydroxyethyl)perfluoro-C4-8-alkanesulfonamides-blocked	306976-55-6	
46	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, telomer with 2-[ethyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl methacrylate and 1-octanethiol, N-oxides	306977-10-6	
47	2-Propenoic acid, 2-methyl-, 3-(trimethoxysilyl)propyl ester, polymers with acrylic acid, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and propylene glycol monoacrylate, hydrolyzed, compds. with 2,2'-(methylimino)bis[ethanol]	306977-58-2	
48	2-Propenoic acid, butyl ester, polymers with acrylamide, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and vinylidene chloride	306978-04-1	
49	Hexane, 1,6-diisocyanato-, homopolymer, N-(hydroxyethyl)-N-methylperfluoro-C4-8-alkanesulfonamides- and stearyl alc.-blocked	306978-65-4	
50	Poly(oxy-1,2-ethanediyl), $\alpha$ -[2-(methylamino)ethyl]- $\omega$ -[(1,1,3,3-tetramethylbutyl)phenoxy]-, N-[(perfluoro-C4-8-alkyl)sulfonyl] derivs.	306979-40-8	
51	Sulfonamides, C4-8-alkane, perfluoro, N,N'-[1,6-hexanediy]bis[(2-oxo-3,5-oxazolidinediyl)methylene]]bis[N-methyl-	306980-27-8	
52	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-	34455-03-3	
53	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, potassium salt (1:1)	3871-99-6	
54	1-Propanaminium, 3-[(carboxymethyl)[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-N,N,N-trimethyl-, inner salt	38850-52-1	
55	1-Propanaminium, N-(2-hydroxyethyl)-N,N-dimethyl-3-[(3-sulfopropyl)[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, inner salt	38850-58-7	
56	1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl][[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-	38850-60-1	
57	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	41997-13-1	

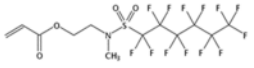
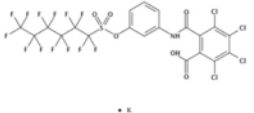
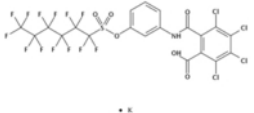
	alkyl)sulfonyl]amino]ethyl esters		
41	2-Propenoic acid, 2-methyl-, dodecyl ester, polymers with 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and vinylidene chloride	306975-62-2	
42	Poly(oxy-1,2-ethanediyl), $\alpha$ -hydro- $\omega$ -hydroxy-, polymer with 1,6-diisocyanatohexane, N-(hydroxyethyl)-N-methylperfluoro-C4-8-alkanesulfonamides-blocked	306975-84-8	
43	2-Propenoic acid, 2-methyl-, dodecyl ester, polymers with N-(hydroxymethyl)-2-propenamide, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl methacrylate, stearyl methacrylate and vinylidene chloride	306975-85-9	
44	1-Hexadecanaminium, N,N-dimethyl-N-[2-[(2-methyl-1-oxo-propen-1-yl)oxy]ethyl]-, bromide (1:1), polymers with Bu acrylate, Bu methacrylate and 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate	306976-25-0	
45	2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with 2,4-diisocyanato-1-methylbenzene, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and 2-propenoic acid, N-ethyl-N-(hydroxyethyl)perfluoro-C4-8-alkanesulfonamides-blocked	306976-55-6	
46	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, telomer with 2-[ethyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl methacrylate and 1-octanethiol, N-oxides	306977-10-6	
47	2-Propenoic acid, 2-methyl-, 3-(trimethoxysilyl)propyl ester, polymers with acrylic acid, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and propylene glycol monoacrylate, hydrolyzed, compds. with 2,2'-(methylimino)bis[ethanol]	306977-58-2	
48	2-Propenoic acid, butyl ester, polymers with acrylamide, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and vinylidene chloride	306978-04-1	
49	Hexane, 1,6-diisocyanato-, homopolymer, N-(hydroxyethyl)-N-methylperfluoro-C4-8-alkanesulfonamides- and stearyl alc.-blocked	306978-65-4	
50	Poly(oxy-1,2-ethanediyl), $\alpha$ -[2-(methylamino)ethyl]- $\omega$ -[(1,1,3,3-tetramethylbutyl)phenoxy]-, N-[(perfluoro-C4-8-alkyl)sulfonyl] derivs.	306979-40-8	
51	Sulfonamides, C4-8-alkane, perfluoro, N,N'-[1,6-hexanediy]bis[(2-oxo-3,5-oxazolidinediyl)methylene]]bis[N-methyl-	306980-27-8	
52	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-	34455-03-3	
53	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, potassium salt (1:1)	3871-99-6	
54	1-Propanaminium, 3-[(carboxymethyl)[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-N,N,N-trimethyl-, inner salt	38850-52-1	
55	1-Propanaminium, N-(2-hydroxyethyl)-N,N-dimethyl-3-[(3-sulfopropyl)[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, inner salt	38850-58-7	
56	1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl][[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-	38850-60-1	
57	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	41997-13-1	

58	1-Hexanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	423-50-7		58	1-Hexanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	423-50-7	
59	2-Propenoic acid, 2-methyl-, 2-[ethyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl ester, polymers with polyethylene glycol acrylate Me ether	504396-13-8		59	2-Propenoic acid, 2-methyl-, 2-[ethyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl ester, polymers with polyethylene glycol acrylate Me ether	504396-13-8	
60	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	50598-28-2		60	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	50598-28-2	
61	Siloxanes and Silicones, di-Me, 3-hydroxypropyl group-terminated, reaction products with Me Et ketone oxime, 2-mercaptoethanol, 2-[methyl[(perfluoro-C3-8-alkyl)sulfonyl]amino]ethyl acrylate, polymethylenepolyphenylene isocyanate and polypropylene glycol	507225-08-3		61	Siloxanes and Silicones, di-Me, 3-hydroxypropyl group-terminated, reaction products with Me Et ketone oxime, 2-mercaptoethanol, 2-[methyl[(perfluoro-C3-8-alkyl)sulfonyl]amino]ethyl acrylate, polymethylenepolyphenylene isocyanate and polypropylene glycol	507225-08-3	
62	1-Propanaminium, N,N,N-trimethyl-3-[[1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, chloride (1:1)	52166-82-2		62	1-Propanaminium, N,N,N-trimethyl-3-[[1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, chloride (1:1)	52166-82-2	
63	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)	55120-77-9		63	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)	55120-77-9	
64	1-Hexanesulfonyl chloride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	55591-23-6		64	1-Hexanesulfonyl chloride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	55591-23-6	
65	Poly(oxy-1,2-ethanediyl), α-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl]-ω-hydroxy-	56372-23-7		65	Poly(oxy-1,2-ethanediyl), α-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl]-ω-hydroxy-	56372-23-7	
66	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-2-propen-1-yl-	67584-48-9		66	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-2-propen-1-yl-	67584-48-9	
67	Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, potassium salt (1:1)	67584-53-6		67	Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, potassium salt (1:1)	67584-53-6	
68	2-Propenoic acid, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	67584-57-0		68	2-Propenoic acid, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	67584-57-0	
69	2-Propenoic acid, 2-methyl-, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	67584-61-6		69	2-Propenoic acid, 2-methyl-, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	67584-61-6	
70	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	67906-70-1		70	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	67906-70-1	
71	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester, polymer with octadecyl 2-propenoate and 2-propenoic acid	67906-71-2		71	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester, polymer with octadecyl 2-propenoate and 2-propenoic acid	67906-71-2	
72	2-Propenoic acid, 2-methyl-, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]butyl ester	67939-61-1		72	2-Propenoic acid, 2-methyl-, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]butyl ester	67939-61-1	
73	1-Hexanesulfonamide, N,N'-[phosphinicobis(oxy-2,1-ethanediyl)]bis[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	67939-92-8		73	1-Hexanesulfonamide, N,N'-[phosphinicobis(oxy-2,1-ethanediyl)]bis[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	67939-92-8	
74	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-[2-(phosphonoxy)ethyl]-	67969-65-7		74	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-[2-(phosphonoxy)ethyl]-	67969-65-7	
75	Hexane, 1-(ethenylsulfonyl)-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	680187-85-3		75	Hexane, 1-(ethenylsulfonyl)-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	680187-85-3	
76	Hexane, 1-(ethenylsulfonyl)-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	680187-86-4		76	Hexane, 1-(ethenylsulfonyl)-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	680187-86-4	
77	Carbamic acid, N,N'-(4-methyl-1,3-phenylene)bis-, bis[2-[ethyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl] ester	68081-83-4		77	Carbamic acid, N,N'-(4-methyl-1,3-phenylene)bis-, bis[2-[ethyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl] ester	68081-83-4	
78	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6,7,7,8,8,8-	68227-87-2		78	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6,7,7,8,8,8-	68227-87-2	





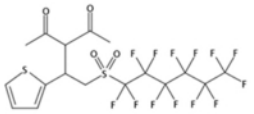
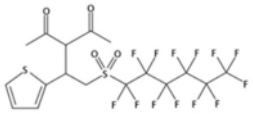
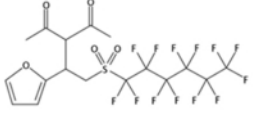
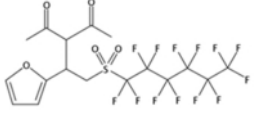
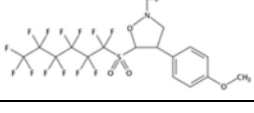
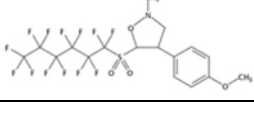
	tridecafluorohexyl)sulfonylamino]ethyl 2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]butyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-propenoate and 1-octanethiol				tridecafluorohexyl)sulfonylamino]ethyl 2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]butyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-propenoate and 1-octanethiol			
92	2-Propenoic acid, eicosyl ester, polymer with 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, hexadecyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-propenoate and octadecyl 2-propenoate	68329-56-6			2-Propenoic acid, eicosyl ester, polymer with 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, hexadecyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-propenoate and octadecyl 2-propenoate	68329-56-6		
93	Sulfonic acids, C6-12-alkane, perfluoro, potassium salts	68391-09-3			Sulfonic acids, C6-12-alkane, perfluoro, potassium salts	68391-09-3		
94	Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, sodium salt (1:1)	68555-70-4			Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, sodium salt (1:1)	68555-70-4		
95	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-	68555-75-9			1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-	68555-75-9		
96	Polymer based on 67584-55-8	68555-90-8	由此結構式組成之聚合物： 		Polymer based on 67584-55-8	68555-90-8	由此結構式組成之聚合物： 	
97	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)sulfonylamino]ethyl ester, polymer with 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate	68555-91-9	由此結構式組成之聚合物： 		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)sulfonylamino]ethyl ester, polymer with 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate	68555-91-9	由此結構式組成之聚合物： 	
98	2-Propenoic acid, 2-methyl-, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate	68555-92-0	由此結構式組成之聚合物： 		2-Propenoic acid, 2-methyl-, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate	68555-92-0	由此結構式組成之聚合物： 	
99	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)sulfonylamino]ethyl ester, polymer with 2-chloro-1,3-butadiene, 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonylamino]ethyl 2-methyl-2-propenoate and 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-methyl-2-propenoate	68568-77-4			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)sulfonylamino]ethyl ester, polymer with 2-chloro-1,3-butadiene, 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonylamino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonylamino]ethyl 2-methyl-2-propenoate and 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-methyl-2-propenoate	68568-77-4		
100	2-Propenoic acid, 2-	68586-13-0			2-Propenoic acid, 2-	68586-13-0		

	[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, $\alpha$ -(2-methyl-1-oxo-2-propenyl)- $\omega$ -hydroxypoly(oxy-1,2-ethanediyl), $\alpha$ -(2-methyl-1-oxo-2-propenyl)- $\omega$ -[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,2-ethanediyl), 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate and 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate (9CI)				[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, $\alpha$ -(2-methyl-1-oxo-2-propenyl)- $\omega$ -hydroxypoly(oxy-1,2-ethanediyl), $\alpha$ -(2-methyl-1-oxo-2-propenyl)- $\omega$ -[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,2-ethanediyl), 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate and 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate (9CI)				
101	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-tridecafluoroheptyl)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	68586-14-1	由此結構式組成之聚合物： 		101	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-tridecafluoroheptyl)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	68586-14-1	由此結構式組成之聚合物： 	
102	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with TDI	68608-13-9			102	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with TDI	68608-13-9		
103	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 1,1'-methylenebis[4-isocyanatobenzene]	68608-14-0			103	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 1,1'-methylenebis[4-isocyanatobenzene]	68608-14-0		
104	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-butanefluoro-N-(2-hydroxyethyl)-1-butanesulfonamide, 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 alc.	68649-26-3			104	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-butanesulfonamide, 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 alc.	68649-26-3		
105	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with 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-[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-tridecafluoroheptyl)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 2-oxiranylmethyl 2-methyl-2-propenoate	68797-76-2			105	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with 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-[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-tridecafluoroheptyl)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 2-oxiranylmethyl 2-methyl-2-propenoate	68797-76-2		
106	Benzoic acid, 2,3,4,5-tetrachloro-6-[[[3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoroheptyl)sulfonyl]oxy]phenyl]amino]carbonyl]-, potassium salt (1:1)	68815-72-5			106	Benzoic acid, 2,3,4,5-tetrachloro-6-[[[3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoroheptyl)sulfonyl]oxy]phenyl]amino]carbonyl]-, potassium salt (1:1)	68815-72-5		
107	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, polymer with 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-tridecafluoroheptyl)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 $\alpha$ -(1-oxo-2-propen-1-yl)- $\omega$ -methoxypoly(oxy-1,2-ethanediyl)	68867-60-7			107	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, polymer with 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-tridecafluoroheptyl)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 $\alpha$ -(1-oxo-2-propen-1-yl)- $\omega$ -methoxypoly(oxy-1,2-ethanediyl)	68867-60-7		
108	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-	68867-62-9			108	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-	68867-62-9		



	tridecafluorohexyl)sulfonylamino]ethyl 2-propenoate and 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-propenoate				tridecafluorohexyl)sulfonylamino]ethyl 2-propenoate and 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-propenoate			
119	2-Propenoic acid, 2-methyl-, 2-[[[2-methyl-5-[[[4-[methyl[(tridecafluorohexyl)sulfonylamino]butoxy]carbonylamino]phenyl]amino]carbonyloxy]propyl ester (9CI)	70900-36-6			2-Propenoic acid, 2-methyl-, 2-[[[2-methyl-5-[[[4-[methyl[(tridecafluorohexyl)sulfonylamino]butoxy]carbonylamino]phenyl]amino]carbonyloxy]propyl ester (9CI)	70900-36-6		
120	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-heptadecafluoroocetyl)sulfonyl]methylamino]butoxy]carbonylamino]-2-methylphenyl]amino]carbonyloxy]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-heptadecafluoroocetyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[[[2-methyl-5-[[[4-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonylamino]butoxy]carbonylamino]phenyl]amino]carbonyloxy]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)sulfonylamino]butoxy]carbonylamino]phenyl]amino]carbonyloxy]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)sulfonylamino]butoxy]carbonylamino]phenyl]amino]carbonyloxy]propyl 2-methyl-2-propenoate, 2-[[[2-methyl-5-[[[4-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]butoxy]carbonylamino]phenyl]amino]carbonyloxy]propyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-propenoate and 1-octanethiol	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-heptadecafluoroocetyl)sulfonyl]methylamino]butoxy]carbonylamino]-2-methylphenyl]amino]carbonyloxy]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-heptadecafluoroocetyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[[[2-methyl-5-[[[4-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonylamino]butoxy]carbonylamino]phenyl]amino]carbonyloxy]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)sulfonylamino]butoxy]carbonylamino]phenyl]amino]carbonyloxy]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)sulfonylamino]butoxy]carbonylamino]phenyl]amino]carbonyloxy]propyl 2-methyl-2-propenoate, 2-[[[2-methyl-5-[[[4-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]butoxy]carbonylamino]phenyl]amino]carbonyloxy]propyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-propenoate and 1-octanethiol	70900-40-2		
121	2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethenylbenzene, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoroocetyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-propenoate and 2-propenoic acid	71487-20-2			2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethenylbenzene, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoroocetyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonylamino]ethyl 2-propenoate and 2-propenoic acid	71487-20-2		
122	1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl]][(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonylamino]-2-hydroxy-, sodium salt (1:1)	73772-32-4			1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl]][(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonylamino]-2-hydroxy-, sodium salt (1:1)	73772-32-4		
123	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, acetate (1:1)	73772-33-5			1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, acetate (1:1)	73772-33-5		
124	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-[2-[2-(2-hydroxyethoxy)ethoxy]ethyl]-	73772-34-6			1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-[2-[2-(2-hydroxyethoxy)ethoxy]ethyl]-	73772-34-6		
125	Benzene, 1-chloro-4-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	76848-59-4			Benzene, 1-chloro-4-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	76848-59-4		

126	1H-Benzimidazolium, 1,3-diethyl-2-methyl-5-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, 4-methylbenzenesulfonate (1:1)	76848-68-5		126	1H-Benzimidazolium, 1,3-diethyl-2-methyl-5-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, 4-methylbenzenesulfonate (1:1)	76848-68-5	
127	1-Propanesulfonic acid, 3-[methyl[3-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]propyl]amino]-, sodium salt (1:1)	80621-17-6		127	1-Propanesulfonic acid, 3-[methyl[3-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]propyl]amino]-, sodium salt (1:1)	80621-17-6	
128	1-Propanaminium, N-(2-hydroxyethyl)-3-[(2-hydroxy-3-sulfofpropyl)[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-N,N-dimethyl-, hydroxide, sodium salt (1:1:1)	81190-38-7		128	1-Propanaminium, N-(2-hydroxyethyl)-3-[(2-hydroxy-3-sulfofpropyl)[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-N,N-dimethyl-, hydroxide, sodium salt (1:1:1)	81190-38-7	
129	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt (1:1)	82382-12-5		129	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt (1:1)	82382-12-5	
130	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-propyl-	85665-64-1		130	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-propyl-	85665-64-1	
131	Glycine, N-propyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, potassium salt (1:1)	85665-66-3		131	Glycine, N-propyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, potassium salt (1:1)	85665-66-3	
132	1-Hexanesulfinic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt (2:1)	86525-30-6		132	1-Hexanesulfinic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt (2:1)	86525-30-6	
133	Thiophene, 2-[2-[(tridecafluorohexyl)sulfonyl]ethenyl]-	86525-43-1		133	Thiophene, 2-[2-[(tridecafluorohexyl)sulfonyl]ethenyl]-	86525-43-1	
134	Furan, 2-[2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethenyl]-	86525-48-6		134	Furan, 2-[2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethenyl]-	86525-48-6	
135	Benzene, 1-methyl-4-[2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethenyl]-	86525-51-1		135	Benzene, 1-methyl-4-[2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethenyl]-	86525-51-1	
136	Benzene, 1-methoxy-4-[2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethenyl]-	86525-52-2		136	Benzene, 1-methoxy-4-[2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethenyl]-	86525-52-2	
137	Thiophene, 2-[1-(phenylthio)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-48-9		137	Thiophene, 2-[1-(phenylthio)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-48-9	
138	Furan, 2-[1-(phenylthio)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-49-0		138	Furan, 2-[1-(phenylthio)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-49-0	
139	Benzene, 1-methyl-4-[1-(phenylthio)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-50-3		139	Benzene, 1-methyl-4-[1-(phenylthio)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-50-3	
140	Thiophene, 2-[1-(nitromethyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-55-8		140	Thiophene, 2-[1-(nitromethyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-55-8	
141	Furan, 2-[1-(nitromethyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-56-9		141	Furan, 2-[1-(nitromethyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-56-9	

142	2,4-Pentanedione, 3-[1-(2-thienyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-63-8		142	2,4-Pentanedione, 3-[1-(2-thienyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-63-8	
143	2,4-Pentanedione, 3-[1-(2-furanyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-64-9		143	2,4-Pentanedione, 3-[1-(2-furanyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-64-9	
144	Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with epichlorohydrin, adipates (esters)	91081-99-1		144	Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with epichlorohydrin, adipates (esters)	91081-99-1	
145	Isoxazolidine, 4-(4-methoxyphenyl)-2-methyl-5-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	93416-31-0		145	Isoxazolidine, 4-(4-methoxyphenyl)-2-methyl-5-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	93416-31-0	
146	Sulfonic acids, C6-12-alkane, perfluoro	93572-72-6		146	Sulfonic acids, C6-12-alkane, perfluoro	93572-72-6	
147	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	944578-05-6		147	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	944578-05-6	

## 公告事項第一項附件二修正對照表

修正規定				現行規定	說明
附件二 全氟辛烷磺酸及其鹽類與相關化合物					
項次 Item	英文名稱 English Name	化學文摘社 登記號碼 CAS No.	結構式 structural formula		
1	Perfluorooctane sulfonic acid	1763-23-1			<p>一、本附件新增。</p> <p>二、為接軌斯德哥爾摩公約管制範疇，參考其公告之指示清單內容，增列附件二，以正面表列八種全氟辛烷磺酸及其鹽類與相關化合物。</p> <p>三、依循斯德哥爾摩公約全氟辛烷磺酸及其鹽類與相關化合物管制清單係以登載化學物質英文名稱及化學文摘社登記號碼之方式呈現，爰規定以英文名稱及化學文摘社登記號碼綜合判斷。</p> <p>四、本附件各項化學物質皆屬全氟辛烷磺酸及其鹽類與相關化合物之管制範疇，其管制濃度、分級運作量及得使用用途等依附表一及附表三規定辦理。</p>
2	Potassium perfluorooctane sulfonate	2795-39-3			
3	Lithium perfluorooctane sulfonate	29457-72-5			
4	Ammonium perfluorooctane sulfonate	29081-56-9			
5	Diethanolammonium perfluorooctane sulfonate	70225-14-8			
6	Tetraethylammonium perfluorooctane sulfonate	56773-42-3			
7	Didecyldimethylammonium perfluorooctane sulfonate	251099-16-8			
8	Perfluorooctane sulfonyl fluoride	307-35-7			

### 公告事項第一項附件三修正對照表

修正規定				現行規定	說明
附件三 全氟辛酸及其鹽類與相關化合物					
項次 Item	英文名稱 English Name	化學文摘社 登記號碼 CAS No.	結構式 structural formula		
1	Perfluorooctanoic acid	335-67-1			<p>一、本附件新增。</p> <p>二、為接軌斯德哥爾摩公約管制範疇，參考其公告之指示清單內容，增列附件三，以正面表列三百五十三種全氟辛酸及其鹽類與相關化合物。</p> <p>三、依循斯德哥爾摩公約全氟辛酸及其鹽類與相關化合物管制清單係以登載化學物質英文名稱、化學文摘社登記號碼及結構式之方式呈現，爰規定以英文名稱、化學文摘社登記號碼、結構式綜合判斷。</p> <p>四、本附件各項化學物質皆屬全氟辛酸及其鹽類與相關化合物之管制範疇，其管制濃度、分級運作量及得使用用途等依附表一及附表三規定辦理。</p>
2	Perfluorooctanoate (conjugate base of the free acid) Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentafluoro-, ion(1-)	45285-51-6			
3	Branched perfluorooctanoic acid	90480-55-0			
4	Hexanoic acid, 2,2,3,4,5,5,6,6,6-nonafluoro-3,4-bis(trifluoromethyl)-	1882109-81-0			
5	Hexanoic acid, 2,3,3,4,4,5,6,6,6-nonafluoro-2,5-bis(trifluoromethyl)-	1882109-80-9			
6	Hexanoic acid, 2,2,3,3,4,4,5,5,6,6,6-decafluoro-4-(1,1,2,2,2-pentafluoroethyl)-	1882109-79-6			
7	Hexanoic acid, 2,2,3,4,4,5,5,6,6,6-decafluoro-3-(1,1,2,2,2-pentafluoroethyl)-	1882109-78-5			
8	Pentanoic acid, 2,3,3,4,4,5,5,5-octafluoro-2-(1,1,2,2,3,3,3-heptafluoropropyl)-	1882109-77-4			
9	Pentanoic acid, 2,3,3,4,4,5,5,5-octafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-	1882109-76-3			
10	Pentanoic acid, 2,2,3,5,5,5-hexafluoro-3,4,4-tris(trifluoromethyl)-	1882109-75-2			
11	Pentanoic acid, 2,2,4,5,5,5-hexafluoro-3,3,4-tris(trifluoromethyl)-	1882109-74-1			
12	Pentanoic acid, 2,3,3,5,5,5-hexafluoro-2,4,4-tris(trifluoromethyl)-	1882109-73-0			
13	Pentanoic acid, 2,3,4,5,5,5-hexafluoro-2,3,4-tris(trifluoromethyl)-	1882109-72-9			
14	Pentanoic acid, 2,4,4,5,5,5-hexafluoro-2,3,3-tris(trifluoromethyl)-	1882109-71-8			
15	Pentanoic acid, 3,3,4,5,5,5-hexafluoro-2,2,4-tris(trifluoromethyl)-	1882109-70-7			
16	Pentanoic acid, 2,2,3,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-4-(trifluoromethyl)-	1882109-68-3			
17	Pentanoic acid, 2,2,4,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-3-(trifluoromethyl)-	1882109-67-2			
18	Pentanoic acid, 2,3,4,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-2-(trifluoromethyl)-	1882109-66-1			
19	Pentanoic acid, 2,3,3,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-4-(trifluoromethyl)-	1882109-65-0			
20	Pentanoic acid, 2,3,4,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-3-(trifluoromethyl)-	1882109-64-9			
21	Pentanoic acid, 3,3,4,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-2-(trifluoromethyl)-	1882109-63-8			
22	Pentanoic acid, 3,4,4,5,5,5-hexafluoro-2,2,3-tris(trifluoromethyl)-	1882109-69-4			
23	Butanoic acid, 4,4,4-trifluoro-2,2,3,3-tetrakis(trifluoromethyl)-	1882109-62-7			
24	Butanoic acid, 2,3,4,4,4-pentafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-(trifluoromethyl)-	1882109-61-6			
25	Butanoic acid, 2,3,3,4,4,4-hexafluoro-2-[2,2,2-trifluoro-1,1-bis(trifluoromethyl)ethyl]-	1882109-60-5			
26	Butanoic acid, 3,3,4,4,4-pentafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-2-(trifluoromethyl)-	1882109-59-2			
27	Butanoic acid, 3,3,4,4,4-pentafluoro-2,2-bis(1,1,2,2,2-	1882109-58-1			

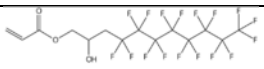

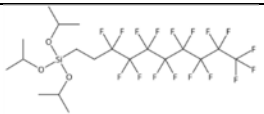
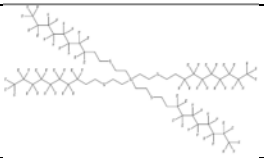
	pentafluoroethyl)-		
28	Hexanoic acid, 2,2,4,4,5,5,6,6,6-nonafluoro-3,3-bis(trifluoromethyl)-	1812247-20-3	
29	Hexanoic acid, 2,3,3,4,5,5,6,6,6-nonafluoro-2,4-bis(trifluoromethyl)-	1812247-19-0	
30	Hexanoic acid, 2,3,4,4,5,5,6,6,6-nonafluoro-2,3-bis(trifluoromethyl)-	1812247-18-9	
31	Hexanoic acid, 3,3,4,4,5,5,6,6,6-nonafluoro-2,2-bis(trifluoromethyl)-	1812247-17-8	
32	Hexanoic acid, 2,2,3,3,5,5,6,6,6-nonafluoro-4,4-bis(trifluoromethyl)-	1192593-79-5	
33	Hexanoic acid, 2,2,3,3,4,5,6,6,6-nonafluoro-4,5-bis(trifluoromethyl)-	1144512-36-6	
34	Hexanoic acid, 2,2,3,4,4,5,6,6,6-nonafluoro-3,5-bis(trifluoromethyl)-	1144512-35-5	
35	Hexanoic acid, 2,2,3,3,4,4,6,6,6-nonafluoro-5,5-bis(trifluoromethyl)-	1144512-34-4	
36	Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-4-(trifluoromethyl)-	1144512-18-4	
37	Heptanoic acid, 2,2,3,3,4,4,5,6,6,7,7,7-dodecafluoro-5-(trifluoromethyl)-	909009-42-3	
38	Heptanoic acid, 2,2,3,4,4,5,5,6,6,7,7,7-dodecafluoro-3-(trifluoromethyl)-	705240-04-6	
39	Heptanoic acid, 2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-2-(trifluoromethyl)-	207678-51-1	
40	Isooctanoic acid, pentadecafluoro-	123116-17-6	
41	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-	35605-76-6	
42	Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-	15166-06-0	
43	Octanoic acid, pentadecafluoro-, branched, ammonium salt	90480-56-1	
44	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, ammonium salt (1:1)	3825-26-1	
45	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, sodium salt (1:1)	335-95-5	
46	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, potassium salt (1:1)	2395-00-8	
47	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, lithium salt (1:1)	17125-58-5	
48	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, silver(1+) salt (1:1)	335-93-3	
49	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, chromium(3+) salt (3:1)	68141-02-6	
50	Ethanaminium, N,N,N-triethyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoate (1:1)	98241-25-9	
51	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-, ammonium salt (1:1)	13058-06-5	
52	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-, sodium salt (1:1)	1195164-59-0	
53	Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, ammonium salt (1:1)	19742-57-5	
54	Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, iron salt (1:x)	61436-04-2	
55	Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, potassium salt (1:1)	29457-73-6	
56	Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, sodium salt (1:1)	18017-22-6	
57	Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, chromium salt (1:x)	15739-82-9	
58	Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, aluminum salt (3:1)	15715-47-6	
59	Fatty acids, C <sub>7-13</sub> , perfluoro	68333-92-6	
60	Ethylamine salts of C <sub>7</sub> -C <sub>13</sub> perfluorinated fatty acids	69278-80-4	
61	Fatty acids, C <sub>7-19</sub> , perfluoro	91032-01-8	

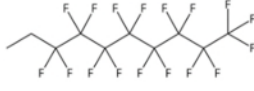

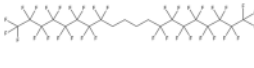



62	Fatty acids, C <sub>7-13</sub> , perfluoro, ammonium salts	72968-38-8	
63	Fatty acids, C <sub>6-18</sub> , perfluoro, ammonium salts	72623-77-9	
64	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, methyl ester	376-27-2	
65	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, ethyl ester	3108-24-5	
66	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, 1,1'-anhydride	33496-48-9	
67	Phosphinic acid, bis(perfluoro-C <sub>6-12</sub> -alkyl) derivs.	68412-69-1	
68	Phosphinic acid, bis(perfluoro-C <sub>6-12</sub> -alkyl) derivs., aluminum salts	93062-53-4	
69	Bis(perfluorooctyl)phosphinic acid	40143-79-1	
70	Phosphinic acid, P-(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctyl)-P-(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)-	610800-34-5	
71	Octanoyl fluoride, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-	335-66-0	
72	Perfluorooctyl iodide	507-63-1	
73	Undecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-tricosafuoro-11-iodo-	307-50-6	
74	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafuoro-12-iodo-	307-60-8	
75	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-nonacosafuoro-14-iodo-	307-63-1	
76	Pentadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15-hentriacontafuoro-15-iodo-	335-79-5	
77	Tridecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13-heptacosafuoro-13-iodo-	376-04-5	
78	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-10-iodo-	423-62-1	
79	Nonane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-nonadecafluoro-9-iodo-	558-97-4	
80	Decane, 1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-icosafuoro-10-iodo-2-(trifluoromethyl)-	677-93-0	
81	Dodecane, 1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-tetracosafuoro-12-iodo-2-(trifluoromethyl)-	3248-61-1	
82	Tetradecane, 1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-octacosafuoro-14-iodo-2-(trifluoromethyl)-	3248-63-3	
83	Alkyl iodides, C <sub>6-18</sub> , perfluoro	90622-71-2	
84	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-	2043-53-0	
85	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-12-iodo-	2043-54-1	
86	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafuoro-14-iodo-	30046-31-2	
87	Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-nonacosafuoro-16-iodo-	65510-55-6	
88	Undecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-nonadecafluoro-11-iodo-	65510-56-7	
89	Alkyl iodides, C <sub>4-20</sub> , γ-ω-perfluoro	68188-12-5	
90	Alkyl iodides, C <sub>10-12</sub> , γ-ω-perfluoro	68390-33-0	
91	1-Decene, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-	21652-58-4	
92	1-Dodecene, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-	30389-25-4	
93	1-Hexadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,1	60699-51-6	

	6-nonacosafuoro-		
94	1-Pentadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-heptacosafuoro-	176676-70-3	
95	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-	39239-77-5	
96	1-Tridecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-tricosafuoro-	1545-59-1	
97	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-	865-86-1	
98	1-Undecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-nonadecafluoro-	87017-97-8	
99	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-	678-39-7	
100	2-Dodecenoic acid, 3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-eicosafuoro-	70887-94-4	
101	Dodecanoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-	53826-13-4	
102	Undecanoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-nonadecafluoro-	191852-87-6	
103	2-Decenoic acid, 3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-hexadecafluoro-	70887-84-2	
104	Decanoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-	27854-31-5	
105	1,2-Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-hexa decafluoro-10-(trifluoromethyl)-, 1-(dihydrogen phosphate)	54009-73-3	
106	1,2-Tridecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,13,13,13-eicosafuoro-12-(trifluoromethyl)-, 1-(dihydrogen phosphate)	63295-27-2	
107	1,2-Pentadecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosafuoro-14-(trifluoromethyl)-, 1-(dihydrogen phosphate)	63295-28-3	
108	1,2-Heptadecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,17,17,17-octacosafuoro-16-(trifluoromethyl)-, 1-(dihydrogen phosphate)	63295-29-4	
109	1,2-Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-hexa decafluoro-10-(trifluoromethyl)-, 1-(dihydrogen phosphate), diammonium salt	63295-18-1	
110	1,2-Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-hexa decafluoro-10-(trifluoromethyl)-, 1-(dihydrogen phosphate), compd. with 2,2'-iminobis[ethanol] (1:2)	63295-19-2	
111	2-Undecanol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-hexadecafluoro-10-(trifluoromethyl)-, dihydrogen phosphate, diammonium salt	63295-23-8	
112	Acetic acid, 2-[[3,3,4,4,5,5,6,6,7,7,8,8,9,10,10,10-hexadeca fluoro-1-(phosphonooxy)methyl]-9-(trifluoromethyl) decyl]oxy]-, ammonium salt (1:2)	63295-24-9	
113	1-Undecanol, 2-chloro-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-hexadecafluoro-10-(trifluoromethyl)-, dihydrogen phosphate	63295-22-7	
114	1,2-Tridecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-heneicosafuoro-, 1-(dihydrogen phosphate)	94158-70-0	
115	1,2-Tridecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-heneicosafuoro-, 1-(dihydrogen phosphate), diammonium salt	94200-46-1	
116	1,2-Pentadecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-pentacosafuoro-, 1-(dihydrogen phosphate), diammonium salt	94200-47-2	
117	1,2-Heptadecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,17,17,17-nonacosafuoro-, 1-(dihydrogen phosphate), diammonium salt	94200-48-3	

118	1,2-Tridecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,13,13,13-eicosafuoro-12-(trifluoromethyl)-, 1-(dihydrogen phosphate), diammonium salt	94200-50-7	
119	1,2-Pentadecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosafuoro-14-(trifluoromethyl)-, 1-(dihydrogen phosphate), diammonium salt	94200-51-8	
120	1,2-Heptadecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,17,17,17-octacosafuoro-16-(trifluoromethyl)-, 1-(dihydrogen phosphate), diammonium salt	94200-52-9	
121	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, 1-(dihydrogen phosphate)	57678-03-2	
122	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, 1,1'-(hydrogen phosphate)	678-41-1	
123	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, dihydrogen phosphate, diammonium salt	93857-44-4	
124	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-, 1-(dihydrogen phosphate), ammonium salt (1:2)	93857-45-5	
125	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-, 1-(dihydrogen phosphate)	57678-05-4	
126	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-, 1,1'-(hydrogen phosphate)	1895-26-7	
127	2-Undecanol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-, dihydrogen phosphate, potassium salt	90179-37-6	
128	Diphosphoric acid, mono(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) ester, compd. with 2,2',2''-nitilotris[ethanol] (1:3)	98005-85-7	
129	Diphosphoric acid, mono(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) ester, compd. with 2-aminoethanol (1:3)	98005-84-6	
130	Phosphoric acid, mono(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro dodecyl) mono(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) ester	1158182-60-5	
131	Phosphoric acid, mono(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) mono(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	1578186-42-1	
132	Phosphoric acid, mono(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl) mono(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	1158182-61-6	
133	Ammonium bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) phosphate	93776-20-6	
134	Ammonium bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorodecyl) phosphate	93776-21-7	
135	1,2-Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-hexadecafluoro-10-(trifluoromethyl)-, 1,1-(hydrogen phosphate)	63295-20-5	
136	1-Undecanol, 2-chloro-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-hexadecafluoro-10-(trifluoromethyl)-, hydrogen phosphate	63295-26-1	
137	1-Nonadecanol, 12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,19-heptadecafluoro-, dihydrogen phosphate	2343-53-5	
138	Phosphoric acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl bis(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) ester	1578186-53-4	
139	Phosphoric acid, bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	1578186-56-7	

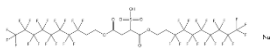
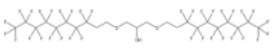



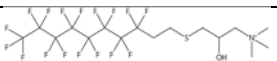
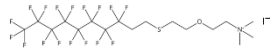
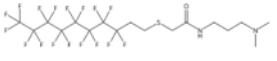
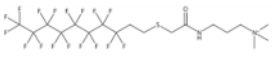
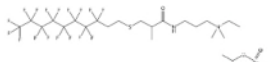
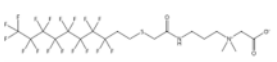
140	Phosphoric acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	1578186-64-7	
141	Phosphoric acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecylbis (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) ester	1578186-57-8	
142	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, 1,1',1''-phosphate	149790-22-7	
143	1-Decanesulfonamide, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-N-[3-(phosphomo oxy)propyl]-N-propyl-, sodium salt (1:2)	441765-20-4	
144	2-Propenoic acid, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,17,17,17-octacosafuoro-2-hydroxy-16-(trifluoromethyl)heptadecyl ester	16083-78-6	
145	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafluorohexadecyl ester	4980-53-4	
146	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl ester	6014-75-1	
147	2-Propenoic acid, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosafuoro-2-hydroxy-14-(trifluoromethyl)pentadecyl ester	16083-87-7	
148	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,14-tetracosafuoro-13-(trifluoromethyl)tetradecyl ester	52956-82-8	
149	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-icosafuoro-11-(trifluoromethyl)dodecyl ester	74256-14-7	
150	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,14-tetra cosafuoro-13-(trifluoromethyl)tetradecyl ester	74256-15-8	
151	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	17741-60-5	
152	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	2144-54-9	
153	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	27905-45-9	
154	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	1996-88-9	
155	2-Propenoic acid, $\gamma$ - $\omega$ -perfluoro-C <sub>8-14</sub> -alkyl esters	85631-54-5	
156	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,16,16,16-octacosafuoro-15-(trifluoromethyl)hexadecyl ester	91615-22-4	
157	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,18,18,18-dotriacontafuoro-17-(trifluoromethyl)octadecyl ester	94158-63-1	
158	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,16,16,16-octacosafuoro-15-(trifluoromethyl)hexadecyl ester	94158-64-2	
159	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,18,18,18-dotriacontafuoro-17-(trifluoromethyl)octadecyl ester	94158-65-3	
160	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-(hydroxymethyl)decyl ester	146955-29-5	

161	2-Propenoic acid, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-2-hydroxyundecyl ester	76962-34-0	
162	1-Propanaminium, N-(2-carboxyethyl)-N,N-dimethyl-3-[(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-pentacosafuoro-2-hydroxypentadecyl) amino]-, inner salt	93776-12-6	
163	1-Propanaminium, N-(2-carboxyethyl)-3-[(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-heneicosafuoro-2-hydroxytridecyl)amino] -N,N-dimethyl-, inner salt	93776-13-7	
164	1-Propanaminium, N-(2-carboxyethyl)-N,N-dimethyl-3-[[4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosafuoro-2-hydroxy-14-(trifluoromethyl)pentadecyl]amino]-, inner salt	93776-15-9	
165	2-Tridecanol, 1-[[3-(dimethylamino)propyl]amino]-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,13,13,13-eicosafuoro-12-(trifluoromethyl)-	94159-83-8	
166	2-Pentadecanol, 1-[[3-(dimethylamino)propyl]amino]-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-pentacosafuoro-	94159-79-2	
167	2-Tridecanol, 1-[[3-(dimethylamino)propyl]amino]-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-heneicosafuoro-	94159-80-5	
168	2-Pentadecanol, 1-[[3-(dimethylamino)propyl]amino]-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosafuoro-14-(trifluoromethyl)-	94159-82-7	
169	Octadecanoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	99955-83-6	
170	Pentanedioic acid, 3-[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy]-2-oxoethyl]-3-hydroxy-, 1,5-bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) ester	302911-86-0	
171	Perfluorooctylethylchloromethyl silane	3102-79-2	
172	Perfluorooctylethyltrimethylchlorosilane	74612-30-9	
173	Perfluorooctylethyltriethoxysilane	101947-16-4	
174	Silane, triethoxy(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl)-	146090-84-8	
175	Perfluorooctylethyltrichlorosilane	78560-44-8	
176	Perfluorooctylethyltrimethoxysilane	83048-65-1	
177	Silane, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl)trimethoxy-	123445-18-1	
178	Silane, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)tris(1-methylethoxy)-	246234-80-0	
179	Silane, tetrakis[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]ethyl]-	1189587-64-1	
180	Propanamide, 3-[(γ-ω-perfluoro-C <sub>4-10</sub> -alkyl)thio] derivatives	68187-42-8	
181	Thiols, C <sub>8-20</sub> , γ-ω-perfluoro, telomers with acrylamide	70969-47-0	
182	Carbamic acid, [2-(sulphothio)ethyl]-, C-(γ-ω-perfluoro-C <sub>6-9</sub> -alkyl) esters, monosodium salts	95370-51-7	
183	1,3-Propanediol, 2,2-bis[[γ-ω-perfluoro-C <sub>4-10</sub> -alkyl)thio]methyl] derivatives, phosphates, ammonium salts	148240-85-1	
184	1,3-Propanediol, 2,2-bis[[γ-ω-perfluoro-C <sub>6-12</sub> -alkyl)thio]methyl] derivatives, phosphates, ammonium salts	148240-87-3	
185	1,3-Propanediol, 2,2-bis[[γ-ω-perfluoro-C <sub>10-20</sub> -alkyl)thio]methyl] derivs., phosphates, ammonium salts	148240-89-5	
186	Oxirane, methyl-, polymer with oxirane, mono[2-hydroxy-3-[(γ-ω-	183146-60-3	

	perfluoro-C <sub>8-20</sub> -alkylthio]propyl] ethers		
187	Pentanoic acid, 4,4-bis[(γ-ω-perfluoro-C <sub>8-20</sub> -alkyl)thio]derivs., compds. with diethanolamine	71608-61-2	
188	1,2-Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-, 1-(dihydrogen phosphate), ammonium salt (1:2)	94200-45-0	
189	2-Pentadecanol, 1,1'-[oxybis[(1-methyl-2,1-ethanediyloxy)]bis[4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-pentacosafuoro-	93776-00-2	
190	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	77117-48-7	
191	Undecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	1835250-28-6	
192	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	182130-12-7	
193	Tridecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	1835250-47-9	
194	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	182130-14-9	
195	Pentadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	182130-15-0	
196	Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	6145-05-7	
197	Heptadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	931415-52-0	
198	Octadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	138472-76-1	
199	Tetracosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	117146-18-6	
200	Hexacosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	133310-73-3	
201	Octacosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	137338-39-7	
202	Triacontane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	137338-40-0	
203	Dotriacontane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	137338-41-1	
204	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-	154478-87-2	
205	Tridecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-	1835251-22-3	
206	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-	1244062-17-6	
207	Pentadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-	250738-42-2	
208	Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-	116177-54-9	
209	Heptadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-	200817-54-5	
210	Octadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-	93454-70-7	
211	Nonadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-	125635-85-0	
212	Eicosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-	90499-29-9	
213	Docosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-	93454-71-8	
214	Eicosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,20-tetraatriacontafuoro-	133299-41-9	
215	Tetracosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,17,17,18,18,19,19,20,20,21,21,22,22,23,23,24,24,24-tetraatriacontafuoro-	100550-08-1	
216	9-Tetracosene, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	1244062-16-5	
217	1-Undecanol, 4,4,5,5,6,6,7,7,8,8,9,9,10,11,11,11-hexadecafluoro-10-(trifluoromethyl)-	31200-97-2	
218	1-Nonanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-	423-56-3	
219	1-Decanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-	307-37-9	
220	1-Undecanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heneicosafuoro-	307-46-0	
221	Decanal, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-	135984-68-8	
222	Dodecanal, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-	864551-38-2	

	heneicosafuoro-		
223	2-Dodecenal, 3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-eicosafuoro-	864551-40-6	
224	Nonanal, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-	63967-40-8	
225	Decanal, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-	335-73-9	
226	Undecanal, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heneicosafuoro-	63967-42-0	
227	Ethanol, 2-[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy]ethoxy]-	56900-98-2	
228	Propanol, [2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy]methylethoxy]-	88243-13-4	
229	Ethanol, 2-[2-[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy]methylethoxy] methylethoxy]-	88243-12-3	
230	3,6,9,12-Tetraoxadocosan-1-ol, 15,15,16,16,17,17,18,18,19,19,20,20,21,21,22,22,22-heptadecafluoro-	55427-54-8	
231	3,6,9,12-Tetraoxadocosan-1-ol, 15,15,16,16,17,17,18,18,19,19,20,20,21,21,22,22,22-heptadecafluorodimethyl-	88271-22-1	
232	3,6,9,12-Tetraoxadocosan-1-ol, 15,15,16,16,17,17,18,18,19,19,20,20,21,21,22,22,22-heptadecafluorotetramethyl-	88243-14-5	
233	3,6,9,12,15-Pentaoxapentacosan-1-ol, 18,18,19,19,20,20,21,21,22,22,23,23,24,24,25,25,25-heptadecafluoropentamethyl-	88243-15-6	
234	3,6,9,12,15,18-Hexaoxaoctacosan-1-ol, 21,21,22,22,23,23,24,24,25,25,26,26,27,27,28,28,28-heptadecafluoro-	88247-39-6	
235	3,6,9,12,15,18-Hexaoxaoctacosan-1-ol, 21,21,22,22,23,23,24,24,25,25,26,26,27,27,28,28,28-heptadecafluoropentamethyl-	88243-11-2	
236	3,6,9,12,15,18-Hexaoxaoctacosan-1-ol, 21,21,22,22,23,23,24,24,25,25,26,26,27,27,28,28,28-heptadecafluoro hexamethyl-	88243-16-7	
237	3,6,9,12,15,18,21-Heptaohentriacontan-1-ol, 24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31,31-heptadecafluoropentamethyl-	88243-10-1	
238	3,6,9,12,15,18,21,24-Octaoxatetriacontan-1-ol, 27,27,28,28,29,29,30,30,31,31,32,32,33,33,34,34,34-heptadecafluoro-	88247-40-9	
239	3,6,9,12,15,18,21,24-Octaoxatetriacontan-1-ol, 27,27,28,28,29,29,30,30,31,31,32,32,33,33,34,34,34-heptadecafluorooctamethyl-	88243-17-8	
240	3,6,9,12,15-Pentaoxapentacosan-1-ol, 18,18,19,19,20,20,21,21,22,22,23,23,24,24,25,25,25-heptadecafluoropentamethyl-, acetate	88243-09-8	
241	1,2-Propanediol, 3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy]-	121500-31-0	
242	11,14,17,20,23,26,29,32-Octaoxaoctatetracontan-33-one, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	67549-47-7	
243	Tridecanoic acid, 27,27,28,28,29,29,30,30,31,31,32,32,33,33,34,34,34-heptadecafluoro-3,6,9,12, 15,18,21,24-octaoxatetra triacont-1-yl ester	67535-33-5	
244	Oxirane, 2-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononyl)-	38565-53-6	
245	Oxirane, 2-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy]methyl]-	114482-33-6	
246	1-Decanaminiium, N,N-diethyl-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-2-hydroxy-N-methyl-, iodide (1:1)	99679-40-0	
247	1-Undecanaminiium, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-2-hydroxy-N,N-bis(2-hydroxyethyl)-N-methyl-, iodide (1:1)	93776-18-2	



	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-		
270	1-Decanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, potassium salt (1:1)	438237-73-1	
271	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-hepta decafluoro-, 1-(hydrogen sulfate), ammonium salt (1:1)	63225-57-0	
272	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-, 1-(hydrogen sulfate), ammonium salt (1:1)	63225-58-1	
273	Butanedioic acid, 2-sulfo-, 1,4-bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) ester, sodium salt (1:1)	54950-06-0	
274	Acetic acid, 2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-, lithium salt (1:1)	441765-12-4	
275	Propanoic acid, 3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-	54207-62-4	
276	Propanoic acid, 3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-, lithium salt (1:1)	481050-04-8	
277	Ethanesulfonic acid, 2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-, lithium salt (1:1)	441765-14-6	
278	2-Propanol, 1,3-bis[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-	160819-47-6	
279	2-Propanol, 1-[(2-dodecylhexadecyl)oxy]-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-	160819-50-1	
280	2-Propanol, 1-[(2-decyltetradecyl)oxy]-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-	160819-49-8	
281	2,5,8,11,14,17,20,23-Octaoxa-27-thiaheptatria contan-25-ol, 30,30,31,31,32,32,33,33,34,34,35,35,36,36,37,37-heptadecafluoro-	121912-28-5	
282	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-	727351-53-3	
283	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl)sulfinyl]-	1513864-17-9	
284	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-, chloride (1:1)	71940-07-3	
285	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl)thio]-, chloride (1:1)	-	
286	Ethanaminium, 2-[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]ethoxy]-N,N,N-trimethyl-, iodide (1:1)	71625-52-0	
287	Acetamide, N-[3-(dimethylamino)propyl]-2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-	1513863-91-6	
288	Acetamide, N-[3-(dimethylamino)propyl]-2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl) thio]-	1513863-92-7	
289	1-Propanaminium, 3-[[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]acetyl] amino]-N,N,N-trimethyl-	704870-51-9	
290	1-Propanaminium, 3-[[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10,11,11,12,12,12-heneicosafuorododecyl)thio]acetyl]amino]-N,N,N-trimethyl-	1513864-01-1	
291	1-Propanaminium, N-ethyl-3-[[3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) thio]-2-methyl-1-oxopropyl]amino]-N,N-dimethyl-, ethyl sulfate (1:1)	67333-62-4	
292	1-Propanaminium, N-(carboxymethyl)-3-[[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]acetyl] amino]-N,N-dimethyl-, inner salt	1513863-96-1	

293	1-Propanaminium, N-(carboxymethyl)-3-[[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorodecyl)thio]acetyl] amino]-N,N-dimethyl-, inner salt	1513863-97-2	
294	Butanoic acid, 4-[[3-(dimethylamino)propyl] amino]-2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) thio]-4-oxo-	1383438-89-8	
295	Butanoic acid, 4-[[3-(dimethylamino)propyl] amino]-2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorodecyl)thio]-4-oxo-	1383438-90-1	
296	Glycine, N-[3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-2-hydroxypropyl]-N-methyl-	93128-66-6	
297	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-1-oxopropyl]amino]-2-methyl-	755698-73-8	
298	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorodecyl)thio]-1-oxopropyl] amino]-2-methyl-	690947-60-5	
299	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-1-oxopropyl]amino]-2-methyl-, sodium salt (1:1)	62880-96-0	
300	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorodecyl)thio]-1-oxopropyl]amino]-2-methyl-, sodium salt (1:1)	62880-98-2	
301	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)sulfinyl]-	1513864-19-1	
302	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) sulfinyl]-1-oxopropyl]amino]-2-methyl-	1513864-12-4	
303	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorodecyl)sulfinyl]-1-oxopropyl]amino]-2-methyl-	1513864-11-3	
304	1-Decanesulfonamide, N-[3-(dimethyloxido amino)propyl]-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-	80475-33-8	
305	1-Decanesulfonamide, N-[3-(dimethylamino) propyl]-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-	34455-23-7	
306	1-Dodecane sulfonamide, N-[3-(dimethylamino) propyl]-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-	34455-24-8	
307	1-Propanaminium, 3-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)sulfonyl] amino]-N,N,N-trimethyl-, 4-methylbenzene sulfonate (1:1)	438237-77-5	
308	1-Propanaminium, N-(carboxymethyl)-3-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)sulfonyl]amino]-N,N-dimethyl-, inner salt	34455-21-5	
309	1-Propanaminium, N-(carboxymethyl)-3-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorodecyl)sulfonyl]amino]-N,N-dimethyl-, inner salt	34455-35-1	
310	Ethanaminium, N-(2-carboxyethyl)-2-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)sulfonyl]amino]-N,N-dimethyl-, inner salt	34695-29-9	
311	Ethanaminium, N-(2-carboxyethyl)-2-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorodecyl)sulfonyl]amino]-N,N-dimethyl-, inner salt	34695-31-3	
312	Glycine, N-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)sulfonyl]-N-propyl-, lithium salt	441765-18-0	
313	β-Alanine, N-(2-carboxyethyl)-N-[6-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro decyl)sulfonyl]amino]hexyl]-, dipotassium salt	98900-53-9	

314	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-heptadecafluorodecyl 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	115592-83-1	
315	2-Propenoic acid, 2-methyl-, C <sub>10-16</sub> -alkyl esters, polymers with 2-hydroxyethyl methacrylate, Me methacrylate and $\gamma$ - $\omega$ -perfluoro-C <sub>8-14</sub> -alkyl acrylate	129783-45-5	
316	2-Propenoic acid, dodecyl ester, polymers with Bu (1-oxo-2-propenyl)carbamate and $\gamma$ - $\omega$ -perfluoro-C <sub>8-14</sub> -alkyl acrylate	144031-01-6	
317	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-heptadecafluorodecyl 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, 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 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18-tritriacontafuorooctadecyl 2-propenoate	116984-14-6	
318	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester, homopolymer	74049-08-4	
319	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, 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	65104-45-2	
320	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	53515-73-4	
321	Poly(oxy-1,2-ethanediyl),a-[2-[2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl) amino]ethyl]- $\omega$ -hydroxy	93480-00-3	
322	2-Propenoic acid, polymer with 2-ethenyl naphthalene and 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-2-hydroxyundecyl 2-propenoate	934505-67-6	
323	2-Propenoic acid, 2-methyl-, octadecyl 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-heptadecafluorodecyl 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	142636-88-2	
324	Amides, C <sub>7-19</sub> , $\alpha$ - $\omega$ -perfluoro-N,N-bis(hydroxyethyl)	90622-99-4	
325	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-nonadecafluoro-1-oxodecyl)-, inner salt	71356-38-2	
326	2-Propenoic acid, perfluoro-C <sub>8-16</sub> -alkyl esters	85681-64-7	
327	2-Propenoic acid, 2-methyl-, C <sub>10-16</sub> -alkyl esters, polymers with 2-hydroxyethylmethacrylate, Me methacrylate and perfluoro-C <sub>8-14</sub> -alkyl acrylate	125328-29-2	
328	Phosphine, tris[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-	325459-92-5	

	heptadecafluorodecyl)phenyl]-		
329	Palladium, dichlorobis[tris[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl]phosphine-κP]-	326475-46-1	
330	1-Propanaminium, N-(2-carboxyethyl)-N,N-bis(2-hydroxyethyl)-3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-, inner salt	39186-68-0	
331	Octanamide, N-[3-[bis(2-hydroxyethyl)amino]propyl]-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-	41358-63-8	
332	Benzenesulfonyl chloride, 3,4-bis[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-	24216-05-5	
333	1-Propanaminium,N,N,N-trimethyl-3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl) amino]-, chloride (1:1)	53517-98-9	
334	1-Propanaminium, N,N,N-trimethyl-3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl) amino]-, iodide (1:1)	335-90-0	
335	Octanamide, N-(3-aminopropyl)-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-	85938-56-3	
336	1-Propanesulfonic acid,3-[ethyl (2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-,sodium salt (1:1)	89685-61-0	
337	Nonene, heptadecafluoro-1-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl)oxy]-	84029-60-7	
338	Glycine, N-ethyl-N-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)-, ammonium salt	138473-79-7	
339	Octanamide, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-N-(14-hydroxy-3,6,9,12-tetraoxatetradec-1-yl)-	89932-71-8	
340	Ethanaminium, N,N,N-trimethyl-2-[(2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-1-oxooctyl)amino]-, chloride (1:1)	178766-44-4	
341	Octanamide, N-[3-(dimethylamino)propyl]-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-	376-23-8	
342	1-Pentanaminium, N,N,N-trimethyl-5-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-, iodide (1:1)	91707-61-8	
343	Octanamide, N-[3-(dimethyloxidoamino)propyl]-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-	30295-53-5	
344	Pyridinium, 1-[2-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]ethyl]-, chloride (1:1)	308-01-0	
345	Pyridinium, 1-[2-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]ethyl]-, bromide (1:1)	331755-02-3	
346	Piperazinium, 1-(2-hydroxyethyl)-1-methyl-4-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)-, chloride (1:1)	103555-98-2	
347	1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-, inner salt	90179-39-8	
348	1-Propanaminium, N-(2-carboxyethyl)-3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-N,N-dimethyl-, inner salt	5158-52-1	
349	Ethanesulfonic acid, 2-[ethyl(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-, potassium salt (1:1)	57670-46-9	
350	1-Propanesulfonic acid, 3-[(3-aminopropyl)(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-2-hydroxy-, sodium salt (1:1)	98900-76-6	
351	Benzenesulfonic acid, 4-[[[3-(methylamino)propyl](2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]methyl]-, sodium salt (1:1)	98900-75-5	
352	Octanamide, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-N-[3-(trimethoxysilyl)propyl]-	98046-76-5	
353	Poly(oxy-1,2-ethanediyl), α-[dimethoxy[3-	154380-30-0	

[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]propyl)silyl]- $\omega$ -[[dimethoxy[3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]propyl)silyl]oxy]-				
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公告事項第二項附表二修正對照表

修正規定				現行規定				說明
附表二 公告列管毒性化學物質禁止運作事項一覽表				附表二 公告列管毒性化學物質禁止運作事項一覽表				<p>一、修正壬基酚及壬基酚聚乙氧基醇之禁止運作事項及生效日期：</p> <p>(一) 參考歐盟 REACH 附錄十七項目四十六，禁止壬基酚及壬基酚聚乙氧基醇用於工業及公共機構用清潔劑 (Industrial and institutional cleaning, I&amp;I cleaning)、紡織品和皮革製品之處理、金屬加工、紙漿和紙張之製造等具環境風險之相關用途。惟運作人若提出設備、製程及廢水、廢棄物整體處理規劃，證明其使用係於受控之系統、製程、防制設備，可完全回收、焚化或自廢水移除壬基酚及壬基酚聚乙氧基醇，降低其環境風險，且非於國內市場使用及販賣，則不在此限。</p> <p>(二) 本項所指「清潔劑 (Detergent)」，係指任何用於清潔過程中，含肥皂或界面活性劑之物質或混合物。</p> <p>(三) 考量壬基酚及壬基酚聚乙氧基醇於國內之使用現況，禁止運作事項給予原管制濃度達 5% 以上者一年半緩衝期、新管制濃度區間達 0.1% 未達 5% 者與新列入之化學文摘社登記號碼者二年緩衝期；既有運作業</p>
列管編號	序號	化學物質 中文名稱	禁止運作事項	列管編號	序號	化學物質 中文名稱	禁止運作事項	
165	01	壬基酚 (壬酚)	<p>1. 禁止使用於製造家用清潔劑。</p> <p>2. 禁止使用於下列用途。但受控之系統、製程、防制設備，可完全回收、焚化或自廢水移除，且非於國內市場使用及販賣者，不在此限：</p> <p>(1) 製造工業及公共機構用清潔劑。</p> <p>(2) 處理紡織品或皮革製品。</p> <p>(3) 金屬加工。</p> <p>(4) 製造紙漿或紙張。</p> <p>3. 前項生效日期如下：</p> <p>(1) 壬基酚化學文摘社登記號碼 25154-52-3、84852-15-3 及壬基酚聚乙氧基醇化學文摘社登記號碼 9016-45-9、26027-38-3 濃度 5% 以上，自中華民國一百十五年十二月一日生效。</p> <p>(2) 壬基酚化學文摘社登記號碼 25154-52-3、84852-15-3 及壬基酚聚乙氧基醇化學文摘社登記號碼 9016-45-9、26027-38-3 濃度 0.1% 以上未達 5%，自中華民國一百十六年六月一日生效。</p> <p>(3) 除前二款外之壬基酚及壬基酚聚乙氧基醇之其他化學文摘社登記號碼，自中華民國一百十六年六月一日生效。</p>	165	01 02	壬基酚 (壬酚) 壬基酚聚乙氧基醇	禁止使用於製造家用清潔劑	

		<p>者應於規定期限內調整壬基酚及壬基酚聚乙氧基醇之運作，並視實際運作情形申請或變更許可證、登記文件或核可文件。</p>
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公告事項第三項附表三修正對照表

修正規定				現行規定				說	明
附表三 公告列管毒性化學物質得使用用途一覽表				附表三 公告列管毒性化學物質得使用用途一覽表				<p>一、經調查國內實際運作情形及參考歐盟 REACH 限制壬基酚及壬基酚聚乙氧基醇用於工業及公共機構用清潔劑、紡織品和皮革製品之處理、金屬加工、紙漿和紙張之製造等具環境風險之相關用途，修正得使用用途；並考量壬基酚、壬基酚聚乙氧基醇其用途相似，且具有相同禁止運作事項，整合壬基酚及壬基酚聚乙氧基醇之得使用用途一致。</p> <p>二、修正全氟辛烷磺酸 (PFOS) 及其鹽類與相關化合物、全氟辛酸 (PFOA) 及其鹽類與相關化合物之得使用用途：                      (一)配合增列五種全氟辛烷磺酸鹽類與相關化合物，調整原全氟辛烷磺酸（列管編號 169-01）名稱為全氟辛烷磺酸及其鹽類與相關化合物，並刪除全氟辛烷磺酸鋰鹽（列管編號 169-02）、全氟辛烷磺醯氟（列管編號 169-03）。                      (二)配合增列三百五十二種全氟辛酸鹽類與相關化合物，調整原全氟辛酸（列管編號 169-04）名稱為全氟辛酸及其鹽類與相關化合物。                      (三)參考歐盟持久性有機污染物條例豁免原則，於無適當之更安全替代品，為了尋找更安全替</p>	
列管編號	序號	化學物質 中文名稱	用途	列管編號	序號	化學物質 中文名稱	用途		
165	01	壬基酚（壬酚）	1.研究、試驗、教育。 2.製藥。 3.合成樹脂、酚醛樹脂之原料。 4.抗氧化劑。	165	01	壬基酚（壬酚）	1.研究、試驗、教育。 2.工業用清潔劑、界面活性劑。 3.製藥。 4.抗氧化劑。 5.安定劑。 6.電路積層板。 7.合成樹脂、酚醛樹脂之原料。 8.殺精劑。		
165	02	壬基酚聚乙氧基醇	5.安定劑。 6.殺精劑。 7.油品、染顏料、印花油墨之乳化劑、分散劑。 8.漆類、塗料、黏著劑。						
169	01	全氟辛烷磺酸及其鹽類與相關化合物	1.研究、試驗、教育。 2.使用於封閉系統中硬金屬電鍍。						
169	04	全氟辛酸及其鹽類與相關化合物	1.研究、試驗、教育。 2.半導體之光蝕刻或蝕刻製程。 3.攝影底片塗層之製造。 4.具撥油、撥水性之勞工用紡織品之製造。 5.工業廢熱交換器及工業密封劑之聚四氟乙烯(PTFE)及聚偏氟乙烯膜(PVDF)之製造。 6.高壓電線及電纜之聚氟乙烯丙烯(FEP)之製造。 7.車用內裝之圓形環、三角皮帶及塑膠零件之製造。	165	02	壬基酚聚乙氧基醇	1.研究、試驗、教育。 2.工業用清潔劑、界面活性劑。 3.製藥。 4.紡織用精煉劑、滲透劑、分散劑、安定劑、沉澱防止劑、乳化劑、皂洗劑。 5.助焊劑、電路積層板清洗劑。 6.金屬工業脫脂劑、光澤劑、切削油、乳化劑。 7.皮革脫脂劑。 8.農藥乳化劑、分散劑、展著劑。 9.樹脂乳化、聚合乳化劑。 10.油品乳化劑、分散劑。 11.染顏料、印花油墨之分散助劑。 12.羽毛、紙業之脫脂、除臭劑。 13.水處理鑄模消泡、離型劑。		
				169	01	全氟辛烷磺酸	1.研究、試驗、教育。 2.使用於封閉系統中硬金屬電鍍。		
					02	全氟辛烷磺酸鋰鹽			
					03	全氟辛烷磺醯氟			
				169	04	全氟辛酸	1.研究、試驗、教育。 2.半導體的光刻或蝕刻製程。 3.攝影底片塗層之製造。 4.具撥油、撥水性之勞工用紡織品之製造。 5.工業廢熱交換器及工業密封劑之聚四氟乙烯(PTFE)及聚偏氟乙烯膜(PVDF)之製造。		

			<p>6.高壓電線及電纜之聚氟乙烯丙烯(FEP)之製造。 7.車用內裝之圓形環、三角皮帶及塑膠零件之製造。</p>	<p>代品之情況下，得繼續豁免 PFOS 及 PFOA 之使用；透過應用最佳可行技術以最大限度降低 PFOS 及 PFOA 排放至環境中。爰本次增列化合物之得使用用途與現行規定相同，以求管理一致。</p> <p>(四)配合國內產業用語修正全氟辛酸及其鹽類與相關化合物半導體得使用用途，半導體之光蝕刻為多步驟製程，包括薄膜形成、黃光、蝕刻等，均為得使用之半導體光蝕刻製程。</p>
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公告事項第四項附表四修正對照表

修正規定	現行規定	說明																																																																				
<p>附表四 已運作公告列管毒性化學物質應於規定期限完成相關事項一覽表</p> <p>(一) 全氟己烷磺酸及其鹽類與相關化合物、全氟辛烷磺酸及其鹽類與相關化合物(化學文摘社登記號碼 1763-23-1、29457-72-5、307-35-7)、全氟辛酸及其鹽類與相關化合物(化學文摘社登記號碼 335-67-1)應於規定期限完成相關事項一覽表</p> <table border="1" data-bbox="181 499 1270 1409"> <tr> <td>毒性化學物質</td> <td>全氟己烷磺酸及其鹽類與相關化合物、全氟辛烷磺酸及其鹽類與相關化合物(化學文摘社登記號碼 1763-23-1、29457-72-5、307-35-7)未達濃度 0.01%、全氟辛酸及其鹽類與相關化合物(化學文摘社登記號碼 335-67-1)未達濃度 0.01%應於規定期限完成相關事項</td> </tr> <tr> <td>規定事項</td> <td></td> </tr> <tr> <td>運作紀錄及釋放量紀錄。</td> <td>自公告日起開始記錄並依規定定期申報。</td> </tr> <tr> <td>提報危害預防及應變計畫。</td> <td>中華民國一百十四年五月一日前完成提報。</td> </tr> <tr> <td>完成容器、包裝、運作場所及設施之標示並備安全資料表。</td> <td>中華民國一百十四年五月一日前完成改善。</td> </tr> <tr> <td>運送毒性化學物質。</td> <td>中華民國一百十四年十一月一日前依規定辦理。</td> </tr> <tr> <td>備緊急應變工具及設備。</td> <td>中華民國一百十四年五月一日前完成。</td> </tr> <tr> <td>提報應變器材、偵測及警報設備之設置及操作計畫。</td> <td>中華民國一百十四年八月一日前完成提報。</td> </tr> <tr> <td>提報聯防組織設立計畫。</td> <td>中華民國一百十四年八月一日前完成提報。</td> </tr> <tr> <td>完成偵測及警報設備之設置。</td> <td>中華民國一百十四年十一月一日前完成設置。</td> </tr> <tr> <td>依備查之危害預防及應變計畫內容實施。</td> <td>中華民國一百十四年十一月一日起實施。</td> </tr> <tr> <td>專業技術管理人員。</td> <td>中華民國一百十四年十一月一日前完成設置。</td> </tr> <tr> <td>責任保險。</td> <td>自公告日起六個月內完成投保事宜。</td> </tr> <tr> <td>專業應變人員。</td> <td>中華民國一百十四年十一月一日前完成訓練及登載。</td> </tr> <tr> <td>依規定取得許可證、登記文件或核可文件。</td> <td>中華民國一百十四年十一月一日前取得。</td> </tr> <tr> <td>其他本表未列事項。</td> <td>自即日起依有關規定辦理。</td> </tr> </table>	毒性化學物質	全氟己烷磺酸及其鹽類與相關化合物、全氟辛烷磺酸及其鹽類與相關化合物(化學文摘社登記號碼 1763-23-1、29457-72-5、307-35-7)未達濃度 0.01%、全氟辛酸及其鹽類與相關化合物(化學文摘社登記號碼 335-67-1)未達濃度 0.01%應於規定期限完成相關事項	規定事項		運作紀錄及釋放量紀錄。	自公告日起開始記錄並依規定定期申報。	提報危害預防及應變計畫。	中華民國一百十四年五月一日前完成提報。	完成容器、包裝、運作場所及設施之標示並備安全資料表。	中華民國一百十四年五月一日前完成改善。	運送毒性化學物質。	中華民國一百十四年十一月一日前依規定辦理。	備緊急應變工具及設備。	中華民國一百十四年五月一日前完成。	提報應變器材、偵測及警報設備之設置及操作計畫。	中華民國一百十四年八月一日前完成提報。	提報聯防組織設立計畫。	中華民國一百十四年八月一日前完成提報。	完成偵測及警報設備之設置。	中華民國一百十四年十一月一日前完成設置。	依備查之危害預防及應變計畫內容實施。	中華民國一百十四年十一月一日起實施。	專業技術管理人員。	中華民國一百十四年十一月一日前完成設置。	責任保險。	自公告日起六個月內完成投保事宜。	專業應變人員。	中華民國一百十四年十一月一日前完成訓練及登載。	依規定取得許可證、登記文件或核可文件。	中華民國一百十四年十一月一日前取得。	其他本表未列事項。	自即日起依有關規定辦理。	<p>附表四 已運作公告列管毒性化學物質應於規定期限完成相關事項一覽表</p> <p>(一) 氧化三丁錫、氫氧化三苯錫、醋酸三丁錫、溴化三丁錫、氟化三丁錫、氟化三丁錫、氫化三丁錫、溴化三苯錫、醋酸三苯錫、氟化三苯錫應於規定期限完成相關事項一覽表</p> <table border="1" data-bbox="1270 468 2386 1619"> <tr> <td>毒性化學物質</td> <td>氧化三丁錫、氫氧化三苯錫規定期限完成事項<sup>(註)</sup></td> <td>醋酸三丁錫、溴化三丁錫、氟化三丁錫、氫化三丁錫、氟化三丁錫、氫化三丁錫、溴化三苯錫、醋酸三苯錫及氟化三苯錫規定期限完成事項<sup>(註)</sup></td> </tr> <tr> <td>規定事項</td> <td></td> <td></td> </tr> <tr> <td>提報危害預防及應變計畫。</td> <td>自即日起。</td> <td>中華民國一百十三年五月一日前完成。</td> </tr> <tr> <td>運送毒性化學物質。</td> <td>中華民國一百十三年二月一日起依規定辦理。</td> <td>中華民國一百十三年八月一日起依規定辦理。</td> </tr> <tr> <td>提報應變器材、偵測及警報設備之設置及操作計畫。</td> <td>自即日起。</td> <td>中華民國一百十三年五月一日前完成提報。</td> </tr> <tr> <td>提報聯防組織設立計畫。</td> <td>自即日起。</td> <td>中華民國一百十三年五月一日前完成提報。</td> </tr> <tr> <td>完成偵測及警報設備之設置。</td> <td>自即日起。</td> <td>中華民國一百十三年八月一日前完成設置。</td> </tr> <tr> <td>依備查之危害預防及應變計畫內容實施。</td> <td>自即日起。</td> <td>中華民國一百十三年八月一日起實施。</td> </tr> <tr> <td>專業技術管理人員。</td> <td>自即日起。</td> <td>中華民國一百十三年八月一日前完成設置。</td> </tr> <tr> <td>專業應變人員。</td> <td>中華民國一百十二年七月一日前完成訓練及登載。</td> <td>中華民國一百十三年八月一日前完成訓練及登載。</td> </tr> <tr> <td>依規定取得許可證、登記文件或核可文件。</td> <td>中華民國一百十三年八月一日前取得或完成證件變更。</td> <td>中華民國一百十三年八月一日前取得或完成證件變更。</td> </tr> <tr> <td>其他本表未列事項。</td> <td>中華民國一百十三年二月一日起依有關規定辦理。</td> <td>中華民國一百十三年二月一日起依有關規定辦理。</td> </tr> </table>	毒性化學物質	氧化三丁錫、氫氧化三苯錫規定期限完成事項 <sup>(註)</sup>	醋酸三丁錫、溴化三丁錫、氟化三丁錫、氫化三丁錫、氟化三丁錫、氫化三丁錫、溴化三苯錫、醋酸三苯錫及氟化三苯錫規定期限完成事項 <sup>(註)</sup>	規定事項			提報危害預防及應變計畫。	自即日起。	中華民國一百十三年五月一日前完成。	運送毒性化學物質。	中華民國一百十三年二月一日起依規定辦理。	中華民國一百十三年八月一日起依規定辦理。	提報應變器材、偵測及警報設備之設置及操作計畫。	自即日起。	中華民國一百十三年五月一日前完成提報。	提報聯防組織設立計畫。	自即日起。	中華民國一百十三年五月一日前完成提報。	完成偵測及警報設備之設置。	自即日起。	中華民國一百十三年八月一日前完成設置。	依備查之危害預防及應變計畫內容實施。	自即日起。	中華民國一百十三年八月一日起實施。	專業技術管理人員。	自即日起。	中華民國一百十三年八月一日前完成設置。	專業應變人員。	中華民國一百十二年七月一日前完成訓練及登載。	中華民國一百十三年八月一日前完成訓練及登載。	依規定取得許可證、登記文件或核可文件。	中華民國一百十三年八月一日前取得或完成證件變更。	中華民國一百十三年八月一日前取得或完成證件變更。	其他本表未列事項。	中華民國一百十三年二月一日起依有關規定辦理。	中華民國一百十三年二月一日起依有關規定辦理。	<p>一、氧化三丁錫、氫氧化三苯錫、醋酸三丁錫、溴化三丁錫、氟化三丁錫、氟化三丁錫、氫化三丁錫、溴化三苯錫、醋酸三苯錫、氟化三苯錫、三苯基-<math>\alpha</math>-萘錫(化學文摘社登記號碼 81134-67-0)、氟化三丙錫(化學文摘社登記號碼 682-32-6)、溴化三甲苯錫(化學文摘社登記號碼 58436-46-7)及參(三苯錫)甲烷(化學文摘社登記號碼 50485-45-5)之期限及相關規定事項均已如期實施，爰刪除(一)(二)期限一覽表。</p> <p>二、因刪除現行(一)(二)，調整附表順序，(三)移列為(一)。並因應原全氟辛烷磺酸(化學文摘社登記號碼 1763-23-1)、全氟辛烷磺酸鋰鹽(化學文摘社登記號碼 29457-72-5)、全氟辛烷磺醯氟(化學文摘社登記號碼 307-35-7)名稱調整為全氟辛烷磺酸及其鹽類與相關化合物；原全氟辛酸(化學文摘社登記號碼 335-67-1)名稱調整為全氟辛烷及其鹽類與相關化合物，爰酌作文字修正。</p> <p>三、配合本次增列壬基酚及壬基酚聚乙氧基醇化學文摘社登記號碼，並調整管制濃度為0.1%，增列(二)應於規定期限完成相關事項。另考量本次修正壬基酚及壬基酚聚乙氧基醇附表二禁止運作事項及附表三得</p>
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提報應變器材、偵測及警報設備之設置及操作計畫	自即日起。	中華民國一百十五年九月一日前完成提報。
提報聯防組織設立計畫	自即日起。	中華民國一百十五年九月一日前完成。
完成偵測及警報設備之設置	自即日起。	中華民國一百十五年十二月一日前完成設置。
依備查之危害預防及應變計畫內容實施	自即日起。	中華民國一百十五年十二月一日起實施。
專業技術管理人員	自即日起。	中華民國一百十六年六月一日前完成設置。
責任保險	自即日起。	自公告日起六個月內完成投保事宜。
專業應變人員	自即日起。	中華民國一百十五年十二月一日起完成訓練及登載。
依規定取得許可證、登記文件或核可文件	中華民國一百十五年十二月一日前完成變更。	中華民國一百十六年六月一日前取得。
其他本表未列事項	自即日起。	中華民國一百十五年六月一日起依有關規定辦理。

註：限原已取得許可證、登記文件或核可文件者。

**(三) 全氟辛烷磺酸及其鹽類與相關化合物、全氟辛酸及其鹽類與相關化合物應於規定期限完成相關事項一覽表**

毒性化學物質	全氟辛烷磺酸及其鹽類與相關化合物(除化學文摘社登記號碼1763-23-1、29457-72-5、307-35-7)、全氟辛酸及其鹽類與相關化合物(除化學文摘社登記號碼335-67-1)應於規定期限完成相關事項	
規定事項		
運作紀錄及釋放量紀錄。	中華民國一百十四年六月一日起開始記錄並依規定定期申報。	
提報危害預防及應變計畫。	中華民國一百十五年六月一日前完成提報。	
完成容器、包裝、運作場所及設施之標示並備安全資料表。	中華民國一百十五年六月一日前完成改善。	
運送毒性化學物質。	中華民國一百十五年十二月一日前依規定辦理。	
備緊急應變工具及設備。	中華民國一百十五年六月一日前完成提報。	
提報應變器材、偵測及警報設備之設置及操作計畫。	中華民國一百十五年九月一日前完成提報。	
提報聯防組織設立計畫。	中華民國一百十五年九月一日前完成。	
完成偵測及警報設備之設置。	中華民國一百十五年十二月一日前完成設置。	
依備查之危害預防及應變計畫內容實施。	中華民國一百十五年十二月一日起實施。	

**(二) 三苯基- $\alpha$ -萘錫(化學文摘社登記號碼81134-67-0)、氟化三丙錫(化學文摘社登記號碼682-32-6)、溴化三甲苯錫(化學文摘社登記號碼58436-46-7)及參(三苯錫)甲烷(化學文摘社登記號碼50485-45-5)應於規定期限完成相關事項一覽表**

毒性化學物質	三苯基- $\alpha$ -萘錫(化學文摘社登記號碼81134-67-0)、氟化三丙錫(化學文摘社登記號碼682-32-6)、溴化三甲苯錫(化學文摘社登記號碼58436-46-7)、參(三苯錫)甲烷(化學文摘社登記號碼50485-45-5)規定期限完成事項
規定事項	
運作紀錄及釋放量紀錄。	中華民國一百十二年八月一日起開始記錄並依規定定期申報。
專業應變人員。	中華民國一百十三年八月一日前完成訓練及登載。
依規定取得核可文件。	中華民國一百十三年八月一日前取得。
其他本表未列事項。	中華民國一百十三年二月一日起依有關規定辦理。

**(三) 全氟己烷磺酸及其鹽類與相關化合物、全氟辛烷磺酸、全氟辛烷磺醯氟、全氟辛烷磺酸鋰鹽、全氟辛酸應於規定期限完成相關事項一覽表**

毒性化學物質	全氟己烷磺酸及其鹽類與相關化合物、全氟辛烷磺酸(未達濃度0.01%)、全氟辛烷磺醯氟(未達濃度0.01%)、全氟辛烷磺酸鋰鹽(未達濃度0.01%)、全氟辛酸(未達濃度0.01%)應於規定期限完成相關事項
規定事項	
運作紀錄及釋放量紀錄。	自公告日起開始記錄並依規定定期申報。
提報危害預防及應變計畫。	中華民國一百十四年五月一日前完成提報。
完成容器、包裝、運作場所及設施之標示並備安全資料表。	中華民國一百十四年五月一日前完成改善。
運送毒性化學物質。	中華民國一百十四年十一月一日前依規定辦理。
備緊急應變工具及設備。	中華民國一百十四年五月一日前完成。
提報應變器材、偵測及警報設備之設置及操作計畫。	中華民國一百十四年八月一日前完成提報。
提報聯防組織設立計畫。	中華民國一百十四年八月一日前完成提報。
完成偵測及警報設備之設置。	中華民國一百十四年十一月一日前完成設置。
依備查之危害預防及應變計畫內容實施。	中華民國一百十四年十一月一日起實施。
專業技術管理人員。	中華民國一百十四年十一月一日前完成設置。
責任保險。	自公告日起六個月內完成投保事宜。
專業應變人員。	中華民國一百十四年十一月一日前完成訓練及登載。
依規定取得許可證、登記文件或核可文件。	中華民國一百十四年十一月一日前取得。
其他本表未列事項。	自即日起依有關規定辦理。

使用用途，既有運作者應於規定期限內調整壬基酚及壬基酚聚乙氧基醇之運作，並視實際運作情形變更許可證、登記文件或核可文件。  
 四、配合本次新增納管全氟辛烷磺酸鹽類與相關化合物、全氟辛酸鹽類與相關化合物，爰增列  
 (三)應於規定期限完成相關事項。

內容實施。			
<u>專業技術管理人員。</u>	<u>中華民國一百十五年十二月一日前完成設置。</u>		
<u>責任保險。</u>	<u>自公告日起六個月內完成投保事宜。</u>		
<u>專業應變人員。</u>	<u>中華民國一百十五年十二月一日起完成訓練及登載。</u>		
<u>依規定取得許可證、登記文件或核可文件。</u>	<u>中華民國一百十五年十二月一日前取得。</u>		
<u>其他本表未列事項。</u>	<u>自即日起依有關規定辦理。</u>		