

Chemours Company - Fayetteville Works  
Fluorinated Compounds in Emissions Inventory  
2017-2022

CAS No.	Chemical Name	Chemical Formula	2022 Emissions (lb/yr)	2021 Emissions (lb/yr)	2020 Emissions (lb/yr)	2019 Emissions (lb/yr)	2018 Emissions (lb/yr)	2017 Emissions (lb/yr)
39654-39-2	1VE - 1-[2-[difluoro(trifluoromthoxy)methoxy]-1,1,2,2,-tetrafluroethoxy]trifluoroethene	C6F12O3	0.00	0.00	12.87	--	--	
1422-71-5	BMTK	C7H6F8O3	0.00	0.00	0.00	0.00	1.22	0.6
360-89-4	C4-Perfluoro-2-butene	C4F8	145.89	137.00	78.66	1624.00	1008.00	985
376-87-4	C5-Perfluoropentene	C5F10	0.00	0.00	0.00	25.50	1.20	18
75-73-0	Carbon Tetrafluoride	CF4	20.90	21.00				
353-50-4	Carbonyl Fluoride	COF2	1181.53	437.00	479.51	2183.48	3568.81	4404.8
4089-58-1	DA-Diadduct	C8F16O5S	32.59	36.00	255.56	315.00	294.00	289
69116-73-0	DAE	C10H3F15O5	13.04	6.00	43.42	42.00	83.20	55
3330-15-2	E1 - Propane, 1,1,2,2,3,3-Heptafluoro-3-(1,2,2,2-Tetrafluoroethoxy)-	C5HF11O	160.00	152.00	228.00	99.53	448.25	535.9
3330-14-1	E2 - 2H-Perfluoro-5-methyl-3,6-dioxanonane	C8HF17O2	2492.39	2675.00	2778.00	8529.00	16769.00	9595.1
3330-16-3	E3 - 2H-Perfluoro-5,8-dimethyl-3,6,9-trioxadodecane	C11HF23O3	5.13	4.00	5.44	1.92	7.43	9.6
63863-43-4	EVE	C9H3F13O4	257.04	111.00	61.58	630.06	1207.53	829.51
76-13-1	F113 Trichloro-1,2,2-trifluoro- 1,1,2-ethane	C2Cl3F3	1976.20	2072.00	1897.63	3606.00	2251.00	796.5
51798-33-5	FRD-901	C3F6On(C6HF11O3)	0.41	0.00	0.24	0.38	0.42	0.3
62037-80-3	FRD-902 (ammonium salt)	C6H4F11NO3				0.00	0.00	0
684-16-2	Hexafluoroacetone	C3F6O	0.00	0.00	0.00	0.00	0.00	--
116-15-4	HFP-Hexafluoropropylene	C3F6	1983.76	1943.00	1933.97	87121.00	47836.40	48542
13252-13-6	HFPO Dimer Acid	C6HF11O3	2.44	0.87	2.12	7.03	317.98	671.3
2062-98-8	HFPO Dimer Acid Fluoride (DAF)	C6F12O2	12.67	28.00	14.65	177.17	1455.77	1598.5
2641-34-1	HFPO Trimer	C9F18O3	490.19	490.00	505.05	508.12	280.22	281.1
428-59-1	HFPO-Hexafluoropropylene Epoxide	C3F6O	1983.66	1899.00	1874.13	67367.00	69145.00	60895.08
87483-34-9 or 660857-95-4	HydroEVE	C9H3F13O4	11.97	5.12	3.03	7.46	9.90	7
360796-50-5	HydroPEVE	C4HF9O	10.10	10.00	11.20	12.30	13.30	14

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75549-02-9 or 755-02-9	HydroPSEPVE	C7HF15O4S	0.00	0.00	0.00	0.65	0.01	1
56347-79-6	Initiator - Peroxide, bis[2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-1-oxopropyl]	C12F22O6	22.01	21.00	18.60	39.70	7.29	7.6
73122-14-2	IsoEVE	C9H3F13O4	18.69	8.00	4.90	11.50	15.50	10
34805-58-8	IsoPSEPVE	C7F14O4S	0.00	0.00	0.00	1.94	0.03	2
69116-72-9	MAE	C7H3F9O4	8.20	4.00	28.20	27.50	54.00	36
4089-57-0	MA-Monoadduct	C5F10O4S	1.42	2.00	114.18	141.00	110.00	129
2479-75-6	MD-2,3,3,3-tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(trifluoromethoxy)propoxy]-propanoyl fluoride	C7F14O3	19.00	19.00	56.20	61.50	66.40	71
593-53-3	Methyl Fluoride	CH3F	0.28	0.00	0.13	838.10	5537.90	3321.4
69116-71-8	MMF-Methyl 2,2,3-trifluoro-3-oxopropanoate	C4H3F3O3	264.69	111.00	67.80	87.08	93.54	35.1
425-88-7	MTFE	C3H4F4O	174.24	73.00	41.73	105.40	17.51	8.2
755-73-7	MTP	C5H6F4O3	0.00	0.00	0.00	0.00	14.13	6.6
93449-21-9	MTP Acid	C4H4F4O3	0.00	0.00	0.00	0.00	0.00	0.001
3823-94-7	MTVE-Methyl Trifluorovinyl ether	C3H3F3O	65.34	23.00	15.65	39.52	12.28	5.7
39654-38-1	n1 Adduct - Propanoyl fluoride, 2-[2-(difluoro9trifluormethoxy)methoxy]-1,1,2,2-tetrafluoroethoxy]-2,3,3,3-tetrafluoro		0.00	0.00	20.24	--	--	
	Other Acid Fluorides not Speciated	N/A	33.81	29.02	16.95	1948.00	322.00	
354-34-7	PAF-Perfluoroacetyl Fluoride	C2F4O	255.05	246.00	326.20	1565.70	1917.90	3360.1
1682-78-6	PEPF-Perfluoroethoxypropionyl Fluoride	C5F10O2	92.00	91.00	253.00	377.00	1464.10	391
379-16-8	Perfluoromethylcyclopropane	C4F8	71.50	70.00	67.54	--	--	
10493-43-3	PEVE-Perfluoroethyl vinyl ether	C4F8O	1336.03	1324.00	1185.04	1610.50	1697.00	1536.3
335-67-1	PFOA Perflorooctanoic Acid	C8HF15O2	0.01	0.01	0.01	0.01	0.02	

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2927-83-5	PMPF-Perfluoromethoxypropionyl Fluoride	C4F8O2	540.00	535.00	606.00	878.00	918.00	939
1187-93-5	PMVE-Perfluoromethyl vinyl ether	C3F6O	1562.07	1549.00	1388.03	2941.00	2796.00	1872.3
422-61-7	PPF-Perfluoropropionyl fluoride	C3F6O	24.68	21.00	28.29	1014.20	153.26	79
1623-5-8	PPVE-Perfluoropropyl vinyl ether	C5F10O	1056.03	926.00	599.92	2197.36	1816.80	2845.55
16090-14-5	PSEPVE	C7F14O4S	2527.96	2909.00	2212.86	6727.00	9984.00	4736.3
677-67-8	RSU-Rearranged Sultone	C2F4O3S	17.18	4.00	37.42	9.78	5.88	7.7
31175-20-9	SR Resin	C9HF17O5S	30.60	35.00	33.90	39.10	41.20	
697-18-7	SU-Sultone	C2F4O3S	5.42	1.00	3.37	0.80	0.46	0.6
4628-44-8	TA	C11F22O6S	1.16	1.26	9.32	11.50	9.00	11
69116-67-2	TAE	C13H3F21O6	0.56	0.24	1.91	1.85	3.66	2
3299-24-9	TAF - Trifluoromethyl carbonofluoridate	C2F4O2	537.00	537.00	537.00	537.00	279.90	
21703-43-5	TAF-Telomeric acid fluorides (n=1)	C4F8O3	8.37	8.00	66.83	66.96	26.67	26.7
21703-45-7	TAF-Telomeric acid fluorides (n=2)	C5F9O4	10.25	12.00	7.97	20.00	845.00	843
21703-47-9	TAF-Telomeric acid fluorides (n=3)	C6F12O5	6.13	6.00	6.13	11.71	6.20	6
21703-49-1	TAF-Telomeric acid fluorides (n=4)	C7F14O6	7.97	8.00	7.97	13.55	8.06	8
21703-48-0	Telomeric fluoroformate - TFF (COF2)6	C6O6F12	30.03	32.54	30.03	31.00	873.00	868
116-14-3	TFE-Tetrafluoroethylene	C2F4	996.55	1035.00	1015.07	77949.00	78788.57	88365.9
75-46-7	Trifluoromethane	CF3H			0.00	0.00	0.00	