

1 **7.SM.6 Tables of greenhouse gas lifetimes, radiative efficiencies and metrics**

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3 **[START TABLE 7.SM.7 HERE]**

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5 **Table 7.SM.7:** Greenhouse gas lifetimes, radiative efficiencies, Global Warming Potentials (GWPs), Global Temperature Potentials (GTPs) and Cumulative Global Temperature
6 Potentials (CGTPs). GWPs given for 20-year, 100-year and 500-year time horizons. GTPs and CGTPs given for 50-year and 100-year time horizons. Note CGTP
7 has units of years and is applied to a change in emission rate rather than a change in emission amount. Also shown are absolute values of GWPs and GTPs
8 (AGWPs and AGTPs), in units of picowatt years per square metre per kilogram (1 pW = 10⁻¹² W). Radiative efficiencies for CH₄ and N₂O given in this table do not
9 include chemical adjustments (values including chemical adjustments are given in Table 7.15).
10

Name	Formula	Lifetime (yr)	Radiative efficiency (W m ⁻² ppb ⁻¹)	AGWP 20 (pW m ⁻² yr kg ⁻¹)	GWP 20	AGWP 100 (pW m ⁻² yr kg ⁻¹)	GWP 100	AGWP 500 (pW m ⁻² yr kg ⁻¹)	GWP 500	AGTP 50 (pW m ⁻² yr kg ⁻¹)	GTP 50	AGTP 100 (pW m ⁻² yr kg ⁻¹)	GTP 100	CGTP 50 (yr)	CGTP 100 (yr)
Major Greenhouse Gases															
Carbon dioxide	CO ₂		1.33×10 ⁻⁵	0.0243	1	0.0895	1	0.314	1	0.000428	1	0.000395	1		
Methane	CH ₄	11.8	0.000388	1.98	81.2	2.49	27.9	2.5	7.95	0.00473	11	0.00212	5.38	2730	3320
Nitrous oxide	N ₂ O	109	0.0032	6.65	273	24.5	273	40.7	130	0.124	290	0.0919	233		
Chlorofluorocarbons															
CFC-11	CCl ₃ F	52	0.259	181	7430	497	5560	586	1870	2.43	5670	1.25	3160		
CFC-12	CCl ₂ F ₂	102	0.32	277	11400	998	11200	1600	5100	5.06	11800	3.66	9270		
CFC-13	CCIF ₃	640	0.278	301	12400	1450	16200	5500	17500	7.26	17000	7.4	18800		
CFC-112	CCl ₂ FCCl ₂ F	63.6	0.282	137	5620	413	4620	525	1670	2.06	4810	1.19	3020		
CFC-112a	CCl ₃ CClF ₂	52	0.246	115	4740	317	3550	374	1190	1.55	3620	0.795	2010		
CFC-113	CCl ₂ FCClF ₂	93	0.301	167	6860	583	6520	890	2830	2.96	6910	2.06	5210		
CFC-113a	CCl ₃ CF ₃	55	0.241	124	5110	351	3930	422	1350	1.73	4030	0.917	2320		
CFC-114	CClF ₂ CClF ₂	189	0.314	201	8260	844	9430	1930	6150	4.28	9990	3.71	9410		
CFC-114a	CCl ₂ FCF ₃	105	0.297	183	7510	664	7420	1080	3450	3.37	7880	2.46	6240		

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CFC-115	CCl ₂ CF ₃	540	0.246	180	7410	859	9600	3100	9880	4.3	10100	4.33	11000		
E-R316c	trans cyc (-CClFCF ₂ CF ₂ CClF-)	75	0.27	117	4810	379	4230	518	1650	1.91	4450	1.2	3040		
Z-R316c	cis cyc (-CClFCF ₂ CF ₂ CClF-)	114	0.3	136	5590	507	5660	865	2760	2.57	6020	1.94	4910		
CFC 1112	CClF=CClF	0.019	0.013	0.0111	0.454	0.0113	0.126	0.0113	0.036	1.18×10 ⁻⁵	0.028	8.96×10 ⁻⁶	0.023	12.3	14.5
CFC 1112a	CCl ₂ =CF ₂	0.006	0.007	0.00184	0.076	0.00188	0.021	0.00188	0.006	1.97×10 ⁻⁶	0.005	1.49×10 ⁻⁶	0.004	2.06	2.42
Hydrofluorochlorocarbons															
HCFC-21	CHCl ₂ F	1.7	0.145	14	575	14.3	160	14.3	45.6	0.0152	35.5	0.0114	29	15600	18300
HCFC-22	CHClF ₂	11.9	0.214	139	5690	175	1960	176	560	0.336	785	0.15	379	184000	222000
HCFC-31	CH ₂ ClF	1.2	0.068	6.96	286	7.11	79.4	7.11	22.6	0.00752	17.6	0.00567	14.4	7750	9130
HCFC-121	CHCl ₂ CCl ₂ F	1.11	0.146	5.11	210	5.22	58.3	5.22	16.6	0.00552	12.9	0.00416	10.5	5690	6700
HCFC-122	CHCl ₂ CClF ₂	0.9	0.159	4.94	203	5.05	56.4	5.05	16.1	0.00533	12.5	0.00403	10.2	5510	6490
HCFC-122a	CHClFCCl ₂ F	3.1	0.201	21.4	879	21.9	245	21.9	69.9	0.0236	55.3	0.0177	44.7	23800	28100
HCFC-123	CHCl ₂ CF ₃	1.3	0.16	7.92	325	8.09	90.4	8.09	25.8	0.00857	20	0.00646	16.4	8830	10400
HCFC-123a	CHClFCClF ₂	4	0.227	34.3	1410	35.3	395	35.3	113	0.0385	90	0.0285	72.3	38400	45200
HCFC-124	CHClFCF ₃	5.9	0.207	50.3	2070	53.4	597	53.4	170	0.0612	143	0.0435	110	57700	68100
HCFC-124a	CHF ₂ CClF ₂	17	0.25	124	5110	185	2070	186	592	0.521	1220	0.177	448	185000	232000
HCFC-132	CHClFCHClF	1.73	0.143	10.7	440	11	122	11	34.9	0.0116	27.2	0.00876	22.2	11900	14000
HCFC-132a	CHCl ₂ CHF ₂	1.12	0.127	6.17	253	6.3	70.4	6.3	20.1	0.00666	15.6	0.00503	12.7	6870	8090
HCFC-132c	CH ₂ FCCl ₂ F	4.1	0.169	29.6	1220	30.6	342	30.6	97.6	0.0334	78.1	0.0247	62.7	33200	39100
HCFC-133a	CH ₂ ClCF ₃	4.6	0.15	33.4	1370	34.7	388	34.7	111	0.0382	89.3	0.0281	71.3	37600	44400
HCFC-141	CH ₂ ClCHClF	1.14	0.072	4.08	168	4.17	46.6	4.17	13.3	0.00441	10.3	0.00333	8.43	4550	5350
HCFC-141b	CH ₃ CCl ₂ F	9.4	0.161	65.9	2710	77	860	77	246	0.115	269	0.064	162	82100	97700
HCFC-142b	CH ₃ CClF ₂	18	0.193	134	5510	205	2300	207	658	0.611	1430	0.203	514	203000	257000
HCFC-225ca	CHCl ₂ CF ₂ CF ₃	1.9	0.219	12	491	12.2	137	12.2	39	0.013	30.4	0.00979	24.8	13300	15700

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HCFC-225cb	CHCFCF ₂ CCIF ₂	5.9	0.293	47.8	1960	50.8	568	50.8	162	0.0582	136	0.0414	105	54900	64800
HCFO-1233zd(E)	(E)-CF ₃ CH=CHCl	0.116	0.065	0.34	14	0.347	3.88	0.347	1.11	0.000364	0.851	0.000276	0.7	380	447
HCFO-1233zd(Z)	(Z)-CF ₃ CH=CHCl	0.036	0.025	0.0398	1.64	0.0406	0.454	0.0406	0.129	4.25×10 ⁻⁵	0.099	3.23×10 ⁻⁵	0.082	44.4	52.3
(e)-1-chloro-2-fluoroethene	(E/Z)-CHCl=CHF	0.005	0.001	0.00032	0.013	0.000327	0.004	0.000327	0.001	3.42×10 ⁻⁷	0.001	2.6×10 ⁻⁶	0.001	0.357	0.42
Hydrofluorocarbons															
HFC-23	CHF ₃	228	0.191	301	12400	1310	14600	3300	10500	6.6	15400	5.95	15100		
HFC-32	CH ₂ F ₂	5.4	0.111	65.5	2690	69	771	69	220	0.0775	181	0.0561	142	74600	88000
HFC-41	CH ₃ F	2.8	0.025	11.8	485	12.1	135	12.1	38.6	0.013	30.4	0.00972	24.6	13200	15500
HFC-125	CHF ₂ CF ₃	30	0.234	164	6740	335	3740	349	1110	1.41	3300	0.512	1300		
HFC-134	CHF ₂ CHF ₂	10	0.194	95	3900	113	1260	113	361	0.18	420	0.0944	239	120000	143000
HFC-134a	CH ₂ FCF ₃	14	0.167	101	4140	137	1530	137	436	0.314	733	0.121	306	141000	172000
HFC-143	CH ₂ FCHF ₂	3.6	0.128	31.7	1300	32.6	364	32.6	104	0.0353	82.6	0.0263	66.6	35400	41700
HFC-143a	CH ₃ CF ₃	51	0.168	191	7840	520	5810	609	1940	2.53	5910	1.28	3250		
HFC-152	CH ₂ FCH ₂ F	0.471	0.045	1.89	77.6	1.93	21.5	1.93	6.14	0.00203	4.74	0.00153	3.89	2110	2480
HFC-152a	CH ₃ CHF ₂	1.6	0.102	14.4	591	14.7	164	14.7	46.8	0.0156	36.5	0.0118	29.8	16000	18900
HFC-161	CH ₃ CH ₂ F	0.219	0.016	0.424	17.4	0.433	4.84	0.433	1.38	0.000454	1.06	0.000344	0.872	473	557
HFC-227ca	CF ₃ CF ₂ CHF ₂	30	0.264	131	5370	267	2980	278	885	1.12	2620	0.407	1030		
HFC-227ea	CF ₃ CHF ₂ CF ₃	36	0.273	142	5850	322	3600	345	1100	1.45	3400	0.588	1490		
HFC-236cb	CH ₂ FCF ₂ CF ₃	13.4	0.231	91.2	3750	121	1350	121	387	0.265	620	0.106	268	125000	153000
HFC-236ea	CHF ₂ CHF ₂ CF ₃	11.4	0.3	108	4420	134	1500	134	428	0.245	572	0.114	288	141000	170000
HFC-236fa	CF ₃ CH ₂ CF ₃	213	0.251	181	7450	777	8690	1900	6040	3.93	9200	3.5	8870		
HFC-245ca	CH ₂ FCF ₂ CHF ₂	6.6	0.24	65.3	2680	70.5	787	70.5	225	0.0836	196	0.0576	146	76000	89800
HFC-245cb	CF ₃ CF ₂ CH ₃	39.9	0.251	170	6970	407	4550	445	1420	1.89	4410	0.817	2070		
HFC-245ea	CHF ₂ CHF ₂ CHF ₂	3.2	0.16	22.2	912	22.8	255	22.8	72.6	0.0246	57.4	0.0183	46.5	24800	29200

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HFC-245eb	CH ₂ FCHFCF ₃	3.2	0.204	28.3	1160	29	325	29.1	92.6	0.0313	73.2	0.0234	59.2	31600	37200
HFC-245fa	CHF ₂ CH ₂ CF ₃	7.9	0.245	77.1	3170	86.1	962	86.1	274	0.112	262	0.0708	180	92500	109000
HFC-263fb	CH ₃ CH ₂ CF ₃	1.1	0.1	6.55	269	6.69	74.8	6.69	21.3	0.00707	16.5	0.00534	13.5	7300	8590
HFC-272ca	CH ₃ CF ₂ CH ₃	9	0.08	46.4	1910	53.6	599	53.6	171	0.0771	180	0.0444	113	57300	68100
HFC-329p	CHF ₂ CF ₂ CF ₂ CF ₃	32	0.313	122	5010	259	2890	272	866	1.12	2610	0.421	1070		
HFC-365mfc	CH ₃ CF ₂ CH ₂ CF ₃	8.9	0.228	71.1	2920	81.7	914	81.8	261	0.117	272	0.0677	172	87400	104000
HFC-43-10mee	CF ₃ CHFCF ₂ CF ₃	17	0.357	96.3	3960	143	1600	144	458	0.403	943	0.137	347	143000	180000
HFO-1123	CHF=CF ₂	0.004	0.002	0.000414	0.017	0.000423	0.005	0.000423	0.001	4.42×10 ⁻⁷	0.001	3.36×10 ⁻⁷	0.001	0.462	0.544
HFO-1132a	CH ₂ =CF ₂	0.013	0.004	0.0046	0.189	0.00469	0.052	0.00469	0.015	4.91×10 ⁻⁶	0.011	3.73×10 ⁻⁶	0.009	5.13	6.04
HFO-1141	CH ₂ =CHF	0.007	0.002	0.00213	0.088	0.00217	0.024	0.00218	0.007	2.28×10 ⁻⁶	0.005	1.73×10 ⁻⁶	0.004	2.38	2.8
HFO-1225ye(Z)	(Z)-CF ₃ CF=CHF	0.027	0.025	0.0302	1.24	0.0308	0.344	0.0308	0.098	3.23×10 ⁻⁵	0.075	2.45×10 ⁻⁵	0.062	33.7	39.6
HFO-1225ye(E)	(E)-CF ₃ CF=CHF	0.016	0.015	0.0104	0.426	0.0106	0.118	0.0106	0.034	1.11×10 ⁻⁵	0.026	8.41×10 ⁻⁶	0.021	11.6	13.6
HFO-1234ze(Z)	(Z)-CF ₃ CH=CHF	0.027	0.02	0.0276	1.13	0.0282	0.315	0.0282	0.09	2.95×10 ⁻⁵	0.069	2.24×10 ⁻⁵	0.057	30.8	36.2
HFO-1234ze(E)	(E)-CF ₃ CH=CHF	0.052	0.045	0.12	4.94	0.123	1.37	0.123	0.391	0.000129	0.3	9.75×10 ⁻⁵	0.247	134	158
HFO-1234yf	CF ₃ CF=CH ₂	0.033	0.026	0.044	1.81	0.0449	0.501	0.0449	0.143	4.7×10 ⁻⁵	0.11	3.57×10 ⁻⁵	0.09	49.1	57.7
HFO-1336mzz(E)	(E)-CF ₃ CH=CHCF ₃	0.334	0.132	1.57	64.3	1.6	17.9	1.6	5.09	0.00168	3.92	0.00127	3.22	1750	2050
HFO-1336mzz(Z)	(Z)-CF ₃ CH=CHCF ₃	0.074	0.069	0.182	7.48	0.186	2.08	0.186	0.592	0.000195	0.455	0.000148	0.374	203	239
HFO-1243zf	CF ₃ CH=CH ₂	0.025	0.015	0.0229	0.94	0.0234	0.261	0.0234	0.074	2.45×10 ⁻⁵	0.057	1.86×10 ⁻⁵	0.047	25.5	30
HFO-1345zfc	CF ₃ CF ₂ CH=CH ₂	0.025	0.016	0.016	0.656	0.0163	0.182	0.0163	0.052	1.71×10 ⁻⁵	0.04	1.29×10 ⁻⁵	0.033	17.8	21
3,3,4,4,5,5,6,6,6-nonafluorohex-1-ene	n-C ₄ F ₉ CH=CH ₂	0.025	0.03	0.0179	0.734	0.0182	0.204	0.0182	0.058	1.91×10 ⁻⁵	0.045	1.45×10 ⁻⁵	0.037	19.9	23.4
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooct-1-ene	n-C ₆ F ₁₃ CH=CH ₂	0.025	0.034	0.0142	0.584	0.0145	0.162	0.0145	0.046	1.52×10 ⁻⁵	0.036	1.15×10 ⁻⁵	0.029	15.9	18.7
3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodec-1-ene	n-C ₈ F ₁₇ CH=CH ₂	0.025	0.038	0.0124	0.508	0.0126	0.141	0.0126	0.04	1.32×10 ⁻⁵	0.031	0.00001	0.025	13.8	16.2

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3,3,3-trifluoro-2-(trifluoromethyl)prop-1-ene	(CF ₃) ₂ C=CH ₂	0.028	0.033	0.0331	1.36	0.0337	0.377	0.0337	0.107	3.53×10 ⁻⁵	0.083	2.68×10 ⁻⁵	0.068	36.9	43.4
1,1,2,2,3,3-hexafluorocyclopentane	cyc (-CF ₂ CF ₂ CF ₂ CH ₂ CH ₂ -)	1.6	0.2	10.5	431	10.7	120	10.7	34.2	0.0114	26.6	0.00857	21.7	11700	13800
1,1,2,2,3,3,4-heptafluorocyclopentane	cyc (-CF ₂ CF ₂ CF ₂ CHFCH ₂ -)	2.8	0.243	20.2	830	20.7	231	20.7	66	0.0222	52	0.0166	42.1	22500	26500
1,3,3,4,4,5,5-heptafluorocyclopentene	cyc (-CF ₂ CF ₂ CF ₂ CF=CH-)	0.61	0.215	3.95	162	4.03	45.1	4.03	12.8	0.00424	9.92	0.00321	8.14	4400	5180
(4s,5s)-1,1,2,2,3,3,4,5-octafluorocyclopentane	trans-cyc (-CF ₂ CF ₂ CF ₂ CHFCHF-)	3.2	0.259	22.5	925	23.1	258	23.1	73.6	0.0249	58.2	0.0186	47.1	25100	29600
HFO-1438ezy(E)	(E)-(CF ₃) ₂ CFCH=CHF	0.334	0.079	0.721	29.6	0.736	8.22	0.736	2.34	0.000773	1.81	0.000585	1.48	804	946
HFO-1447fz	CF ₃ (CF ₂) ₂ CH=CH ₂	0.025	0.028	0.0206	0.847	0.021	0.235	0.021	0.067	2.2×10 ⁻⁵	0.051	1.67×10 ⁻⁵	0.042	23	27.1
1,3,3,4,4-pentafluorocyclobutene	cyc (-CH=CFCF ₂ CF ₂ -)	0.74	0.27	8.1	333	8.27	92.4	8.27	26.4	0.00872	20.4	0.00659	16.7	9030	10600
3,3,4,4-tetrafluorocyclobutene	cyc (-CH=CHCF ₂ CF ₂ -)	0.23	0.21	2.24	92.1	2.29	25.6	2.29	7.29	0.0024	5.61	0.00182	4.61	2500	2940
Chlorocarbons and Hydrochlorocarbons															
Methyl chloroform	CH ₃ CCl ₃	5	0.065	13.8	567	14.4	161	14.4	46	0.016	37.5	0.0117	29.7	15600	18400
Carbon tetrachloride	CCl ₄	32	0.166	92.7	3810	196	2200	206	658	0.849	1990	0.32	810		
Methyl chloride	CH ₃ Cl	0.9	0.005	0.485	19.9	0.495	5.54	0.496	1.58	0.000523	1.22	0.000395	1	541	637
Methylene chloride	CH ₂ Cl ₂	0.493	0.029	0.978	40.2	0.998	11.2	0.998	3.18	0.00105	2.46	0.000795	2.01	1090	1280
Chloroform	CHCl ₃	0.501	0.074	1.81	74.2	1.84	20.6	1.84	5.87	0.00194	4.53	0.00147	3.72	2010	2370
Chloroethane	CH ₃ CH ₂ Cl	0.132	0.004	0.0422	1.73	0.043	0.481	0.043	0.137	4.51×10 ⁻⁵	0.105	3.42×10 ⁻⁵	0.087	47	55.4
1,2-dichloroethane	CH ₂ ClCH ₂ Cl	0.225	0.009	0.114	4.68	0.116	1.3	0.116	0.371	0.000122	0.285	9.25×10 ⁻⁵	0.234	127	150
1,1,2-trichloroethene	CHCl=CCl ₂	0.015	0.006	0.00385	0.158	0.00393	0.044	0.00393	0.013	4.11×10 ⁻⁶	0.01	3.12×10 ⁻⁵	0.008	4.3	5.06
1,1,2,2-tetrachloroethene	CCl ₂ =CCl ₂	0.301	0.052	0.556	22.8	0.567	6.34	0.567	1.81	0.000596	1.39	0.000451	1.14	620	730
2-chloropropane	CH ₃ CHClCH ₃	0.06	0.004	0.0158	0.651	0.0162	0.181	0.0162	0.052	1.69×10 ⁻⁵	0.04	1.28×10 ⁻⁶	0.033	17.7	20.8
1-chlorobutane	CH ₃ (CH ₂) ₂ CH ₂ Cl	0.012	0.001	0.000595	0.024	0.000607	0.007	0.000607	0.002	6.35×10 ⁻⁷	0.001	4.82×10 ⁻⁷	0.001	0.664	0.781
Bromocarbons, hydrobromocarbons and halons															

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Methyl bromide	CH ₃ Br	0.8	0.004	0.213	8.74	0.217	2.43	0.217	0.692	0.000229	0.535	0.000173	0.438	237	279
Methylene bromide	CH ₂ Br ₂	0.411	0.01	0.133	5.45	0.135	1.51	0.135	0.431	0.000142	0.333	0.000108	0.273	148	174
Halon-1201	CHBrF ₂	4.9	0.152	32.5	1340	34	380	34	108	0.0376	88	0.0275	69.8	36800	43400
Halon-1202	CBr ₂ F ₂	2.5	0.272	18.9	775	19.3	216	19.3	61.5	0.0207	48.4	0.0155	39.3	21000	24800
Halon-1211	CBrClF ₂	16	0.3	120	4920	173	1930	173	552	0.458	1070	0.16	406	174000	217000
Halon-1301	CBrF ₃	72	0.299	202	8320	644	7200	864	2750	3.23	7560	2	5060		
Halon-2301	CH ₂ BrCF ₃	3.2	0.135	15.5	635	15.9	177	15.9	50.6	0.0171	40	0.0128	32.4	17200	20300
Halon-2311	CHBrClCF ₃	1	0.133	3.94	162	4.03	45	4.03	12.8	0.00425	9.95	0.00321	8.14	4400	5170
Halon-2401	CHBrFCF ₃	2.9	0.189	17.6	723	18	201	18	57.5	0.0194	45.3	0.0145	36.7	19600	23100
Halon-2402	CBrF ₂ CBrF ₂	28	0.312	99	4070	194	2170	201	639	0.791	1850	0.277	702		
Tribromomethane	CHBr ₃	0.156	0.006	0.0219	0.901	0.0224	0.25	0.0224	0.071	2.35×10 ⁻⁵	0.055	0.0000178	0.045	24.5	28.8
Halon-1011	CH ₂ BrCl	0.452	0.02	0.415	17.1	0.424	4.74	0.424	1.35	0.000446	1.04	0.000337	0.855	463	545
Bromoethane	CH ₃ CH ₂ Br	0.137	0.006	0.0427	1.75	0.0436	0.487	0.0436	0.139	4.57×10 ⁻⁵	0.107	3.46×10 ⁻⁵	0.088	47.6	56
1,2-dibromoethane	CH ₂ BrCH ₂ Br	0.244	0.012	0.0894	3.67	0.0913	1.02	0.0913	0.291	9.58×10 ⁻⁵	0.224	7.26×10 ⁻⁵	0.184	99.7	117
1-bromopropane	CH ₃ CH ₂ CH ₂ Br	0.041	0.002	0.00457	0.188	0.00466	0.052	0.00466	0.015	4.88×10 ⁻⁶	0.011	3.71×10 ⁻⁶	0.009	5.1	6
2-bromopropane	CH ₃ CHBrCH ₃	0.055	0.004	0.011	0.453	0.0112	0.126	0.0112	0.036	1.18×10 ⁻⁵	0.028	8.93×10 ⁻⁶	0.023	12.3	14.5
Fully fluorinated species															
Nitrogen trifluoride	NF ₃	569	0.204	326	13400	1560	17400	5720	18200	7.81	18200	7.89	20000		
Pentadecafluorotriethylamine	N(C ₂ F ₅) ₃	1000	0.61	188	7700	923	10300	3860	12300	4.61	10800	4.81	12200		
Perfluorotripropylamine	N(CF ₂ CF ₂ CF ₃) ₃	1000	0.75	164	6750	808	9030	3380	10800	4.03	9430	4.21	10700		
Heptacosafuorotributylamine	N(CF ₂ CF ₂ CF ₂ CF ₃) ₃	1000	0.907	154	6340	759	8490	3170	10100	3.79	8860	3.96	10000		
Perfluorotripentylamine	N(CF ₂ CF ₂ CF ₂ CF ₂ CF ₃) ₃	1000	0.95	132	5420	650	7260	2720	8650	3.24	7580	3.39	8580		
Heptafluoroisobutyronitrile	(CF ₃) ₂ CFCN	34.5	0.248	111	4580	246	2750	262	835	1.09	2560	0.431	1090		
Sulfur hexafluoride	SF ₆	3200	0.567	445	18300	2250	25200	10700	34100	11.2	26200	12.1	30600		

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Trifluoromethylsulfur pentafluoride	SF ₅ CF ₃	800	0.585	339	13900	1660	18500	6610	21100	8.27	19300	8.54	21600		
Sulfuryl fluoride	SO ₂ F ₂	36	0.211	183	7510	414	4630	444	1410	1.87	4360	0.756	1920		
PFC-14	CF ₄	50000	0.099	129	5300	660	7380	3320	10600	3.28	7660	3.57	9050		
PFC-116	C ₂ F ₆	10000	0.261	218	8940	1110	12400	5500	17500	5.51	12900	5.99	15200		
PFC-218	C ₃ F ₈	2600	0.27	165	6770	831	9290	3890	12400	4.13	9660	4.44	11200		
Hexafluorocyclobutene	cyc (-CF=CFCF ₂ CF ₂ -)	1.02	0.3	11	453	11.3	126	11.3	35.9	0.0119	27.8	0.00898	22.8	12300	14500
PFC-C-318	cyc (-CF ₂ CF ₂ CF ₂ CF ₂ -)	3200	0.314	180	7400	912	10200	4330	13800	4.53	10600	4.88	12400		
PFC-31-10	n-C ₄ F ₁₀	2600	0.369	178	7300	897	10000	4200	13400	4.46	10400	4.79	12100		
Octafluorocyclopentene	cyc (-CF=CFCF ₂ CF ₂ CF ₂ -)	1.1	0.246	6.84	281	6.99	78.1	6.99	22.3	0.00739	17.3	0.00557	14.1	7620	8970
PFC-41-12	n-C ₅ F ₁₂	4100	0.408	163	6680	825	9220	3970	12700	4.1	9580	4.43	11200		
PFC-51-14	n-C ₆ F ₁₄	3100	0.449	153	6260	771	8620	3660	11600	3.83	8960	4.12	10500		
PFC-61-16	n-C ₇ F ₁₆	3000	0.503	149	6120	752	8410	3560	11300	3.74	8740	4.02	10200		
PFC-71-18	n-C ₈ F ₁₈	3000	0.558	146	6010	739	8260	3500	11100	3.67	8590	3.95	10000		
PFC-91-18	C ₁₀ F ₁₈	2000	0.537	133	5480	669	7480	3070	9780	3.33	7790	3.56	9010		
1,1,2,2,3,3,4,4,4a,5,5,6,6,7,7,8,8,8a-octafluoronaphthalene	Z-C ₁₀ F ₁₈	2000	0.56	139	5710	698	7800	3200	10200	3.47	8120	3.71	9400		
1,1,2,2,3,3,4,4,4a,5,5,6,6,7,7,8,8,8a-octafluoronaphthalene	E-C ₁₀ F ₁₈	2000	0.512	127	5220	637	7120	2920	9310	3.17	7420	3.39	8580		
PFC-1114	CF ₂ =CF ₂	0.003	0.002	0.000347	0.014	0.000354	0.004	0.000354	0.001	3.71×10 ⁻⁷	0.001	2.81×10 ⁻⁷	0.001	0.387	0.456
PFC-1216	CF ₃ CF=CF ₂	0.015	0.013	0.00788	0.324	0.00804	0.09	0.00804	0.026	8.42×10 ⁻⁶	0.02	6.39×10 ⁻⁶	0.016	8.8	10.3
1,1,2,3,4,4-hexafluorobuta-1,3-diene	CF ₂ =CFCF=CF ₂	0.003	0.003	0.000347	0.014	0.000354	0.004	0.000354	0.001	3.71×10 ⁻⁷	0.001	2.82×10 ⁻⁷	0.001	0.388	0.456
Octafluoro-1-butene	CF ₃ CF ₂ CF=CF ₂	0.016	0.019	0.00891	0.366	0.00909	0.102	0.00909	0.029	9.52×10 ⁻⁶	0.022	7.22×10 ⁻⁵	0.018	9.94	11.7
Octafluoro-2-butene	CF ₃ CF=CFCF ₃	0.085	0.07	0.173	7.1	0.176	1.97	0.176	0.562	0.000185	0.432	0.00014	0.355	193	227
Halogenated alcohols, ethers, furans, aldehydes and ketones															

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HFE-125	CHF ₂ OCF ₃	135	0.417	328	13500	1280	14300	2410	7680	6.5	15200	5.17	13100		
HFE-134	CHF ₂ OCHF ₂	26.9	0.449	310	12700	593	6630	610	1940	2.37	5530	0.814	2060		
HFE-143a	CH ₃ OCF ₃	4.9	0.189	52.8	2170	55.1	616	55.1	176	0.0611	143	0.0447	113	59700	70400
HFE-227ea	CF ₃ CHFOCF ₃	54.8	0.459	238	9800	673	7520	808	2570	3.3	7720	1.75	4440		
HCFE-235ca2	CHF ₂ OCF ₂ CHFCI	4.42	0.409	56.4	2320	58.5	654	58.5	186	0.0642	150	0.0473	120	63400	74800
HCFE-235da2	CHF ₂ OCHCICF ₃	3.5	0.426	46.9	1930	48.2	539	48.2	154	0.0522	122	0.0388	98.4	52400	61700
HCFE-236ea2	CHF ₂ OCHF ₂ CF ₃	14.1	0.464	171	7020	232	2590	233	741	0.537	1260	0.206	521	239000	292000
HFE-236fa	CF ₃ CH ₂ OCF ₃	7.5	0.371	89.4	3670	98.7	1100	98.8	315	0.125	291	0.0811	205	106000	126000
HFE-245cb2	CF ₃ CF ₂ OCH ₃	5	0.336	64	2630	66.9	747	66.9	213	0.0743	174	0.0542	137	72400	85400
HFE-245fa1	CHF ₂ CH ₂ OCF ₃	6.7	0.314	77.2	3170	83.6	934	83.6	266	0.0998	233	0.0683	173	90100	106000
HFE-245fa2	CHF ₂ OCH ₂ CF ₃	5.5	0.36	74.5	3060	78.6	878	78.6	251	0.0886	207	0.0639	162	85000	100000
2,2,3,3,3-pentafluoropropan-1-ol	CF ₃ CF ₂ CH ₂ OH	0.471	0.164	3.01	123	3.07	34.3	3.07	9.78	0.00323	7.54	0.00244	6.19	3350	3940
HFE-254cb1	CH ₃ OCF ₂ CHF ₂	2.5	0.26	28.7	1180	29.3	328	29.3	93.5	0.0314	73.4	0.0235	59.6	31900	37600
HFE-263mf	CF ₃ CH ₂ OCH ₃	0.077	0.046	0.181	7.43	0.184	2.06	0.185	0.588	0.000193	0.452	0.000147	0.371	202	237
HFE-263m1	CF ₃ OCH ₂ CH ₃	0.397	0.126	2.56	105	2.61	29.2	2.61	8.32	0.00274	6.42	0.00208	5.27	2850	3360
3,3,3-trifluoropropan-1-ol	CF ₃ CH ₂ CH ₂ OH	0.041	0.026	0.0544	2.23	0.0555	0.62	0.0555	0.177	5.81×10 ⁻⁵	0.136	4.41×10 ⁻⁵	0.112	60.7	71.4
HFE-329mcc2	CHF ₂ CF ₂ OCF ₂ CF ₃	25	0.545	184	7550	337	3770	345	1100	1.29	3020	0.432	1090		
HFE-338mmz1	(CF ₃) ₂ CHOCHF ₂	22.3	0.452	158	6500	272	3040	276	880	0.967	2260	0.314	797		
HFE-338mcf2	CF ₃ CH ₂ OCF ₂ CF ₃	7.5	0.454	84.2	3460	93	1040	93.1	297	0.117	274	0.0764	194	100000	118000
HFE-347mmz1	(CF ₃) ₂ CHOCH ₂ F	1.9	0.308	17.1	702	17.5	195	17.5	55.7	0.0186	43.5	0.014	35.4	19000	22400
HFE-347mcc3	CH ₃ OCF ₂ CF ₂ CF ₃	5.1	0.339	49.2	2020	51.5	576	51.6	164	0.0574	134	0.0418	106	55800	65800
HFE-347mcf2	CHF ₂ CH ₂ OCF ₂ CF ₃	6.7	0.431	79.6	3270	86.2	963	86.2	275	0.103	241	0.0705	179	92900	110000
HFE-347pcf2	CHF ₂ CF ₂ OCH ₂ CF ₃	6.1	0.482	82.1	3370	87.6	980	87.7	279	0.101	237	0.0715	181	94700	112000
HFE-347mmy1	(CF ₃) ₂ CFOCH ₃	3.7	0.318	34.1	1400	35.1	392	35.1	112	0.0381	89	0.0283	71.8	38100	44900

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HFE-356mec3	CH ₃ OCF ₂ CHFCF ₃	2.5	0.288	23.1	949	23.6	264	23.6	75.3	0.0253	59.2	0.019	48	25700	30300
HFE-356mff2	CF ₃ CH ₂ OCH ₂ CF ₃	0.351	0.19	2.14	88	2.19	24.4	2.19	6.97	0.0023	5.37	0.00174	4.41	2390	2810
HFE-356pcf2	CHF ₂ CH ₂ OCF ₂ CHF ₂	6	0.378	69.8	2870	74.4	831	74.4	237	0.0856	200	0.0606	154	80400	94800
HFE-356pcf3	CHF ₂ OCH ₂ CF ₂ CHF ₂	3.5	0.378	42.1	1730	43.3	484	43.3	138	0.0469	110	0.0349	88.4	47000	55400
HFE-356pcc3	CH ₃ OCF ₂ CF ₂ CHF ₂	2.5	0.303	24.2	995	24.8	277	24.8	79	0.0266	62.1	0.0199	50.4	27000	31800
HFE-356mmz1	(CF ₃) ₂ CHOCH ₃	0.178	0.125	0.713	29.3	0.728	8.13	0.728	2.32	0.000763	1.78	0.000579	1.47	795	936
HFE-365mcf3	CF ₃ CF ₂ CH ₂ OCH ₃	0.069	0.058	0.141	5.77	0.143	1.6	0.143	0.457	0.00015	0.351	0.000114	0.289	157	184
HFE-374pc2	CHF ₂ CF ₂ OCH ₂ CH ₃	0.208	0.132	1.1	45	1.12	12.5	1.12	3.56	0.00117	2.74	0.000889	2.25	1220	1440
4,4,4-trifluorobutan-1-ol	CF ₃ (CH ₂) ₂ CH ₂ OH	0.015	0.006	0.00433	0.178	0.00442	0.049	0.00442	0.014	4.63×10 ⁻⁵	0.011	3.51×10 ⁻⁵	0.009	4.84	5.69
2,2,3,3,4,4,5,5-octafluorocyclopentan-1-ol	cyc (-(CF ₂) ₄ CH(OH)-)	0.301	0.156	1.2	49.1	1.22	13.6	1.22	3.89	0.00128	3	0.000971	2.46	1330	1570
HFE-43-10pccc124	CHF ₂ OCF ₂ OCF ₂ CF ₂ OCHF ₂	14.1	1.03	212	8720	288	3220	289	920	0.667	1560	0.255	647	297000	363000
HFE-449s1	C ₄ F ₉ OCH ₃	4.8	0.36	39.5	1620	41.2	460	41.2	131	0.0455	106	0.0334	84.6	44600	52600
n-HFE-7100	CF ₃ CF ₂ CF ₂ CF ₂ OCH ₃	4.8	0.425	46.7	1920	48.6	544	48.7	155	0.0538	126	0.0394	99.9	52700	62200
i-HFE-7100	(CF ₃) ₂ CF ₂ OCH ₃	4.8	0.341	37.5	1540	39.1	437	39.1	124	0.0432	101	0.0317	80.2	42300	49900
HFE-569sf2	C ₄ F ₉ OC ₂ H ₅	0.8	0.301	5.32	219	5.43	60.7	5.43	17.3	0.00573	13.4	0.00433	11	5930	6980
i-HFE-7200	(CF ₃) ₂ CF ₂ OCH ₂ CH ₃	0.63	0.216	3.01	124	3.07	34.3	3.07	9.78	0.00323	7.56	0.00245	6.2	3350	3950
HFE-7300	(CF ₃) ₂ CF ₂ OCF ₂ H ₅ CF ₂ CF ₂ CF ₃	5.24	0.48	34.5	1420	36.2	405	36.2	115	0.0405	94.7	0.0294	74.6	39200	46200
HFE-7500	n-C ₃ F ₇ CF ₂ OC ₂ H ₅ CF ₂ (CF ₃) ₂	0.3	0.27	1.14	47	1.17	13	1.17	3.72	0.00123	2.86	0.000928	2.35	1270	1500
HFE-236ca12	CHF ₂ OCF ₂ OCHF ₂	26.5	0.648	285	11700	542	6060	557	1770	2.15	5020	0.733	1860		
HFE-338pcc13	CHF ₂ OCF ₂ CF ₂ OCHF ₂	13.4	0.87	223	9180	297	3320	297	948	0.649	1520	0.259	657	307000	374000
1,1,1,3,3,3-hexafluoropropan-2-ol	(CF ₃) ₂ CHOH	1.9	0.274	18.1	742	18.5	206	18.5	58.8	0.0197	46	0.0148	37.4	20100	23700
HG-02	CHF ₂ (OCF ₂ CF ₂) ₂ OCHF ₂	26.9	1.15	268	11000	513	5730	528	1680	2.05	4780	0.704	1780		
HG-03	CHF ₂ (OCF ₂ CF ₂) ₃ OCHF ₂	26.9	1.43	250	10300	479	5350	492	1570	1.91	4470	0.657	1660		

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Fluorene	<chem>CF3CH2OCH=CH2</chem>	0.01	0.011	0.00505	0.207	0.00515	0.058	0.00515	0.016	5.39×10^{-5}	0.013	4.09×10^{-6}	0.01	5.63	6.63
2-ethoxy-3,3,4,4,5-pentafluorotetrahydro-2,5-bis[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-furan	<chem>C12H5F19O2</chem>	0.81	0.489	4.27	175	4.36	48.7	4.36	13.9	0.0046	10.7	0.00347	8.8	4760	5600
Difluoro(methoxy)methane	<chem>CH3OCHF2</chem>	1.1	0.153	11.9	491	12.2	136	12.2	38.9	0.0129	30.1	0.00973	24.7	13300	15700
HG ⁻ -01	<chem>CH3OCF2CF2OCH3</chem>	1.7	0.289	17.7	727	18.1	202	18.1	57.7	0.0192	45	0.0145	36.7	19700	23200
HG ⁻ -02	<chem>CH3O(CF2CF2O)2CH3</chem>	1.7	0.562	20	823	20.5	229	20.5	65.3	0.0218	50.9	0.0164	41.5	22300	26300
HG ⁻ -03	<chem>CH3O(CF2CF2O)3CH3</chem>	1.7	0.762	19.2	789	19.6	219	19.6	62.5	0.0209	48.8	0.0157	39.8	21400	25200
HFE-329me3	<chem>CF3CFHCF2OCF3</chem>	33.6	0.489	180	7410	393	4390	416	1330	1.73	4040	0.671	1700		
3,3,4,4,5,5,6,6,7,7,7-undecafluoroheptan-1-ol	<chem>CF3(CF2)4CH2CH2OH</chem>	0.047	0.054	0.0468	1.92	0.0477	0.533	0.0477	0.152	5×10^{-5}	0.117	3.79×10^{-5}	0.096	52.2	61.4
3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-pentadecafluorononan-1-ol	<chem>CF3(CF2)6CH2CH2OH</chem>	0.047	0.06	0.0394	1.62	0.0401	0.449	0.0402	0.128	4.21×10^{-5}	0.098	3.19×10^{-5}	0.081	43.9	51.7
3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-nonadecafluoroundecan-1-ol	<chem>CF3(CF2)8CH2CH2OH</chem>	0.047	0.045	0.024	0.985	0.0245	0.273	0.0245	0.078	2.56×10^{-5}	0.06	1.94×10^{-5}	0.049	26.8	31.5
2-chloro-1,1,2-trifluoro-1-methoxyethane	<chem>CH3OCF2CHClF</chem>	1.43	0.211	11.9	488	12.1	136	12.1	38.7	0.0129	30.1	0.0097	24.6	13200	15600
PFPME	<chem>CF3OCFCF3CF2OCF2OCF3</chem>	800	0.64	189	7750	920	10300	3680	11700	4.59	10700	4.75	12000		
HFE-216	<chem>CF3OCF=CF2</chem>	0.004	0.006	0.000909	0.037	0.000927	0.01	0.000928	0.003	9.71×10^{-7}	0.002	7.37×10^{-7}	0.002	1.01	1.19
Perfluoroethyl formate	<chem>CF3CF2OCHO</chem>	3.6	0.408	51.9	2130	53.4	597	53.4	170	0.0579	135	0.0431	109	58000	68400
2,2,2-trifluoroethyl formate	<chem>CF3CH2OCHO</chem>	0.548	0.192	4.8	197	4.9	54.8	4.9	15.6	0.00516	12.1	0.0039	9.89	5350	6300
Formic acid;1,1,1,3,3,3-hexafluoropropan-2-ol	<chem>(CF3)2CHOCHO</chem>	3.1	0.255	23.5	964	24.1	269	24.1	76.7	0.0259	60.6	0.0194	49	26100	30800
Ethenyl 2,2,2-trifluoroacetate	<chem>CF3COOCH=CH2</chem>	0.004	0.004	0.000705	0.029	0.000719	0.008	0.000719	0.002	7.52×10^{-7}	0.002	5.71×10^{-7}	0.001	0.786	0.925
Ethyl 2,2,2-trifluoroacetate	<chem>CF3COOCH2CH3</chem>	0.06	0.056	0.139	5.7	0.142	1.58	0.142	0.451	0.000148	0.347	0.000112	0.285	155	182
Prop-2-enyl 2,2,2-trifluoroacetate	<chem>CF3COOCH2CH=CH2</chem>	0.003	0.005	0.000636	0.026	0.000648	0.007	0.000649	0.002	6.79×10^{-7}	0.002	5.15×10^{-7}	0.001	0.71	0.835

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Methyl 2,2,2-trifluoroacetate	CF ₃ COOCH ₃	1	0.158	7.21	296	7.36	82.3	7.36	23.5	0.00778	18.2	0.00587	14.9	8030	9460
2,2,3,3,4,4,4-heptafluorobutan-1-ol	CF ₃ CF ₂ CF ₂ CH ₂ OH	0.55	0.199	3.2	131	3.26	36.5	3.26	10.4	0.00343	8.03	0.0026	6.58	3560	4190
1,1,2-trifluoro-2-(trifluoromethoxy)ethane	CHF ₂ CHFOCF ₃	9	0.353	97.6	4010	113	1260	113	359	0.162	379	0.0933	236	120000	143000
1-ethoxy-1,1,2,3,3,3-hexafluoropropane	CF ₃ CHFCF ₂ OCH ₂ CH ₃	0.403	0.193	2.32	95.2	2.37	26.4	2.37	7.54	0.00249	5.81	0.00188	4.77	2580	3040
1,1,1,2,2,3,3-heptafluoro-3-(1,2,2,2-tetrafluoroethoxy)propane	CF ₃ CF ₂ CF ₂ OCHF ₂ CF ₃	59.4	0.591	202	8320	593	6630	733	2340	2.94	6860	1.63	4140		
2,2,3,3-tetrafluoropropan-1-ol	CHF ₂ CF ₂ CH ₂ OH	0.255	0.112	1.27	52	1.29	14.4	1.29	4.12	0.00136	3.17	0.00103	2.6	1410	1660
2,2,3,4,4,4-hexafluorobutan-1-ol	CF ₃ CHFCF ₂ CH ₂ OH	0.367	0.227	2.67	110	2.73	30.5	2.73	8.69	0.00287	6.7	0.00217	5.5	2980	3510
1,1,2,2-tetrafluoro-3-methoxypropane	CHF ₂ CF ₂ CH ₂ OCH ₃	0.071	0.052	0.147	6.03	0.15	1.68	0.15	0.478	0.000157	0.367	0.000119	0.302	164	193
1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)pentan-3-one	CF ₃ CF ₂ COCF(CF ₃) ₂	0.019	0.028	0.01	0.411	0.0102	0.114	0.0102	0.033	1.07×10 ⁻⁵	0.025	8.12×10 ⁻⁵	0.021	11.2	13.1
3,3,3-trifluoropropanal	CF ₃ CH ₂ CHO	0.008	0.005	0.00221	0.091	0.00225	0.025	0.00225	0.007	2.36×10 ⁻⁵	0.006	1.79×10 ⁻⁵	0.005	2.46	2.9
2-fluoroethanol	CH ₂ FCH ₂ OH	0.044	0.012	0.0465	1.91	0.0474	0.53	0.0474	0.151	4.97×10 ⁻⁵	0.116	3.77×10 ⁻⁵	0.095	51.9	61
2,2-difluoroethanol	CHF ₂ CH ₂ OH	0.167	0.046	0.542	22.3	0.553	6.18	0.553	1.76	0.00058	1.36	0.00044	1.11	605	711
2,2,2-trifluoroethanol	CF ₃ CH ₂ OH	0.458	0.117	3.13	129	3.2	35.7	3.2	10.2	0.00336	7.86	0.00254	6.44	3490	4110
HG-04	CHF ₂ O(CF ₂ CF ₂ O) ₄ CHF ₂	26.9	1.46	204	8400	392	4380	403	1280	1.56	3660	0.538	1360		
Methyl-perfluoroheptene-ethers	CH ₃ OC ₇ F ₁₃	0.304	0.27	1.32	54.4	1.35	15.1	1.35	4.3	0.00142	3.31	0.00107	2.72	1480	1740
1,1,1-trifluoropropan-2-one	CF ₃ COCH ₃	0.014	0.011	0.00788	0.324	0.00804	0.09	0.00804	0.026	8.42×10 ⁻⁵	0.02	6.39×10 ⁻⁵	0.016	8.79	10.3
1,1,1-trifluorobutan-2-one	CF ₃ COCH ₂ CH ₃	0.018	0.01	0.00834	0.343	0.00851	0.095	0.00851	0.027	8.91×10 ⁻⁵	0.021	6.76×10 ⁻⁵	0.017	9.31	11
1-chloro-2-ethenoxyethane	ClCH ₂ CH ₂ OCH=CH ₂	0	0.001	1.65×10 ⁻⁵	0.001	1.68×10 ⁻⁵	0	1.68×10 ⁻⁵	0	1.76×10 ⁻⁸	0	1.33×10 ⁻⁸	0	0.018	0.022
2-methylpentan-3-one	CH ₃ CH ₂ COCH(CH ₃) ₂	0.015	0.02	0.0175	0.719	0.0179	0.2	0.0179	0.057	1.87×10 ⁻⁵	0.044	1.42×10 ⁻⁵	0.036	19.5	23
Ethyl methyl ether	CH ₃ CH ₂ OCH ₃	0.005	0.002	0.000856	0.035	0.000873	0.01	0.000873	0.003	9.14×10 ⁻⁷	0.002	6.94×10 ⁻⁷	0.002	0.955	1.12
Octafluorooxolane	c-C ₄ F ₈ O	3000	0.463	246	10100	1240	13900	5890	18800	6.18	14500	6.65	16900		

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Crotonaldehyde	CH ₃ CH=CHCHO	0.001	0	0	0	0	0	0	0	0	0	0	0	0	0
Methyl vinyl ketone	CH ₃ COCH=CH ₂	0.001	0	2.48×10 ⁻⁵	0.001	2.53×10 ⁻⁵	0	2.53×10 ⁻⁵	0	2.64×10 ⁻⁸	0	2.01×10 ⁻⁸	0	0.028	0.033
Allyl ether	(CH ₂ =CHCH ₂) ₂ O	0	0.001	1.19×10 ⁻⁵	0	1.22×10 ⁻⁵	0	1.22×10 ⁻⁵	0	1.27×10 ⁻⁸	0	9.65×10 ⁻⁹	0	0.013	0.016
Allyl ethyl ether	CH ₃ CH ₂ OCH ₂ CH=CH ₂	0.001	0.001	3.39×10 ⁻⁵	0.001	3.46×10 ⁻⁵	0	3.46×10 ⁻⁵	0	3.62×10 ⁻⁸	0	2.75×10 ⁻⁸	0	0.038	0.045
(z)-hex-2-en-1-ol	CH ₃ CH ₂ CH ₂ CH=CHCH ₂ OH	0	0.038	0.000223	0.009	0.000228	0.003	0.000228	0.001	2.38×10 ⁻⁷	0.001	1.81×10 ⁻⁷	0	0.249	0.293
(e)-hex-2-en-1-ol	CH ₃ CH ₂ CH ₂ CH=CHCH ₂ OH	0	0.036	0.000208	0.009	0.000212	0.002	0.000212	0.001	2.22×10 ⁻⁷	0.001	1.68×10 ⁻⁷	0	0.232	0.273
Miscellaneous compounds															
Allyl cyanide	CH ₂ =CHCH ₂ CN	0.002	0	4.08×10 ⁻⁵	0.002	4.16×10 ⁻⁵	0	4.16×10 ⁻⁵	0	4.35×10 ⁻⁸	0	3.3×10 ⁻⁸	0	0.045	0.054
Hexamethyldisiloxane	C ₆ H ₁₈ O ₂ Si ₂	0.025	0.047	0.0418	1.72	0.0426	0.476	0.0426	0.136	4.46×10 ⁻⁵	0.104	3.39×10 ⁻⁵	0.086	46.6	54.8
Octamethyltrisiloxane	C ₈ H ₂₄ O ₂ Si ₃	0.019	0.06	0.0285	1.17	0.029	0.325	0.029	0.093	3.04×10 ⁻⁵	0.071	2.31×10 ⁻⁵	0.058	31.8	37.4
Decamethyltetrasiloxane	C ₁₀ H ₃₀ O ₂ Si ₄	0.014	0.06	0.0155	0.635	0.0158	0.176	0.0158	0.05	1.65×10 ⁻⁵	0.039	1.25×10 ⁻⁵	0.032	17.3	20.3
Dodecamethylpentasiloxane	C ₁₂ H ₃₆ O ₄ Si ₅	0.011	0.064	0.0107	0.439	0.0109	0.122	0.0109	0.035	1.14×10 ⁻⁵	0.027	8.67×10 ⁻⁶	0.022	11.9	14
Hexamethylcyclotrisiloxane	C ₆ H ₁₈ O ₃ Si ₃	0.038	0.1	0.101	4.14	0.103	1.15	0.103	0.328	0.000108	0.252	8.18×10 ⁻⁵	0.207	113	132
Octamethylcyclotetrasiloxane	C ₈ H ₂₄ O ₄ Si ₄	0.027	0.12	0.0648	2.66	0.0661	0.739	0.0661	0.211	6.92×10 ⁻⁵	0.162	5.25×10 ⁻⁵	0.133	72.3	85.1
Decamethylcyclopentasiloxane	C ₁₀ H ₃₀ O ₅ Si ₅	0.016	0.098	0.0253	1.04	0.0258	0.289	0.0259	0.082	2.71×10 ⁻⁵	0.063	2.05×10 ⁻⁵	0.052	28.3	33.3
Dodecamethylcyclohexasiloxane	C ₁₂ H ₃₆ O ₆ Si ₆	0.011	0.086	0.0124	0.51	0.0127	0.142	0.0127	0.04	1.33×10 ⁻⁵	0.031	1.01×10 ⁻⁵	0.026	13.9	16.3
Ethane	C ₂ H ₆	0.159	0.001	0.0383	1.57	0.0391	0.437	0.0391	0.125	4.1×10 ⁻⁵	0.096	3.11×10 ⁻⁵	0.079	42.7	50.3
Propane	C ₃ H ₈	0.036	0	0.00175	0.072	0.00178	0.02	0.00178	0.006	1.87×10 ⁻⁶	0.004	1.42×10 ⁻⁶	0.004	1.95	2.29
Butane	n-C ₄ H ₁₀	0.019	0	0.000542	0.022	0.000553	0.006	0.000553	0.002	5.79×10 ⁻⁷	0.001	4.4×10 ⁻⁷	0.001	0.605	0.712

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2 [END TABLE 7.SM.7 HERE]

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