

## **Supporting Information**

# **Analysis of the combinations of property data that are suitable for a safe estimation of consistent Twu $\alpha$ -function parameters. Updated parameter values for the translated-consistent *tc*-PR and *tc*-RK cubic equations of state.**

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**Table S1.** Updated parameter values for the translated-consistent *tc*-PR CEoS (no deviation means that no accurate data were available in the DIPPR database).

**Color key:**

	Molecules studied by Le Guennec et al. for which new parameters were determined in this work (1060).
	New molecules added in this work (661).
	Quantum fluids kept from Le Guennec et al.'s work - no new parameters were determined - (4).
	Molecules studied by Le Guennec et al. and removed in this work (52).

## *tc*-PR CEoS

Average MAPE on:				
$P^{\text{sat}}$	$\Delta_{\text{vap}}H$	$c_{P,\text{liq}}^{\text{sat}}$	$v_{\text{liq}}^{\text{sat}}$ ( $T_r < 0.9$ )	$v_c$
<b>1.0%</b>	<b>1.9%</b>	<b>2.0%</b>	<b>2.2%</b>	<b>20%</b>

Name	$T_c / K$	$P_c / \text{bar}$	$\omega$	$Z_{\text{RA}}$	$L$	$M$	$N$	$c (\text{cm}^3 \cdot \text{mol}^{-1})$	MAPE on:				
									$P^{\text{sat}}$	$\Delta_{\text{vap}}H$	$c_{P,\text{liq}}^{\text{sat}}$	$v_{\text{liq}}^{\text{sat}}$	$v_c$
(3-METHYLACRYLOXYPROPYL)TRICHLOROSILANE	708,1	21,13	0,6267	0,2457	1,1215	0,8855	1,0933	18,1828	0,58%	1,20%		1,75%	26,25%
(Z)-1,3-DICHLORO-2-BUTENE	617	37,8	0,2370	0,2508	1,1767	0,9689	0,5983	14,7605	2,10%		0,27%	2,37%	21,95%
[3-(2,3-EPOXYPROXY)PROPYL]TRIMETHOXYSILANE	701,4	18,12	0,7605	0,2336	0,7928	0,8225	1,6955	40,9453	0,71%	1,77%	0,37%	2,58%	29,56%
[3-(MERCAPTO)PROPYL]TRIETHOXYSILANE	647,5	18,63	0,8370	0,2587	0,6337	0,8623	2,3632	-15,3185	1,06%			3,76%	22,78%
1-(4-ETHYLPHENYL)-2-(4-ETHYLPHENYL)ETHANE	780,9	19,17	0,5860		0,4913	0,8110	2,0505		0,59%	2,22%			
1-(4-ETHYLPHENYL)-2-PHENYLETHANE	771	21,7	0,5782		1,1185	0,9028	1,0406		0,75%	1,04%	3,33%		
1,1,1,2,2,3,4,5,5,5-DECAFLUOROPENTANE	454,2	22,88	0,5000	0,2605	1,3682	1,0000	0,7623	-1,2289	2,48%	2,99%		1,23%	18,28%
1,1,1,2,2-PENTAFLUOROPROPANE	380,11	31,372	0,3046	0,2658	1,1242	1,0000	0,7096	-0,8342	0,50%	1,19%		1,22%	13,66%
1,1,1,2,3,3,3-HEPTAFLUOROPROPANE	374,83	29,116	0,3552	0,2650	1,1900	1,0000	0,7259	-1,7055	0,37%	0,97%		1,22%	20,71%
1,1,1,2,3,3-HEXAFLUOROPROPANE	412,38	34,116	0,3688	0,2649	0,2305	0,8216	2,4768	-1,9507	0,39%	0,91%		1,07%	15,15%
1,1,1,2-TETRACHLORODIFLUOROETHANE	552	33,4	0,2570	0,2615	0,1535	0,7882	2,1533	3,8810	0,84%	3,16%		2,18%	19,24%
1,1,1,2-TETRACHLOROETHANE	624	40,2	0,2422	0,2615	0,1999	0,8182	2,0925	4,8893	1,49%	2,49%		1,33%	20,57%
1,1,1,2-TETRAFLUOROETHANE	374,18	40,56	0,3269	0,2590	0,2842	0,8321	2,1218	2,2694	0,26%	0,72%	3,82%	1,45%	17,46%
1,1,1,3,3,3-HEXAFLUOROPROPANE	398,07	32,192	0,3905	0,2645	0,9448	0,8718	0,9521	-2,3048	0,61%	1,70%		1,13%	19,68%
1,1,1,3,3-PENTACHLOROPROPANE	670,9	32,96	0,3241	0,2568	1,5632	1,0000	0,5102	8,7508	0,69%	1,84%		1,59%	17,58%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:					
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>	
1,1,1,3,3-PENTAFLUOROBUTANE	473,7	33,92	0,2571	0,2742	0,0000	0,4391	1,1562	-4,9886	1,31%			0,93%	16,75%	
1,1,1,3,3-PENTAFLUOROPROPANE	427,2	36,4	0,3755	0,2630	1,5935	1,0000	0,5416	-0,5819	0,63%	1,61%		1,34%	16,04%	
1,1,1-TRICHLOROETHANE	545	43	0,2183	0,2707	0,1493	0,8507	2,5381	-2,4584	0,48%	1,87%	1,32%	1,13%	16,16%	
1,1,1-TRICHLOROFLUOROETHANE	565	39,9	0,2501		1,0710	1,0000	0,6770		0,64%	1,31%				
1,1,1-TRICHLOROTRIFLUOROETHANE	483	33,2	0,2667	0,2655	0,1813	0,8499	2,5503	-1,0762	3,54%	1,60%	0,19%	1,96%	16,17%	
1,1,1-TRIFLUOROETHANE	345,88	37,64	0,2614	0,2565	0,2844	0,8435	1,9314	4,8500	0,35%	1,65%	0,71%	1,95%	17,95%	
1,1,2,2,3-PENTAFLUOROPROPANE	447,57	39,25	0,3531	0,2665	1,1029	1,0000	0,7901	-2,4814	0,52%	1,51%		1,07%	14,82%	
1,1,2,2-TETRACHLOROETHANE	645	40,9	0,2467	0,2545	0,0000	0,4300	1,1100	11,8121	1,67%			2,79%	20,39%	
1,1,2,2-TETRAFLUOROETHANE	391,8	46,4	0,2660	0,2691	0,2310	0,8629	2,3548	-1,7814	3,23%	2,57%		1,01%	13,93%	
1,1,2,2-TETRAPHENYLETHANE	827	16,7	0,7322		0,6019	0,7981	2,0170		0,64%	1,29%	1,10%			
1,1,2-TRICHLOROETHANE	602	44,8	0,2591	0,2591	0,1669	0,8226	2,3608	6,2930	0,51%	2,02%	0,06%	1,16%	19,98%	
1,1,2-TRICHLOROTRIFLUOROETHANE	487,25	34,1	0,2515	0,2719	0,4985	0,8401	1,2736	-4,9288	0,85%	1,59%	0,50%	1,16%	13,89%	
1,1,2-TRIFLUOROETHANE	429,8	52,41	0,3265	0,2622	0,9201	0,8598	0,8740	0,7414	0,40%	1,14%		1,37%	16,68%	
1,1,2-TRIMETHYLCYCLOPENTANE	579,54	29,385	0,2523	0,2613	0,2074	0,8205	2,1149	4,5476	0,61%	2,25%		2,06%	19,79%	
1,1,2-TRIPHENYLETHANE	840	20,4	0,6116		1,0779	0,8904	1,1202		0,79%	1,07%	1,27%			
1,1,3-TRIMETHYLCYCLOHEXANE	611,3	29,78	0,2753	0,2783	0,2027	0,8505	2,4950	-15,2345	0,90%	2,23%		1,66%	15,11%	
1,1,3-TRIMETHYLCYCLOPENTANE	569,54	28,268	0,2119	0,2608	1,3254	1,0000	0,5011	6,3045	1,66%	1,61%		2,48%	21,98%	
1,1-DIBROMOETHANE	628	60,3	0,1250	0,3016	0,2784	0,0000	0,5139	-18,2097	4,23%	6,18%		2,15%	3,04%	
1,1-DICHLORO-1-FLUOROETHANE	478,85	43,4	0,2211	0,2756	0,1886	0,8489	2,2880	-5,3725	0,56%	1,25%	2,00%	1,13%	13,59%	
1,1-DICHLOROETHANE	523	50,7	0,2339	0,2751	0,5696	0,8152	1,0619	-4,5259	0,49%	1,63%	0,82%	1,24%	11,74%	
1,1-DICHLOROPROPANE	560	42,4	0,2529	0,2572	0,3488	0,8027	1,5171	4,7204	0,35%	1,21%	1,60%	4,05%	14,38%	
1,1-DICHLOROTETRAFLUOROETHANE	418,55	33	0,2533	0,2748	0,1906	0,8435	2,3735	-6,4585	0,19%	1,67%	5,02%	0,98%	12,46%	
1,1-DIETHYLCYCLOHEXANE	643	25,7	0,4036	0,2567	1,0433	0,9540	0,9048	7,1248	0,87%	1,41%	3,23%	1,77%	18,42%	
1,1-DIFLUOROETHANE	386,44	45,198	0,2751	0,2534	0,2964	0,8463	1,9520	5,6960	0,36%	0,98%	4,88%	1,99%	18,90%	
1,1-DIFLUOROETHYLENE	302,8	44,6	0,1362	0,2725	0,1422	0,8645	2,3323	-0,6234	2,47%			2,28%	0,97%	13,08%
1,1-DIMETHOXYETHANE	507,8	37,73	0,3277	0,2660	0,1532	0,8322	2,8613	-1,5783	1,25%	5,83%	2,54%	1,32%	16,35%	
1,1-DIMETHYLCYCLOHEXANE	591,15	29,3843	0,2326	0,2605	1,3829	1,0000	0,4902	8,0765	0,31%	0,96%	0,41%	1,86%	12,47%	
1,1-DIMETHYLCYCLOPENTANE	547	34,45	0,2724	0,2786	0,3589	0,8341	1,6350	-11,5218	1,60%	0,78%	3,02%	1,39%	15,93%	
1,1-DIPHENYLETHANE	775	26,8	0,4566	0,2559	0,6969	0,8274	1,3393	9,3260	0,62%	1,38%		2,01%	20,82%	
1,2,3,4-TETRAHYDRONAPHTHALENE	720	36,5	0,3353	0,2597	0,4128	0,8260	1,6580	3,2432	0,66%	3,10%	0,45%	1,43%	22,78%	
1,2,3,4-TETRAMETHYLBENZENE	693	31,1	0,4172	0,2564	0,2555	0,8409	2,7014	6,0453	2,07%	2,73%		1,21%	18,63%	
1,2,3,4-TETRAMETHYLCYCLOHEXANE	642	25,7	0,4016	0,2564	0,7400	0,8286	1,1754	7,5453	0,57%	1,51%	2,51%	1,48%	19,49%	
1,2,3,5-TETRAETHYLBENZENE	708	20,7	0,5940	0,2494	1,2438	1,0000	0,9627	14,8773	1,33%	4,14%	2,67%	1,80%	22,23%	
1,2,3,5-TETRAMETHYLBENZENE	679	29,7	0,4242	0,2543	0,4709	0,8430	1,8073	8,7976	0,95%	1,87%	0,67%	1,31%	19,40%	
1,2,3,6-TETRAHYDROBENZALDEHYDE	655	40,3	0,3638	0,2607	0,3296	0,8045	1,9259	1,3544	0,47%	3,62%	2,84%	1,50%	20,02%	
1,2,3-BENZENETRIOL	830	88,1	0,9452		0,6834	0,8591	2,4093		5,42%					

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
1,2,3-TRICHLOROBENZENE	734	45,1	0,4263	0,2848	0,4553	0,8411	1,8351	-20,0494	0,66%	2,03%	0,32%	2,66%	10,38%
1,2,3-TRICHLOROPROPANE	652	38,7	0,3056	0,2393	0,2844	0,8001	1,8723	21,8715	0,44%	2,42%	2,31%	4,63%	22,37%
1,2,3-TRIETHYLBENZENE	683	23,8	0,5054		0,6790	0,8594	1,5206		1,01%	1,48%	1,63%		
1,2,3-TRIMETHYL-4-ETHYLBENZENE	702,7	27,95	0,4574	0,2543	0,8539	0,8721	1,1573	8,7016	0,62%	1,67%		1,35%	19,37%
1,2,3-TRIMETHYLBENZENE	664,5	34,54	0,3666	0,2560	0,4191	0,8441	1,8018	5,2133	0,49%	0,98%	1,25%	1,87%	17,51%
1,2,3-TRIMETHYLINDENE	726	27,7	0,4419	0,2427	0,9973	0,9992	1,0229	26,3827	1,67%	0,92%	6,44%	1,44%	21,64%
1,2,4,5-TETRAISOPROPYLBENZENE	703	15,56	0,6360		0,3564	0,7669	2,4302		0,27%	1,56%			
1,2,4,5-TETRAMETHYLBENZENE	676	29	0,4217	0,2481	0,7740	0,8998	1,2351	15,2278	0,74%	1,02%	2,52%	2,13%	20,45%
1,2,4-TRICHLOROBENZENE	725	37,2	0,3581	0,2524	0,6126	0,8313	1,2780	12,1382	1,11%	1,71%	0,13%	1,42%	23,03%
1,2,4-TRIETHYLBENZENE	684	23,8	0,5011	0,2513	0,4150	0,8462	2,2435	12,4036	0,58%	3,43%	0,50%	2,04%	20,36%
1,2,4-TRIMETHYL-3-ETHYLBENZENE	697,3	27,95	0,4569	0,2562	0,5508	0,8982	1,8266	5,2782	0,42%			1,53%	19,09%
1,2,4-TRIMETHYL-5-ETHYLBENZENE	687,3	26,78	0,4638	0,2531	0,5562	0,8481	1,6844	10,0543	0,44%	1,88%		1,34%	19,61%
1,2,4-TRIMETHYLBENZENE	649,1	32,32	0,3787	0,2557	0,4151	0,8395	1,8302	6,8924	0,23%	0,79%	0,77%	1,30%	17,77%
1,2-BENZENE DICARBOXYLIC ACID, HEPTYL, UNDECYL ESTER	878	10,7	1,0205	0,2217	0,5135	0,8219	3,0699	101,2589	0,68%			2,07%	45,69%
1,2-BENZENEDICARBOXYLIC ACID, HEPTYL, NONYL ESTER	841	11,6	1,0944	0,2275	0,5321	0,8188	3,1380	66,0347	0,56%			2,74%	40,71%
1,2-BENZENEDIOL	764	74,9	0,6937	0,3102	0,6565	0,8897	2,0143	-31,3646	5,91%	4,73%		3,59%	2,64%
1,2-BUTADIENE	452	43,6	0,1659	0,2627	1,1125	0,9395	0,5387	4,4502	1,75%	2,44%	0,31%	1,48%	18,42%
1,2-BUTANEDIOL	680	52,1	0,6305	0,2557	1,6181	1,0000	0,7356	-0,3086	0,65%	0,68%		1,51%	10,20%
1,2-DIBROMOETHANE	650,15	54,769	0,2067	0,2663	1,2790	1,0000	0,5009	1,2274	0,76%	1,28%	0,62%	1,80%	15,51%
1,2-DIBROMOTETRAFLUOROETHANE	487,8	33,93	0,2431	0,2710	0,1382	0,8425	2,6732	-4,0293	0,47%	0,95%		1,21%	8,94%
1,2-DICHLORO-1,1,2-TRIFLUOROETHANE	461,6	36,1	0,2410	0,2642	0,2843	0,8238	1,7539	1,7895	0,29%	1,44%	5,17%	1,38%	16,91%
1,2-DICHLORO-4-NITROBENZENE	758	36	0,5385	0,2438	0,6554	0,8276	1,5755	16,8259	0,61%	1,13%		1,27%	19,57%
1,2-DICHLOROBUTANE	600	36,8	0,2988	0,2503	0,4213	0,8312	1,5511	11,2506	0,35%	1,10%		3,52%	18,21%
1,2-DICHLOROETHANE	561,6	53,7	0,2866	0,2659	0,2198	0,8567	2,4452	-0,5534	2,02%	2,78%	2,77%	1,05%	21,75%
1,2-DICHLOROHEXAFLUOROCYCLOBUTANE	497	27,3	0,2330		0,2347	0,8283	1,9499		0,44%	1,86%			
1,2-DICHLOROPROPANE	572	42,4	0,2564	0,2604	0,1969	0,8261	2,1983	4,5362	0,42%	3,66%	1,03%	1,44%	16,93%
1,2-DICHLOROTETRAFLUOROETHANE	418,85	32,6	0,2520	0,2725	0,1523	0,8446	2,6386	-5,0568	0,54%	2,03%	4,28%	1,11%	13,41%
1,2-DIETHOXYSYETHANE	561	29,3	0,4818	0,2535	0,1860	0,8175	3,1662	3,4919	1,42%	5,34%	6,71%	1,99%	20,86%
1,2-DIFLUOROBENZENE	566	42,99	0,2792	0,2646	0,2047	0,8522	2,5148	0,3606	0,79%	2,19%		1,08%	15,91%
1,2-DIFLUOROETHANE	445	43,4	0,2224	0,2286	0,1829	0,8585	2,4184	22,1486	0,54%	2,89%		4,66%	23,03%
1,2-DIMETHOXYETHANE	536,15	38,7061	0,3475	0,2587	1,2596	1,0000	0,6717	2,1768	0,52%	0,98%		1,89%	30,01%
1,2-DIMETHOXYPROPANE	543	34,46	0,3522	0,2674	1,1561	0,9947	0,7470	-3,9126	0,61%	1,32%		1,09%	16,19%
1,2-DIMETHYL-3-PROPYLBENZENE	687,7	27,24	0,4531	0,2615	0,6541	0,8665	1,4715	1,8917	0,61%	1,48%		2,41%	9,79%
1,2-DIPHENYLETHANE	780	26,5	0,4885	0,2518	0,2802	0,8358	2,7926	12,6100	0,31%	0,94%		1,18%	20,08%
1,2-EPOXY-2-METHYLPROPANE	521	46,6	0,1709	0,2674	0,5395	0,8422	0,9964	0,5916	0,46%	3,27%	0,75%	2,24%	17,83%
1,2-EPOXY-3-PHENOXYPROPANE	720	29,5	0,5943	0,2317	0,2544	0,8171	3,1750	33,6108	1,17%	2,03%		1,47%	27,20%

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									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
1,2-EPOXYBUTANE	526	43,9	0,2345	0,2570	0,6675	0,8160	0,9451	6,9415	0,41%	2,65%	0,24%	1,80%	16,01%
1,2-ETHANEDIITHIOL	663	53,6	0,2570	0,2566	1,1168	0,9999	0,6547	5,8013	0,65%	1,38%	1,67%	48,49%	
1,2-HEXADIENE	526	33,5	0,2762	0,2564	1,2482	1,0000	0,5973	8,0288	0,53%	1,93%	0,61%	1,72%	18,82%
1,2-PENTADIENE	500	38	0,1542	0,2570	1,1211	1,0000	0,5433	8,9486	4,35%	4,87%	0,70%	2,61%	18,60%
1,2-PROPANEDIAMINE	587	52,7	0,4738	0,2798	0,6805	0,8498	1,4295	-10,2907	0,23%	0,69%	3,03%	6,65%	
1,2-PROPYLENE OXIDE	482,25	49,2	0,2683	0,2456	0,3360	0,8300	1,6871	10,4198	1,61%	2,62%	0,69%	3,44%	29,09%
1,3,5,7-CYCLOOCTATETRAENE	641,4	44,2	0,2870		0,1981	0,8497	2,5539		0,44%	2,35%	0,79%		
1,3,5-TRICHLOROBENZENE	718	37,2	0,3596	0,2566	1,0137	1,0000	0,8744	7,8292	1,03%	1,74%	1,06%	14,23%	
1,3,5-TRIETHYLBENZENE	678	23	0,5077	0,2476	0,6078	0,8500	1,6627	17,4137	0,57%	2,66%	0,72%	1,60%	24,12%
1,3,5-TRIISOPROPYLBENZENE	696,6	19,5	0,5324		1,0138	0,8406	1,0692		0,66%	1,35%			
1,3,5-TRI-tert-BUTYLBENZENE	717,8	16,56	0,4865		1,4794	0,8049	0,7096		0,57%	1,84%			
1,3-BENZENEDIOL	810	74,9	0,6767	0,2911	1,3743	1,0000	0,9313	-22,5197	1,92%	1,83%	1,02%	1,97%	0,36%
1,3-BUTADIENE	425	43,2	0,1950	0,2708	0,1609	0,8589	2,4120	-1,6099	0,66%	1,68%	1,36%	1,22%	14,50%
1,3-BUTANEDIOL	676	40,2	0,7043	0,2106	1,6949	1,0000	0,7507	35,4139	1,61%	2,52%	9,25%	6,78%	29,30%
1,3-CYCLOHEXADIENE	558	47,3	0,2308	0,2823	0,3483	0,8292	1,5190	-8,8397	1,36%	1,75%	1,69%	2,96%	12,04%
1,3-DICHLOROHEXAFLUOROPROPANE	449	25,7	0,3286	0,2570	1,1546	1,0000	0,7186	4,9252	0,59%	1,10%		2,33%	19,68%
1,3-DICHLOROPROPANE	603	41,5	0,2916	0,2456	0,4465	0,8100	1,4001	15,3373	1,97%	2,95%	2,22%	3,14%	22,35%
1,3-DIFLUOROBENZENE	548,4	42,99	0,2862	0,2710	0,2283	0,8569	2,4419	-4,2674	0,94%	2,34%		1,14%	13,12%
1,3-DIMETHYL UREA	787,1	48,7	0,5900		0,4594	0,8019	2,1177		0,33%	1,67%			
1,3-DIMETHYL-2-IMIDAZOLIDINONE	749,9	42,75	0,3701	0,2485	0,7955	0,9024	1,1091	14,1868	0,61%	1,84%		1,44%	19,93%
1,3-DIMETHYL-5-NITROBENZENE	787,7	33,13	0,4745		0,6179	0,8265	1,5217		0,63%	2,17%			
1,3-DIMETHYLADAMANTANE	708	30	0,2935	0,2785	0,2295	0,8410	2,3211	-18,9470	0,41%	2,39%	0,88%	1,29%	9,15%
1,3-DIOXANE	590	51,5	0,2891	0,2703	1,2454	1,0000	0,6123	-2,5768	0,64%	1,93%	1,40%	1,52%	23,59%
1,3-DIPHENYLTRIAZENE	845	28,3	0,6173		0,5654	0,8114	1,9110		0,57%	0,97%			
1,3-DI-TERT-BUTYL GLYCERIN	667,1	21,86	0,6502	0,2721	0,6137	0,8259	1,8961	-29,0774	0,50%	1,21%		2,40%	17,25%
1,3-PROPANEDIAMINE	608	51,2	0,5063	0,2737	0,3505	0,8481	2,5799	-5,7318	0,89%			4,16%	2,14%
1,3-PROPYLENE GLYCOL	724	95	0,7385	0,3022	0,4868	0,8467	2,6036	-23,7610	4,71%	2,07%		2,59%	0,71%
1,3-PROPYLENE OXIDE	520	57,5	0,2005	0,2535	0,1445	0,8422	2,3839	7,6174	0,47%	2,04%	0,39%	2,50%	18,89%
1,4-BENZENEDICARBOXYLIC ACID, 2-HYDROXYETHYL METHYL ESTER	832	26,75	0,8033		0,5083	0,8125	2,5246		0,68%	1,34%			
1,4-BIS(3-AMINOPROPYL)PIPERAZINE	750,3	22,66	0,8314	0,2553	0,3989	0,8190	3,1324	-0,6228	0,65%		2,72%	3,95%	13,83%
1,4-BUTANEDIISOCYANATE	724,3	29,47	0,4258	0,2245	0,4290	0,8440	1,9574	49,4806	0,66%	2,19%	0,62%	2,81%	26,08%
1,4-CYCLOHEXANEDICARBOXYLIC ACID	819,8	37,36	1,0050		0,5154	0,8216	3,0236		0,44%	2,29%			
1,4-DIBROMOBENZENE	738,15	44,72	0,4257	0,2748	0,5521	0,9137	1,7630	-12,7570	3,35%			1,45%	17,15%
1,4-DICHLOROBUTANE	641	36,1	0,3260	0,2414	0,4825	0,7807	1,3654	21,4179	0,45%	2,13%	0,75%	3,61%	26,07%
1,4-DICHLORO-cis-2-BUTENE	640	37,8	0,3299	0,2434	0,6910	0,8209	1,1013	19,9122	0,57%	2,15%	0,28%	2,29%	20,36%
1,4-DICHLORO-trans-2-BUTENE	646	37,8	0,3282	0,2432	0,6941	0,8216	1,0951	20,2679	0,53%	2,01%	0,32%	2,49%	20,38%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
1,4-DICYANO-2-BUTENE	755	29,5	0,6668	0,2004	0,4582	0,8090	2,3543	74,9953	0,60%	1,58%		4,06%	35,95%
1,4-DIFLUOROBENZENE	556,9	44	0,2985	0,2722	0,2308	0,8554	2,4644	-4,5462	1,03%	2,56%		1,04%	9,38%
1,4-DIOXANE	587	52,081	0,2793	0,2679	0,1971	0,8198	2,2484	-1,7643	0,69%	1,64%	7,34%	1,17%	21,78%
1,4-DI-tert-BUTYLBENZENE	708	23	0,5023	0,2705	0,2651	0,8300	2,8881	-18,0871	1,87%	1,49%	1,00%	1,33%	9,95%
1,4-HEXADIENE	510	33,5	0,2800	0,2636	1,2181	1,0000	0,6108	1,8606	1,86%	2,28%	4,25%	1,50%	16,99%
1,4-PENTADIENE	479	37,4	0,0837	0,2770	1,9155	1,0000	0,2615	-1,0849	5,22%	5,38%	2,48%	3,73%	8,39%
1,5,9-CYCLODODECATRIENE	745	29,9	0,4031	0,2717	0,8277	0,9834	1,1833	-15,0183	0,68%			1,88%	15,78%
1,5-CYCLOOCTADIENE	645	39	0,2858	0,2803	0,6714	0,8370	1,0621	-11,4034	0,98%	1,29%		3,96%	18,61%
1,5-DICHLOROPENTANE	668	31,9	0,3766	0,2406	0,8914	0,8167	0,9544	24,8571	0,37%	3,42%	2,58%	2,78%	28,88%
1,5-HEXADIENE	508	33,5	0,2259	0,2633	1,0360	1,0000	0,6687	2,6762	0,66%	0,99%		1,83%	13,54%
1,5-NAPHTHALENE DIISOCYANATE	818	27,2	0,7301		0,3302	0,8168	3,1833		0,54%	1,29%			
1,5-PENTANEDIAMINE	642	37,35	0,5874	0,2647	0,5973	0,8916	1,9931	-3,4768	0,96%			3,47%	4,93%
1,5-PENTANEDIOL	673	41,5	1,2216	0,2260	0,9297	0,8731	2,2156	8,2031	4,08%		9,09%	2,34%	17,76%
1,9-DECADIENE	606,8	22,67	0,5110	0,2538	0,8716	0,8817	1,2250	7,9099	0,53%	1,36%		1,73%	19,68%
1-AMINO-2-PROPANOL	614	56,7	0,7870	0,2577	0,7285	0,8890	2,0218	-3,9786	0,84%	2,62%		1,34%	0,99%
1-BROMOBUTANE	570,4	40,41	0,3113	0,2687	0,2748	0,8651	2,3243	-3,4850	2,59%	3,57%		1,85%	16,37%
1-BROMODODECANE	727,9	18,37	0,6823	0,2453	0,7202	0,8223	1,7055	22,4004	0,72%	1,44%		1,97%	22,72%
1-BROMOHEPTANE	646,1	28,97	0,4527	0,2654	0,4375	0,8776	2,1593	-5,5956	0,95%			2,85%	19,42%
1-BROMONAPHTHALENE	824	37	0,3692	0,2545	1,2053	1,0000	0,7321	10,8624	0,65%	1,04%		1,42%	23,25%
1-BROMOPROPANE	535,5	45,78	0,2811	0,2646	0,2518	0,8666	2,3038	-0,4317	4,18%	4,53%		1,39%	13,84%
1-BUTANOL	563,1	44,14	0,5883	0,2523	1,3851	1,0000	0,8538	1,5825	4,16%	4,84%	4,84%	1,45%	18,85%
1-BUTENE	419,5	40,2	0,1845	0,2743	0,2035	0,8532	2,0765	-3,4679	2,15%	2,01%	1,77%	1,64%	12,11%
1-CHLORO-1,1-DIFLUOROETHANE	410,29	40,41	0,2307	0,2665	0,3629	0,8278	1,4897	0,1103	0,40%	0,95%	2,28%	1,39%	15,28%
1-CHLORO-2,4-DINITROBENZENE	813,77	34,9	0,7319	0,2300	0,6049	0,8159	2,0625	27,7740	0,63%	1,00%		1,89%	18,87%
1-CHLORONAPHTHALENE	785	34	0,3827	0,2460	0,2255	0,8399	2,7185	20,7707	2,43%	3,19%		1,45%	31,18%
1-CHLOROPENTANE	571,2	33,52	0,2952	0,2561	0,3989	0,8335	1,6183	7,9390	1,01%	2,17%		1,54%	20,11%
1-cis-2-trans-3-TRIMETHYLCYCLOPENTANE	579,82	28,979	0,2800	0,2592	1,1351	1,0000	0,6742	5,8164	0,72%	1,48%		1,74%	21,24%
1-cis-2-trans-4-TRIMETHYLCYCLOPENTANE	579,26	28,779	0,2775	0,2592	1,1230	0,9998	0,6762	5,8010	0,84%	1,70%		1,82%	21,98%
1-DECANOL	688	23,08	0,6070	0,2484	2,4307	1,0000	0,4584	13,6732	1,78%		5,77%	1,38%	16,00%
1-DECENE	616,6	22,23	0,4805	0,2558	0,3362	0,8238	2,3809	6,3205	0,33%	2,67%	1,27%	1,73%	20,31%
1-DECYNE	619,85	23,7	0,5178	0,2580	0,2546	0,8267	2,9700	1,5141	1,65%	1,91%	6,07%	1,78%	20,82%
1-DOCOSANOL	824,4	10,35	0,8975	0,2245	0,3658	0,6070	2,2788	126,5383	0,57%			1,49%	24,88%
1-DOCOSENE	791,6	11,21	0,9481		0,5254	0,8135	2,8000		0,53%	1,63%			
1-DODECANOL	718,7	19,54	0,6556	0,2443	0,2387	0,7525	2,8894	23,5152	3,70%		5,49%	1,23%	16,46%
1-DODECENE	657,1	18,88	0,5620	0,2490	0,4713	0,8055	2,0283	17,8443	0,41%	2,16%	3,02%	1,62%	20,23%
1-EICOSANOL	807,7	11,54	0,8789	0,2312	0,2477	0,7739	3,6907	88,3679	1,40%		1,35%	2,06%	23,23%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
1-EICOSENE	771	12,2	0,8804	0,2405	0,4337	0,8115	3,0301	44,3180	0,93%	2,04%	1,15%	3,02%	20,84%
1-ETHOXYSY-2-PROPANOL	560,4	37,48	0,7581	0,2687	0,6369	0,8730	2,2175	-13,4424	5,05%		4,31%	18,80%	
1-ETHYL-2-ISOPROPYLBENZENE	666	26,7	0,4176	0,2561	0,5339	0,8228	1,5617	7,5474	0,32%	0,45%	0,26%	1,42%	18,86%
1-ETHYLCYCLOHEXENE	614,9	33,05	0,2922	0,2628	0,5469	0,8128	1,2347	2,3616	1,23%	2,44%		1,49%	16,26%
1-ETHYNAPHTHALENE	776	33,2	0,4073	0,2565	0,5079	0,8201	1,5862	6,0442	2,05%	2,43%	2,02%	1,34%	13,72%
1-ETHYLTETRALIN	733	27,52	0,4292	0,2508	1,2329	1,0000	0,7817	15,7567	0,64%	1,38%		1,63%	19,82%
1-HEPTADECANOL	779,2	13,77	0,8123	0,2409	0,2431	0,7944	3,7696	49,1228	2,21%		3,23%	2,92%	20,44%
1-HEPTADECENE	736	14,1	0,7503	0,2433	0,3636	0,8197	3,0899	33,7770	1,90%	1,94%	1,60%	2,43%	20,40%
1-HEPTANOL	632,3	30,85	0,5621	0,2642	1,7829	1,0000	0,6175	-4,3778	3,04%		8,28%	2,96%	18,97%
1-HEPTENE	537,4	29,2	0,3432	0,2648	0,3941	0,8352	1,7693	-1,6608	1,77%	2,56%	1,90%	1,55%	17,42%
1-HEPTYNE	547	32,1	0,3778	0,2683	0,2893	0,8555	2,4634	-5,6551	0,82%	1,96%	5,61%	1,66%	14,00%
1-HEXADECENE	827,3	9,642	1,0757		0,5208	0,8147	3,1264		0,53%	1,71%			
1-HEXADECANOL	768,6	14,68	0,7788	0,2375	0,2396	0,7965	3,7065	49,6106	3,10%		3,92%	1,61%	19,31%
1-HEXADECENE	722	14,8	0,7242	0,2435	0,4186	0,8094	2,6641	32,3289	1,51%	1,64%	0,80%	2,21%	20,49%
1-HEXANOL	611,3	34,46	0,5586	0,2515	1,5803	1,0000	0,7030	3,6961	2,99%		8,40%	1,75%	17,72%
1-HEXENE	504	32,1	0,2851	0,2674	1,0769	1,0000	0,7257	-2,1926	1,30%	1,06%	1,11%	1,55%	15,94%
1-HEXYNE	516,2	36,2	0,3327	0,2693	0,2358	0,8510	2,5334	-5,2384	0,79%	1,18%	4,55%	1,51%	14,81%
1-METHOXY-2-PROPANOL PROPAANOATE	611,7	26,02	0,5099	0,2490	1,6402	0,9999	0,6318	13,7912	0,74%	1,40%		1,41%	20,55%
1-METHYL-1-ETHYLCYCLOPENTANE	582	30,2	0,3298	0,2656	0,2068	0,8447	2,6362	-2,0379	2,45%		2,13%	1,87%	15,56%
1-METHYL-2-n-PROPYLBENZENE	662	29,4	0,4070	0,2595	0,2629	0,8447	2,6367	3,1233	1,86%	2,86%	2,56%	1,73%	18,75%
1-METHYL-3-(METHYLETHOXY)BENZENE	670	28,4	0,4454	0,2601	0,2330	0,8317	2,8711	0,8407	1,87%	3,68%		1,21%	21,64%
1-METHYL-3-HYDROXY-5-ISOPROPYL BENZENE	726,8	34,08	0,5863		1,5827	0,9927	0,7198		0,52%	0,98%			
1-METHYL-3-HYDROXY-6-ISOPROPYL BENZENE	722,5	34,08	0,5848		0,3611	0,8358	2,6962		0,49%	1,36%			
1-METHYL-3-n-PROPYLBENZENE	654	28,1	0,4128	0,2599	0,2743	0,8367	2,5384	3,8987	1,03%	2,40%	2,15%	2,75%	22,60%
1-METHYL-4-n-PROPYLBENZENE	656	28,1	0,4134	0,2634	0,2579	0,8420	2,6815	0,5556	1,09%	2,31%	2,32%	3,52%	23,68%
1-METHYL-4-VINYLCYCLOHEXENE	626	31,2	0,3445	0,2620	0,7999	0,9075	1,0670	1,4001	1,05%	1,92%	1,27%	1,57%	17,03%
1-METHYLCYCLOPENTENE	542	41,3	0,2318	0,2728	1,1784	1,0000	0,5834	-4,4727	0,54%	1,80%	1,73%	1,38%	12,18%
1-METHYLINDAN	694,1	34,37	0,3139	0,2626	1,0723	1,0000	0,7632	1,9179	0,50%	1,32%		1,59%	16,61%
1-METHYLINDENE	703	34,6	0,3349	0,2556	0,3677	0,8058	1,7236	9,5732	0,50%	1,92%	0,57%	1,35%	16,91%
1-METHYLNAPHTHALENE	772	36	0,3416	0,2561	1,0040	0,8943	0,8321	9,3901	0,90%	2,21%	0,47%	1,44%	15,85%
1-METHYLTETRALIN	719,3	30,57	0,3836	0,2539	1,2275	1,0000	0,7349	11,4144	0,53%	1,36%		1,61%	18,71%
1-METHYLVINYL ACETATE	552,2	41,81	0,4027	0,2801	0,2725	0,8471	2,5963	-14,0912	1,98%	2,79%		2,49%	12,35%
1-n-BUTYLNAPHTHALENE	792	26,8	0,4951	0,2547	0,7785	0,8429	1,2975	8,1729	0,85%	1,38%	0,75%	1,72%	18,41%
1-n-DECYLNAPHTHALENE	844	15,23	0,7456		0,7268	0,8284	1,8175		0,64%	1,64%			
1-n-HEXYL-1,2,3,4-TETRAHYDRONAPHTHALENE	779	18,9	0,5888	0,2398	0,6449	0,8044	1,6503	40,2048	0,59%	1,63%	0,76%	2,09%	31,42%
1-n-HEXYLNAPHTHALENE	813	22,5	0,5874	0,2531	0,6384	0,8111	1,6731	9,8127	0,45%	0,73%	0,68%	2,54%	23,31%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
1-NITROBUTANE	623	37,6	0,4546	0,2472	0,3098	0,8486	2,5721	12,4014	5,79%	4,04%		1,55%	20,55%
1-NITROPROPANE	605	43,5	0,4128	0,2442	0,3397	0,8630	2,3535	13,1064	3,45%	3,11%	9,23%	1,51%	18,88%
1-n-NONYLNAPHTHALENE	835,1	16,43	0,7216	0,2272	0,6715	0,8262	1,8967	69,4737	0,67%	1,65%		1,69%	35,72%
1-NONADECANOL	798,8	12,2	0,8582	0,2349	0,3672	0,8111	3,2906	72,5458	1,79%			2,86%	22,21%
1-NONADECENE	760	12,8	0,8325	0,2417	0,3893	0,8170	3,1704	39,9849	1,95%	1,98%	1,49%	2,82%	20,52%
1-NONANOL	670,9	25,27	0,5841	0,2472	3,2674	1,0000	0,3260	13,2995	2,04%		5,65%	2,15%	15,50%
1-NONENE	593,1	24,28	0,4367	0,2592	0,3053	0,8302	2,4151	2,2587	0,33%	3,16%	1,87%	1,67%	18,72%
1-NONYNE	598,05	26,1	0,4710	0,2620	0,2603	0,8182	2,6813	-2,1664	0,08%	0,92%	5,19%	1,65%	18,27%
1-n-PENTYNAPHTHALENE	803	24,4	0,5354	0,2516	0,8156	0,8389	1,3063	12,8659	1,05%	1,43%	0,67%	1,83%	20,74%
1-OCTACOSENE	842,2	9,011	1,1351		0,5985	0,8263	2,9768		0,62%				
1-OCTADECANOL	789,3	12,95	0,8322	0,2344	0,2288	0,7907	3,8834	67,0476	2,57%		2,81%	1,85%	21,20%
1-OCTADECENE	748	13,4	0,7943	0,2427	0,4077	0,8123	2,9277	36,6056	1,85%	1,91%	1,29%	2,62%	20,56%
1-OCTANOL	652,3	27,83	0,5697	0,2550	2,2555	1,0000	0,4807	4,2322	1,94%	4,16%	9,03%	1,34%	16,86%
1-OCTENE	566,9	26,63	0,3921	0,2628	0,2493	0,8435	2,6575	-0,9276	1,68%	2,98%	1,10%	1,75%	17,46%
1-OCTYNE	574	28,8	0,4233	0,2645	0,4099	0,8428	1,9983	-3,7374	0,92%	1,89%	5,05%	1,76%	16,09%
1-PENTADECANOL	757,3	15,69	0,7507	0,2372	0,2288	0,7970	3,6930	45,0502	3,00%		4,09%	1,41%	17,68%
1-PENTADECENE	708	15,7	0,6815	0,2454	0,4179	0,8084	2,5458	27,0879	1,67%	1,79%	0,96%	2,07%	20,24%
1-PENTANOL	588,1	38,97	0,5748	0,2536	1,4595	1,0000	0,7878	1,1742	2,42%	4,78%	4,34%	1,43%	17,95%
1-PENTENE	464,8	35,6	0,2372	0,2705	0,9309	1,0000	0,7706	-2,7711	0,44%	1,11%	1,82%	1,66%	14,68%
1-PENTENE-4-YNE	503	44	0,1786	0,2668	0,1413	0,8582	2,4235	1,3814	1,30%	2,16%	1,05%	1,59%	13,59%
1-PENTYNE	481,2	41,7	0,2899	0,2889	0,2208	0,8559	2,4580	-12,1115	1,30%	1,91%	4,36%	5,86%	10,85%
1-PHENYLNAPHTHALENE	849	26,3	0,5309	0,2448	0,6986	0,8356	1,4898	25,9668	0,63%	1,09%		1,45%	21,81%
1-PROPANOL	536,8	51,69	0,6209	0,2471	1,1040	0,9376	1,1349	3,0740	3,61%	2,84%	5,64%	1,75%	19,80%
1-tert-BUTOXY-2-[2-(HYDROXY)PROPOXY]PROPANE	689,9	23	0,9350	0,2592	0,5710	0,8125	2,5859	-17,6761	0,58%	1,22%		2,72%	24,89%
1-tert-BUTOXY-2-[2-(tert-BUTOXY)PROPOXY]PROPANE	729,4	15,27	0,6360		0,6170	0,8213	1,8461		0,63%	1,74%			
1-TETRACOSENE	810,4	10,37	1,0139		0,5235	0,8139	2,9640		0,65%	1,66%			
1-TETRADECENE	691	16,27	0,6503	0,2429	0,4827	0,8016	2,1964	31,8749	0,59%	1,73%	0,24%	1,70%	21,81%
1-TRIACONTENE	857	8,47	1,1817		0,6820	0,8365	2,7810		0,57%				
1-TRIDECANOL	732,4	18,1	0,6881	0,2427	0,1773	0,7939	3,7845	29,6263	3,05%		5,28%	1,28%	16,81%
1-TRIDECENE	674,8	17,49	0,6074	0,2460	0,4309	0,8071	2,2863	24,1918	0,41%	2,16%	0,55%	1,68%	21,00%
1-UNDECANOL	703,9	21,19	0,6236	0,2486	0,3505	0,7194	2,2106	16,6819	4,28%		6,73%	1,32%	16,41%
1-UNDECENE	637,8	20,44	0,5225	0,2523	0,3936	0,8155	2,2277	11,6622	0,32%	2,64%	3,08%	1,64%	19,61%
2-(2-HEXYOXYETHOXY)ETHANOL	684	24,1	1,1110	0,2669	1,8541	1,0000	0,9732	-31,1801	4,57%		5,91%	4,70%	19,90%
2-(2-PENTOXYETHOXY)ETHANOL	705,3	25,03	0,7047	0,2563	0,2400	0,6927	2,5998	-1,2956	0,52%			2,22%	20,25%
2-(DIFLUOROMETHOXY)-1,1,1-TRIFLUOROETHANE	444,03	34,2	0,3887	0,2635	1,2047	1,0000	0,7551	-1,2321	0,49%	0,93%		1,35%	15,25%
2-(N-MORPHOLINO)-2'-HYDROXYDIETHYLETHER	728,4	28,93	0,7521		0,5286	0,8241	2,3806		0,62%	1,39%			

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
2,2',2"-NITRILOTRIS-ACETONITRILE	823	26,4	0,9240		0,4716	0,8087	2,9464		0,53%	1,44%			
2,2,3,3-TETRAMETHYLBUTANE	568	28,7	0,2450	0,2739	0,2444	0,8337	1,9789	-9,1561	0,52%	2,37%	0,05%	1,42%	11,71%
2,2,3,3-TETRAMETHYLHEXANE	623	25,1	0,3659	0,2693	0,2633	0,8514	2,5277	-10,0308	1,26%	2,23%	1,26%	1,47%	15,69%
2,2,3,3-TETRAMETHYLPENTANE	607,5	27,41	0,3051	0,2702	0,2049	0,8476	2,5879	-8,4311	0,96%	2,16%	0,15%	1,00%	20,27%
2,2,3,4-TETRAMETHYLPENTANE	592,6	26	0,3138	0,2680	0,3948	0,8223	1,6372	-5,8685	1,00%	2,21%	4,14%	1,58%	20,08%
2,2,3-TRIMETHYLBUTANE	531,1	29,5	0,2501	0,2704	0,1767	0,8497	2,5146	-5,3936	0,27%	1,12%	0,35%	1,45%	16,97%
2,2,3-TRIMETHYLPENTANE	563,5	27,3	0,2971	0,2638	0,2606	0,8242	2,0622	-1,4252	0,37%	1,32%	1,38%	1,91%	21,33%
2,2,4,4,6,8,8-HEPTAMETHYLNONANE	692	15,7	0,5482	0,2487	0,3566	0,8224	2,4990	17,7009	0,45%	3,02%	6,16%	1,82%	28,49%
2,2,4,4-TETRAMETHYL-1,3-CYCLOBUTANEDIOL	699,5	31,72	0,5711	0,2487	0,3107	0,7368	2,2701	11,6157	0,60%	2,09%		1,25%	21,06%
2,2,4,4-TETRAMETHYLPENTANE	574,6	24,9	0,3136	0,2692	0,3498	0,8368	1,8418	-7,5300	0,92%	1,76%	0,70%	1,20%	18,52%
2,2,4-TRIMETHYL-1,3-PENTANEDIOL	697,9	27,04	0,5958	0,2331	0,1019	0,6777	2,7097	31,4458	0,42%			3,94%	24,89%
2,2,4-TRIMETHYLPENTANE	543,8	25,7	0,3035	0,2671	0,2817	0,8367	2,0767	-4,0128	0,46%	1,01%	3,65%	1,32%	16,41%
2,2,5,5-TETRAMETHYLHEXANE	581,4	21,9	0,3767	0,2653	1,0410	0,8559	0,8407	-3,8714	0,51%	0,42%	0,37%	1,05%	16,85%
2,2,5-TRIMETHYLHEXANE	569,8	23,3	0,3446	0,2632	1,5570	0,9992	0,5244	0,4517	0,84%	1,89%	0,87%	1,48%	20,34%
2,2-DICHLORO-1,1,1-TRIFLUOROETHANE	456,94	36,76	0,2825	0,2675	0,3364	0,8155	1,6897	-1,6548	0,46%	1,14%	4,08%	1,18%	14,88%
2,2-DICHLORO-1,1,2-TRIFLUOROETHANE	462	36,1	0,2622		0,8850	0,8786	0,8100		0,55%	2,15%	4,12%		
2,2-DIMETHYL-1-PROPANOL	552,7	40,78	0,5950		0,1755	0,7513	2,9767		0,48%	1,44%			
2,2-DIMETHYL-3-ETHYLPENTANE	590	25,7	0,3353	0,2690	1,1634	1,0000	0,7204	-7,1337	0,59%	0,96%		1,59%	16,22%
2,2-DIMETHYLBUTANE	489	31	0,2341	0,2731	0,2274	0,8329	2,0024	-6,2766	0,90%	1,99%	1,11%	1,19%	14,37%
2,2-DIMETHYLHEPTANE	576,7	23,5	0,3911	0,2624	0,4739	0,8281	1,6508	-1,0686	1,84%	2,23%	2,46%	1,74%	21,06%
2,2-DIMETHYLHEXANE	549,8	25,3	0,3378	0,2637	0,3112	0,8147	1,9547	-0,6027	0,27%	1,08%	0,71%	1,45%	16,32%
2,2-DIMETHYLOCTANE	602	21,6	0,4288	0,2574	0,4076	0,8042	1,8665	4,7361	0,43%	1,67%	0,99%	1,34%	23,27%
2,2-DIMETHYLPENTANE	520,5	27,7	0,2871	0,2660	0,3147	0,8203	1,7937	-1,8211	0,53%	1,16%	1,48%	1,38%	15,89%
2,2'-IMINOBIS-ACETONITRILE	731	35,4	0,7192		0,3774	0,8100	2,8444		0,59%	1,46%			
2,3,3,3-TETRAFLUOROPROPENE	367,85	33,82	0,2820	0,2645	1,0265	1,0000	0,7569	0,4639	0,58%	1,48%		1,30%	16,32%
2,3,3,4-TETRAMETHYLPENTANE	607,5	27,2	0,3144	0,2700	0,3541	0,8278	1,7843	-7,8307	0,23%	2,21%	0,84%	1,57%	17,38%
2,3,3-TRIMETHYL-1-BUTENE	531	31,4	0,2388	0,2771	0,1021	0,8351	2,8070	-9,8520	1,31%	4,26%	2,72%	1,38%	16,03%
2,3,3-TRIMETHYLPENTANE	573,5	28,2	0,2903	0,2678	0,1805	0,8447	2,6366	-4,5706	0,26%	1,70%	0,12%	1,29%	15,24%
2,3,4,5,2',3',4',5'-OCTAHYDRO-BIFURYL-(3,3')	738	37	0,3715		0,5336	0,8400	1,4995		0,94%	2,35%			
2,3,4-TRIMETHYLPENTANE	566,4	27,3	0,3153	0,2650	0,2739	0,8303	2,1110	-2,2772	0,35%	1,16%	0,82%	1,36%	15,77%
2,3,5-TRIMETHYLTHIOPHENE	656,8	36,3	0,3238	0,2645	1,0758	1,0000	0,7724	-0,5951	0,46%	1,47%		1,35%	16,34%
2,3-DICHLOROBUTANE	599	37,4	0,2682	0,2651	1,0986	1,0000	0,6780	2,0937	0,65%	0,29%		1,69%	18,73%
2,3-DICHLOROPROPENE	578	43,8	0,1945	0,2631	0,4622	0,8218	1,1962	5,5246	2,87%		0,17%	1,88%	19,77%
2,3-DIHYDROFURAN	524	55	0,2255	0,2675	1,0167	1,0000	0,6822	-0,8361	0,57%	1,22%		1,68%	19,19%
2,3-DIMETHYL-1,3-BUTADIENE	526	35,2	0,2142	0,2612	1,2188	1,0000	0,5472	5,0840	1,41%	1,18%	0,40%	2,16%	19,63%
2,3-DIMETHYL-1-BUTENE	501	33,2	0,2333	0,2727	0,7848	0,9067	0,8794	-5,1746	1,06%	1,85%	0,15%	1,73%	16,68%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
2,3-DIMETHYL-1-HEXENE	561	27,6	0,3249	0,2668	0,3161	0,7731	1,7215	-3,5385	0,41%	3,01%	2,40%	1,36%	17,54%
2,3-DIMETHYL-2,3-DIPHENYLBUTANE	805	19,9	0,5208		0,2485	0,8248	3,0074		0,32%	1,34%			
2,3-DIMETHYL-2-BUTENE	528	33,2	0,2237	0,2590	1,3350	1,0000	0,5078	6,8361	1,89%	1,39%	2,45%	2,49%	19,29%
2,3-DIMETHYLBENZOTHIOPHENE	786	34,64	0,4205	0,2559	1,3021	1,0000	0,7259	7,2026	0,63%	1,47%		1,34%	25,56%
2,3-DIMETHYLBUTANE	500	31,5	0,2493	0,2701	0,1901	0,8436	2,3605	-4,2239	0,38%	1,37%	0,97%	1,30%	13,55%
2,3-DIMETHYLDECANE	653,5	18,8	0,5159	0,2506	1,2202	0,9557	0,8864	16,6493	0,67%	1,27%		1,95%	20,41%
2,3-DIMETHYLDODECANE	689,7	16,56	0,6016	0,2464	0,8176	0,8506	1,4260	24,8099	0,66%	1,44%		1,99%	21,88%
2,3-DIMETHYLHEPTANE	588,8	23,9	0,3914	0,2604	0,3780	0,8214	1,9207	2,2761	1,95%	2,79%	1,50%	1,79%	17,71%
2,3-DIMETHYLHEXANE	563,5	26,3	0,3455	0,2617	0,2285	0,8287	2,4463	0,6507	0,25%	0,87%	0,50%	1,38%	16,87%
2,3-DIMETHYLNONANE	633,9	20,16	0,4703	0,2530	1,2811	1,0000	0,7921	12,8825	0,68%	1,20%		2,08%	19,63%
2,3-DIMETHYLOCTANE	613,1	21,73	0,4245	0,2553	0,6790	0,8417	1,3286	9,4731	0,82%	2,09%		1,81%	18,81%
2,3-DIMETHYLPENTANE	537,3	29,1	0,2964	0,2634	0,2151	0,8367	2,3741	-0,7082	0,37%	1,65%	0,92%	1,79%	20,26%
2,3-DIMETHYLTHIOPHENE	637	40,5	0,2709	0,2582	1,1033	1,0000	0,6828	5,4278	0,64%	1,73%		2,58%	13,96%
2,3-DIMETHYLUNDECANE	671,4	17,61	0,5590	0,2482	0,8376	0,8624	1,3367	21,0037	0,66%	1,42%		1,97%	21,15%
2,3-PENTADIENE	497	38	0,2184	0,2578	1,3441	1,0000	0,4973	7,3873	1,79%	0,96%	1,53%	2,00%	10,81%
2,3-XYLENOL	722,95	49	0,5157	0,2930	0,3429	0,8459	2,6168	-30,5656	1,07%	1,29%	2,44%	1,80%	13,24%
2,4,4-TRIMETHYL-1-PENTENE	550	26,8	0,3011	0,2656	0,2563	0,8298	2,1277	-1,7339	1,73%	1,87%	1,52%	1,29%	20,70%
2,4,4-TRIMETHYL-2-PENTENE	555	26,8	0,2971	0,2632	1,4105	1,0000	0,5435	1,5770	0,73%	1,28%	1,02%	1,46%	21,04%
2,4,4-TRIMETHYLHEXANE	581	24,6	0,3522	0,2659	0,5061	0,8407	1,5041	-4,1540	1,41%	1,89%	2,42%	1,70%	18,94%
2,4,6-TRIMETHYLPYRIDINE	653	33,3	0,3749	0,2499	1,3026	0,9997	0,6726	12,3214	0,58%	0,79%		2,77%	17,24%
2,4-DIAMINOTOLUENE	804	43,8	0,5794	0,2466	1,3203	1,0000	0,8777	11,3328	0,54%	0,59%		1,14%	21,76%
2,4-DICHLOROBENZOTRIFLUORIDE	646	28,1	0,4344		1,2187	0,9883	0,7971		0,58%	1,06%			
2,4-DICHLOROTOLUENE	705	35,9	0,3590	0,2547	1,1837	1,0000	0,7340	9,5202	0,55%	0,35%		1,33%	21,88%
2,4-DIMETHYL-1,3-DIOXOLANE-2-METHANOL	621,3	35,4	0,5507		0,5963	0,8204	1,7165		0,49%	1,68%			
2,4-DIMETHYL-3-ETHYLPENTANE	591	25,3	0,3530	0,2659	0,6810	0,8674	1,2133	-3,8184	0,94%	1,37%		1,86%	17,36%
2,4-DIMETHYLHEXANE	553,5	25,6	0,3436	0,2657	0,2681	0,8207	2,1839	-3,0125	0,32%	0,82%	0,37%	1,73%	17,72%
2,4-DIMETHYLOCTANE	600	21,7	0,4345	0,2636	1,2942	0,9763	0,7434	-1,9636	0,62%	1,26%	0,68%	2,55%	23,24%
2,4-DIMETHYLPENTANE	519,8	27,4	0,3022	0,2642	0,3283	0,8194	1,7978	-0,9728	0,31%	1,09%	0,59%	1,54%	16,23%
2,4-DINITROPHENOL	766,9	38,88	0,8160	0,2444	0,4371	0,8092	2,8302	8,1085	0,61%	1,77%		1,22%	25,90%
2,4-DIPHENYL-4-METHYLPICTENE-1	835	20	0,5467	0,2417	0,2706	0,8260	2,9829	38,3141	0,41%	1,09%		1,38%	22,62%
2,4-TOLUENE DIISOCYANATE	725	30,4	0,6582	0,2476	0,6146	0,8836	2,0851	12,9572	1,29%			2,48%	13,63%
2,4-XYLENOL	707,65	44	0,5136	0,2682	0,3002	0,8366	2,7778	-10,3363	1,01%	2,19%	2,87%	1,03%	8,05%
2,5-DIHYDROFURAN	542	55	0,2197	0,2607	1,1981	1,0000	0,5624	3,2085	1,71%	2,79%	0,48%	2,40%	20,71%
2,5-DIMETHYL-1,5-HEXADIENE	567	27,4	0,3238	0,2588	0,5534	0,8026	1,2720	6,4382	0,42%	1,60%	0,22%	1,33%	17,41%
2,5-DIMETHYL-2,4-HEXADIENE	597	27,4	0,3218	0,2444	1,3538	1,0000	0,6083	21,5144	2,17%	3,13%	0,53%	3,50%	25,97%
2,5-DIMETHYLHEXANE	550	24,9	0,3576	0,2615	0,2415	0,8285	2,4260	1,2119	0,44%	0,93%	0,51%	1,27%	16,87%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
2,5-DIMETHYLOCTANE	603	21,7	0,4403	0,2581	0,9469	0,8810	1,0203	4,1379	1,71%	1,81%	1,33%	1,67%	22,80%
2,5-DIMETHYLTHIOPHENE	629,9	44,62	0,3085		0,2733	0,8647	2,3296		0,39%				
2,5-XYLENOL	707,05	49	0,5638	0,2877	0,5268	0,8794	2,1367	-27,3815	0,45%	1,30%		1,40%	13,19%
2,6,8-TRIMETHYL-4-NONANONE	658	19,7	0,6490	0,2531	0,7449	0,8387	1,6241	2,5831	0,70%	1,61%		2,15%	25,16%
2,6-DIETHYLNAPHTHALENE	807	25,8	0,5118		0,6836	0,8221	1,4547		0,37%	2,34%	0,85%		
2,6-DIMETHYL-4-HEPTANOL	603	25,5	0,8022	0,2684	0,7279	0,8580	1,9750	-21,4162	1,01%	2,40%		3,78%	16,32%
2,6-DIMETHYLHEPTANE	579	23	0,3927	0,2582	0,6861	0,8162	1,2219	4,6810	0,71%	0,27%	1,34%	1,51%	22,83%
2,6-DIMETHYLNAPHTHALENE	777	31,7	0,4177	0,2612	0,9279	0,9105	1,0222	3,6570	0,34%	0,95%	0,47%	2,31%	19,77%
2,6-DIMETHYLOCTANE	606	21,7	0,4386	0,2616	0,8221	0,8489	1,1466	0,4775	0,36%	1,49%	0,97%	1,95%	24,05%
2,6-DIMETHYL PYRIDINE	623,75	37,5	0,3453	0,2562	0,4767	0,8137	1,5002	6,0990	1,11%	0,42%	0,75%	1,92%	12,34%
2,6-DINITROPHENOL	770,1	39,05	0,8220		0,6389	0,7830	2,0572		0,53%	1,76%			
2,6-NAPHTHALENEDICARBOXYLIC ACID	904	30,5	1,1601		0,5613	0,8182	3,1511		0,62%	0,93%			
2,6-TOLUENE DIISOCYANATE	749	29	0,4338	0,2366	2,0556	1,0000	0,4446	37,7440	1,25%	1,55%		1,96%	18,55%
2,6-XYLENOL	701,05	43	0,4554	0,2880	0,3068	0,8470	2,5988	-27,2774	1,17%	2,05%	2,20%	1,65%	13,84%
2,7-DIMETHYLBENZOTHIOPHENE	772,4	34,64	0,4220		0,5530	0,8377	1,5670		0,58%	1,81%			
2,7-DIMETHYLNAPHTHALENE	775	32,3	0,4477	0,2674	0,6905	0,8586	1,3665	-3,4372	0,49%	1,90%	0,56%	3,16%	2,78%
2,7-DIMETHYLOCTANE	604	21,3	0,4420	0,2559	0,3935	0,8145	1,9922	6,8782	0,70%	0,52%	1,64%	1,36%	24,85%
2-ACETOACETOXY ETHYL METHACRYLATE	724,2	22,57	0,8156	0,2399	1,1266	0,9380	1,3367	20,3462	0,23%			2,25%	28,78%
2-AMINO-2-METHYL-1-PROPANOL	619,8	38,621	0,6466	0,2362	1,4205	0,8503	0,8794	18,0865	0,55%	1,79%		1,39%	24,47%
2-AMINOETHOXYETHANOL	735	59	0,5598	0,2927	0,4234	0,7692	2,0275	-23,1145	1,79%	1,27%	7,29%	4,10%	0,68%
2-BROMOBUTANE	567	46,3	0,2684	0,2868	1,2100	1,0000	0,6087	-16,4396	0,54%	1,66%	0,62%	1,20%	2,95%
2-BROMOPROPANE	532	55,1	0,2432	0,3291	0,2040	0,8625	2,3610	-31,9680	2,49%	2,67%	4,45%	9,01%	4,79%
2-BUTANOL	535,9	41,885	0,5808	0,2522	2,3032	1,0000	0,4725	3,0205	1,32%	1,92%		1,59%	20,00%
2-BUTOXIME	608,5	42,04	0,6071	0,2426	1,2094	0,8806	0,9878	10,0950	0,74%	1,80%	1,84%	1,79%	18,76%
2-BUTOXYETHANOL	633,9	32,7	0,5143	0,2535	0,2091	0,8151	3,1380	5,3933	1,08%	2,43%	3,05%	1,47%	15,70%
2-BUTYL-1-DECANOL	707,6	17,13	1,1142		0,5220	0,8153	3,2152		0,55%	1,60%			
2-BUTYL-2-ETHYL-1,3-PROPANEDIOL	732	25,97	0,6907	0,2429	0,7518	0,7251	1,5286	19,8659	1,57%			1,29%	23,12%
2-BUTYLBENZOTHIOPHENE	818,7	28,41	0,5280		0,2955	0,8126	2,6651		0,57%	1,72%			
2-BUTYL-NONAN-1-OL	681,5	18,26	1,0762	0,2508	0,5312	0,8136	3,0728	-5,4199	0,61%	1,50%		3,65%	23,31%
2-BUTYL-OCTAN-1-OL	667,3	19,41	0,9889		0,6623	0,8350	2,4719		0,52%				
2-CHLORO-1,1,1,2-TETRAFLUOROETHANE	395,65	36,6	0,2877	0,2697	0,2133	0,8457	2,4322	-3,0896	0,58%	1,72%	3,90%	1,95%	14,59%
2-CHLORO-1,1,1-TRIFLUOROETHANE	430	38,4	0,2465	0,2551	0,1882	0,8552	2,4679	7,2401	0,51%	1,93%		1,81%	17,21%
2-CHLORO-1,1-DIFLUOROETHYLENE	400,55	44,583	0,2116	0,2657	0,3964	0,8605	1,4672	0,7633	2,91%	2,44%	0,11%	1,30%	16,17%
2-CHLOROETHANOL	585	59,2	0,6578	0,2393	0,6243	0,8863	2,0535	5,9787	1,41%			2,41%	16,31%
2-CHLOROPROPENE	478	47,1	0,1515	0,2792	0,9654	1,0000	0,6085	-3,9326	0,66%	1,34%	1,64%	2,76%	12,53%
2-CYCLOHEXENE-1-ONE	684,2	45,35	0,3063		1,0875	1,0000	0,7413		0,64%	1,69%			

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
2-CYCLOHEXENYL CYCLOHEXANONE	792,8	29,33	0,4284	0,2586	1,0192	0,8973	0,9423	3,9791	0,49%	1,70%		1,39%	18,22%
2-ETHOXYETHYL ACETATE	607,3	31,66	0,5522	0,2641	0,3319	0,8379	2,7547	-4,8343	1,67%	2,44%		2,95%	9,29%
2-ETHYL BUTYRIC ACID	655	34,1	0,6326	0,2548	0,8190	0,8436	1,4667	2,5163	0,64%	0,73%		2,30%	25,56%
2-ETHYL HEXANOIC ACID	674,6	27,78	0,8013	0,2482	0,8616	0,8180	1,6291	4,2147	0,92%	1,73%		2,72%	16,75%
2-ETHYL-1-BUTANOL	591,2	35,35	0,6330	0,2634	0,1606	0,7312	2,9906	-6,3070	0,48%			1,73%	18,51%
2-ETHYL-1-BUTENE	511	33	0,2523	0,2677	0,8675	0,8887	0,8182	-1,0367	1,30%	1,71%	1,15%	1,46%	15,69%
2-ETHYL-1-HEXANOL	640,4	27,56	0,5498	0,2548	0,1410	0,6904	2,5299	5,3763	0,78%			1,61%	19,62%
2-ETHYL-1-HEXENE	569	26,7	0,3577	0,2603	1,0430	1,0000	0,8473	3,2454	0,93%	0,82%		1,40%	19,52%
2-ETHYL-1-PENTENE	543	29,5	0,3073	0,2644	0,3299	0,8779	2,1543	-0,3730	1,92%	4,94%	1,09%	1,63%	18,30%
2-ETHYL-2-HEXENAL	636	26,4	0,4535	0,2300	0,2330	0,8308	2,8882	40,7220	0,44%	2,50%	2,03%	2,29%	24,73%
2-ETHYLBENZOTHIOPHENE	774	35,26	0,4283	0,2626	0,6367	0,8294	1,3934	-1,9560	0,59%	1,60%	0,32%	1,41%	21,34%
2-ETHYLHEXANAL	619,2	26,79	0,4539	0,2596	1,3001	1,0000	0,7621	3,5982	0,64%	1,19%		3,12%	21,56%
2-ETHYLHEXYL ACRYLATE	655	20,7	0,6730	0,2527	0,9075	0,9447	1,4884	4,3047	0,61%			3,33%	21,15%
2-ETHYLHEXYL BENZOATE	755,6	18,68	0,6858	0,2451	0,7974	0,8432	1,5935	22,8926	0,62%	1,45%		2,84%	22,69%
2-ETHYL-m-XYLENE	671	30,2	0,4066	0,2598	0,2567	0,8351	2,5940	3,0609	0,34%	0,76%	1,89%	1,39%	17,18%
2-ETHYLNAPHTHALENE	771	31,7	0,4213	0,2520	0,2832	0,8471	2,5964	10,9827	1,40%	1,97%	2,84%	1,34%	17,43%
2-ETHYL-p-XYLENE	663	28,8	0,4114	0,2554	0,5921	0,8108	1,4006	8,7178	0,35%	3,39%	0,69%	1,47%	20,26%
2-ETHYL-TETRAHYDROTHIOPHENE	657,8	38,1	0,2515	0,2643	1,5560	1,0000	0,4515	2,1529	0,80%	2,20%		1,45%	15,86%
2-ETHYLTHIOPHENE	626,6	44,09	0,2931		1,0427	1,0000	0,7577		0,46%	1,20%			
2-FORMYL BENZOIC ACID	772	38,3	0,8188	0,2222	1,2323	0,9788	1,2204	33,4799	0,48%	0,29%		1,29%	29,49%
2-HEPTANOL	608,3	30	0,5677	0,2556	0,9444	0,1740	0,9932	2,7887	0,66%			1,52%	15,31%
2-HEPTANONE	611,4	29,4	0,4190	0,2550	0,3613	0,8181	2,0554	8,1904	0,98%	1,80%	0,22%	1,32%	20,58%
2-HEXANOL	585,3	33,11	0,5530	0,2554	1,5659	0,6023	0,7630	2,3682	3,80%	4,52%		1,40%	16,74%
2-HEXANONE	587,61	32,87	0,3846	0,2544	0,3537	0,8213	1,9841	7,7805	0,50%	2,01%	0,39%	1,26%	18,82%
2-HEXYNE	549	35,3	0,2214	0,2628	2,0437	1,0000	0,3150	5,9078	0,39%	0,73%		1,33%	18,31%
2-HYDROXYPROPYL METHACRYLATE	663	31,4	0,7544	0,2541	1,0308	0,8740	1,3530	-0,2367	1,01%	0,63%	2,62%	3,23%	21,05%
2-MERCAPTOBENZOTHIAZOLE	749	40	0,3321		0,1606	0,8327	2,8517		0,40%	1,89%			
2-METHOXY PROPANOL-1	588,4	39,4	0,4727	0,2453	0,6442	0,8646	1,5315	12,2995	0,61%	1,74%		1,35%	21,11%
2-METHOXYETHANOL	597,6	52,85	0,4543	0,2512	0,4467	0,8464	1,9850	4,5282	0,71%	2,05%		1,61%	8,17%
2-METHYL BENZOTHIOPHENE	768,7	35	0,3302	0,2465	0,2539	0,8184	2,1848	21,7611	1,25%	2,96%	1,28%	2,04%	19,91%
2-METHYL OCTANAL	638,3	25	0,5483		1,0050	0,8748	1,1117		0,52%	1,40%			
2-METHYL THIAINDAN	788,6	37,09	0,3023	0,2571	1,0828	1,0000	0,7395	9,2507	0,50%	1,33%		1,39%	17,40%
2-METHYL-1,3-PROPANEDIOL	697	53,5	0,7144	0,2663	0,8339	0,8450	1,5724	-7,0012	0,32%	0,57%	3,07%	5,60%	16,43%
2-METHYL-1-BUTANOL	575,4	39,4	0,5877	0,2547	1,9933	1,0000	0,5599	-0,4641	1,61%	1,66%		1,79%	13,59%
2-METHYL-1-BUTENE	465	34,47	0,2341	0,2617	1,1440	1,0000	0,6072	3,7100	0,77%	0,97%	0,24%	1,74%	16,81%
2-METHYL-1-BUTENE-3-YNE	492	43,8	0,1370	0,2752	0,2349	0,8182	1,5072	-2,8682	0,67%	0,83%	1,20%	1,20%	16,92%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
2-METHYL-1-HEPTANOL	608,5	28,57	0,7623	0,2708	0,5854	0,8178	2,1900	-21,4100	0,64%	1,18%		3,14%	17,87%
2-METHYL-1-HEPTENE	567	26	0,3551	0,2584	0,8454	0,9090	1,0183	5,9295	0,43%	1,51%	2,11%	1,43%	21,73%
2-METHYL-1-HEXANOL	595	30,3	0,7733	0,2561	0,6266	0,8117	2,0723	-4,9766	0,46%	0,98%	9,63%	1,86%	17,33%
2-METHYL-1-HEXENE	538	28,7	0,3094	0,2612	0,3809	0,7995	1,5891	3,3967	0,32%	1,53%	0,16%	1,36%	19,53%
2-METHYL-1-NONENE	616	21,9	0,4527	0,2533	0,6949	0,8357	1,3491	11,4189	0,67%	1,17%	0,26%	1,63%	27,94%
2-METHYL-1-OCTENE	593	23,8	0,4051	0,2528	0,5174	0,8364	1,6047	11,1108	0,53%	1,56%	0,12%	1,44%	23,17%
2-METHYL-1-PENTANOL	604,4	34,5	0,5100	0,2544	0,1287	0,6591	2,2737	3,5847	0,29%			2,03%	16,89%
2-METHYL-1-PENTENE	505	31,9	0,2611	0,2641	0,3288	0,8092	1,6249	1,3637	0,38%	0,76%	0,17%	1,46%	17,56%
2-METHYL-1-PROPANOL	547,8	42,95	0,5857	0,2492	1,9959	1,0000	0,5560	3,4336	3,13%	1,96%	9,16%	2,35%	17,72%
2-METHYL-1-TRIDECANOL	707,7	17,13	1,1154		0,5236	0,8155	3,2122		0,73%	1,59%			
2-METHYL-1-UNDECANOL	665,9	19,56	1,0345		0,5248	0,8139	3,0065		0,65%	1,45%			
2-METHYL-2-AMINOBUTANE	526	36,6	0,3202	0,2819	1,1420	1,0000	0,7179	-12,4634	0,60%	1,23%		3,15%	3,48%
2-METHYL-2-BUTANOL	543,7	37,1	0,4820	0,2592	4,7996	1,0000	0,1947	0,2939	3,16%	2,23%	6,57%	1,68%	15,51%
2-METHYL-2-BUTENE	470	34,2	0,2870	0,2538	0,3521	0,8413	1,7450	7,1782	1,51%	2,00%	0,99%	3,12%	17,83%
2-METHYL-2-PENTENAL	605	32,6	0,3494	0,2395	0,2298	0,8086	2,3025	24,4797	0,39%	2,42%	0,74%	2,75%	26,72%
2-METHYL-2-PENTENE	514	31,6	0,2445	0,2608	1,2262	1,0000	0,5820	5,3472	1,90%	1,54%	2,83%	1,54%	13,05%
2-METHYL-2-PROPANOL	506,2	39,72	0,6152	0,2557	3,1560	0,8906	0,3719	1,1488	1,43%	3,11%	4,62%	1,28%	18,03%
2-METHYL-3-ETHYLPENTANE	567,1	27	0,3297	0,2603	1,2649	0,9999	0,6450	1,8062	1,04%	1,45%	0,95%	2,15%	21,05%
2-METHYLBENZOFURAN	697	36,4	0,3752	0,2541	0,2495	0,8465	2,6061	8,9581	0,90%	1,88%		1,13%	18,05%
2-METHYLBUTYRALDEHYDE	543,2	38,29	0,3779	0,2634	0,2113	0,8374	2,7636	-0,8780	1,10%	4,10%	1,00%	1,14%	16,87%
2-METHYLBUTYRIC ACID	643	38,9	0,5894	0,2524	0,9629	0,8828	1,2226	4,5224	0,63%	0,69%		2,27%	20,45%
2-METHYLDECANE	631,8	19,82	0,5230	0,2530	1,2549	0,9743	0,8691	10,6816	0,37%	0,97%		1,57%	20,01%
2-METHYL-DODECAN-1-OL	682,5	18,26	1,0722	0,2500	0,5314	0,8127	3,0568	-3,6954	0,50%	1,60%		3,59%	23,58%
2-METHYLDODECANE	668	17,17	0,6188	0,2474	0,5841	0,8337	1,9302	19,8091	0,61%	1,57%		1,76%	21,82%
2-METHYLHEPTANAL	605,7	26,82	0,4869	0,2567	1,7744	1,0000	0,5626	4,1537	0,76%	1,32%		1,21%	18,89%
2-METHYLHEPTANE	559,7	25	0,3795	0,2585	0,4396	0,8205	1,6945	4,0482	0,39%	0,76%	1,77%	1,41%	16,43%
2-METHYLHEXANAL	592	28,5	0,4609	0,2539	0,4127	0,7966	1,9095	7,6025	0,38%	1,79%	0,53%	1,25%	19,20%
2-METHYLHEXANE	530,4	27,4	0,3280	0,2626	0,3983	0,8127	1,6391	0,7144	0,58%	2,53%	0,94%	1,40%	17,35%
2-METHYLHEXANOIC ACID	666	31,1	0,6957		0,9648	0,8672	1,3594		0,62%	1,88%			
2-METHYLINDENE	711	34,6	0,3508	0,2538	0,3886	0,8043	1,7029	11,2220	0,28%	0,99%	0,51%	1,36%	17,89%
2-METHYLNAPHTHALENE	761	35	0,3781	0,2551	0,2741	0,8525	2,5103	8,5386	4,06%	1,04%	0,93%	1,15%	17,67%
2-METHYLNONANE	610	21,2	0,4723	0,2547	0,4172	0,8095	1,9776	8,3349	0,86%	2,04%	1,03%	1,71%	24,71%
2-METHYLOCTANE	582,87	23,1	0,4602	0,2587	0,5764	0,8330	1,5877	1,9492	0,44%	1,64%	2,82%	1,62%	18,85%
2-METHYLOCTANOIC ACID	694	25,4	0,7913	0,2514	0,6340	0,8200	2,1155	2,3011	0,63%	1,61%		2,90%	21,68%
2-METHYL PENTANE	497,7	30,4	0,2791	0,2685	0,3496	0,8209	1,6593	-3,0975	0,50%	1,80%	0,90%	1,58%	14,55%
2-METHYLPROPANAL	507	41	0,3622	0,2570	0,2863	0,8240	2,2010	4,1302	0,65%	1,66%		1,15%	18,60%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
2-METHYLPYRIDINE	621	46	0,2990	0,2676	0,4600	0,8139	1,4063	-1,1458	0,90%	1,42%	0,65%	1,27%	3,34%
2-METHYLtetrahydrofuran	537	37,576	0,2816	0,2481	1,0306	1,0000	0,7529	12,0199	0,62%	1,61%		3,40%	32,29%
2-Methylthiacyclopentane	628,4	41,83	0,2489	0,2622	1,0973	1,0000	0,6596	3,5980	0,74%	2,00%		1,47%	15,96%
2-Methylthiophene	609	49,1	0,2389	0,2780	0,3166	0,8135	1,5960	-7,2943	1,02%	1,99%	0,79%	1,74%	17,93%
2-Methyltridecane	684,1	16,04	0,6649	0,2445	0,5742	0,8325	2,0586	26,1059	0,51%	1,57%		1,94%	22,72%
2-methylundecane	650,7	18,42	0,5718	0,2502	0,7584	0,8452	1,4704	14,9021	0,63%	1,46%		1,74%	20,81%
2-nitropropane	594	44,5	0,3836	0,2525	0,3013	0,8594	2,4048	7,6150	4,52%	4,63%	7,75%	1,40%	15,82%
2-nonanol	649,5	25,408	0,6092	0,2613	0,2314	0,7364	2,6585	-3,5733	0,71%			2,29%	13,85%
2-nonanone	652,5	24,1	0,4979	0,2491	0,5871	0,7990	1,5721	16,2599	1,57%	1,83%	0,87%	1,24%	20,67%
2-norbornene	583	39,3	0,1590		0,2746	0,8231	1,4955		0,68%	2,55%	0,06%		
2-n-propylthiophene	649,2	38,97	0,3407		0,9352	0,9560	0,9179		0,60%	1,15%			
2-octanol	629,8	27,49	0,5881	0,2523	0,1832	0,6765	2,4025	4,6120	0,12%			1,79%	13,46%
2-octanone	632,7	26,4	0,4549	0,2528	1,3003	0,9712	0,7599	11,8530	0,58%	1,34%	1,91%	1,33%	20,86%
2-oxazolidone	930,5	54,88	0,3944		1,1444	0,9897	0,8072		0,63%	2,67%			
2-pentanethiol	584,3	35,36	0,2685	0,2709	1,1835	1,0000	0,6307	-3,9347	0,70%	1,27%		1,78%	10,72%
2-pentanol	561	37	0,5550	0,2526	0,0000	0,2567	1,3025	3,8782	1,25%			2,43%	17,68%
2-pentanone	561,08	36,94	0,3433	0,2546	0,4364	0,8056	1,5599	7,4410	0,25%	4,12%	1,00%	1,42%	26,50%
2-pentoxyethanol	641,2	30,36	0,6228	0,2606	0,2985	0,8061	2,9091	-5,1742	0,44%	3,22%	4,32%	2,44%	18,99%
2-pentyne	519	40,3	0,1752	0,2631	1,1337	1,0000	0,5483	5,2022	1,58%	4,33%	0,53%	1,34%	17,37%
2-phenyl-2-propanol	660	34,9	0,6924	0,2641	0,6650	0,8894	2,0172	-11,0999	0,93%	1,70%		1,58%	12,37%
2-phenylbutene-1	666	30,1	0,3536	0,2562	1,2818	1,0000	0,6659	8,9603	0,68%	0,91%		1,36%	22,59%
2-phenylethanol	684	39,2	0,7429	0,2509	0,7213	0,8945	1,9606	-0,6425	4,29%	4,94%		1,42%	15,40%
2-propylbenzothiophene	807,5	31,56	0,4782		0,4455	0,8086	1,9069		0,57%	1,50%			
2-pyrrolidone	802	61,7	0,4324	0,2478	0,4158	0,8048	1,8518	10,6184	1,47%	4,27%	12,44%	1,40%	21,82%
3-(methylmercapto)propanal	650	40,2	0,4168	0,2418	1,2519	1,0000	0,7530	16,9534	0,43%	1,31%	2,68%	2,31%	26,21%
3-(n,n-dimethylamino)propylamine	593,3	35,86	0,4544	0,2679	0,6663	0,8747	1,4633	-7,4648	0,48%	1,30%		2,03%	16,62%
3,3,3-trifluoropropene	378,59	36,09	0,2653		0,5203	0,9457	1,4801		0,82%				
3,3,5-trimethylheptane	609,5	23,2	0,3847	0,2643	0,3710	0,8097	1,8658	-3,0052	1,47%	1,64%	1,81%	1,79%	16,89%
3,3-diethylpentane	610,05	26,7498	0,3381	0,2644	0,2300	0,8482	2,5789	-3,4339	0,92%	2,32%	2,18%	1,20%	23,96%
3,3-dimethyl-1-butene	480	32,9	0,2285	0,2814	0,1590	0,8515	2,5245	-12,2770	2,35%	2,84%	5,35%	1,40%	15,67%
3,3-dimethyl-1-butyne	488,5	36,75	0,1615	0,2889	0,6740	0,8729	0,8385	-15,7158	0,57%	1,59%		0,96%	11,43%
3,3-dimethyl-2-butanone	564	33,2	0,3273	0,2604	0,2382	0,8364	2,3933	2,9509	0,88%	1,51%		1,18%	17,18%
3,3-dimethylhexane	562	26,5	0,3202	0,2581	0,3043	0,8248	1,9717	3,3566	0,40%	1,08%	0,21%	2,89%	21,60%
3,3-dimethylpentane	536,4	29,5	0,2679	0,2744	0,2606	0,8386	2,0363	-8,3127	0,45%	1,13%	0,64%	2,32%	14,26%
3,4-dichloro-1-butene	589	38,5	0,2959	0,2589	0,1179	0,7853	2,4756	5,5818	1,22%			1,57%	16,80%
3,4-dichloroaniline	800	41,1	0,4678	0,2461	0,4002	0,8125	2,0379	15,3687	0,67%	1,54%		1,23%	17,88%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
3,4-DICHLOROPHENYL ISOCYANATE	730,3	34,09	0,5050	0,2460	1,8795	1,0000	0,5407	16,0868	0,65%	1,61%		1,49%	20,51%
3,4-DIMETHYLHEXANE	568,8	26,9	0,3381	0,2626	0,2296	0,8299	2,4195	-0,1076	0,17%	1,12%	0,43%	1,36%	16,00%
3,4-DIMETHYLTHIOPHENE	642,8	41,89	0,2786	0,2660	1,1079	1,0000	0,6896	-0,5708	0,51%	1,52%		1,27%	15,18%
3,4-XYLENOL	729,95	50	0,5763	0,2826	0,3502	0,8388	2,7378	-23,8056	1,40%	1,56%	3,19%	1,25%	13,41%
3,5-DIISOPROPYL TOLUENE	681,4	22,39	0,4887	0,2563	0,9657	0,8977	1,0824	5,1564	0,64%	1,33%		1,75%	19,98%
3,5-DIMETHYLBENZOFURAN	713,7	32,16	0,4222	0,2509	0,2861	0,8404	2,5380	12,7891	0,40%			1,28%	19,74%
3,5-DIMETHYLBENZOTHIOPHENE	784,8	34,64	0,4247	0,2573	0,3787	0,8680	2,2846	4,2663	1,57%			1,61%	18,51%
3,5-XYLENOL	715,65	36	0,4852	0,2375	1,7184	1,0000	0,5824	22,8991	1,36%	2,25%	2,16%	3,52%	1,08%
3-AMINO-1-PROPANOL	649	55	0,8273	0,2499	0,5584	0,8097	2,3860	1,6395	0,57%	0,77%		2,06%	22,43%
3-CHLORO-o-XYLENE	685,1	33,88	0,3424		1,2264	1,0000	0,6877		0,49%	2,09%			
3-CHLOROPROPENE	514,15	47,1	0,1478	0,2604	1,1112	0,9940	0,5205	6,1897	1,21%		0,26%	1,95%	16,59%
3-CHLOROPROPYLTRIMETHOXYSILANE	647,3	21,34	0,5349	0,2415	0,7836	0,7628	1,2823	29,7112	3,28%		1,20%	2,12%	22,02%
3-ETHYL HEPTANAL	623,8	23,64	0,5671		0,3749	0,8451	2,6298		0,33%				
3-ETHYL-1-HEPTANOL	636,7	25,46	0,8657	0,2582	1,3411	0,9867	1,1556	-9,2568	1,39%	2,13%	6,58%	3,18%	20,75%
3-ETHYL-1-HEXENE	553,9	26,04	0,3600	0,2602	0,1826	0,8315	2,8176	2,6684	0,38%	3,99%	2,33%	1,31%	19,42%
3-ETHYL-1-PENTENE	530	30,3	0,3019	0,2736	0,2448	0,7990	1,9984	-8,6886	0,54%	3,61%	1,39%	1,75%	14,51%
3-ETHYL-2,5-DIMETHYLTHIOPHENE	669	32,6	0,3794		0,7939	0,8787	1,1087		0,66%	2,49%			
3-ETHYLBENZOTHIOPHENE	776,5	35,26	0,4292	0,2607	0,7925	0,8924	1,2112	0,2842	0,62%	1,42%		1,66%	17,94%
3-ETHYLDODECANE	691,4	16,22	0,5995		0,7128	0,8353	1,5913		0,65%	1,46%			
3-ETHYLHEPTANE	590	23,9	0,4080	0,2581	0,7439	0,8671	1,2209	3,8122	0,85%	1,38%		1,60%	18,78%
3-ETHYLHEXANE	565,5	26,1	0,3605	0,2575	0,2963	0,8175	2,1055	4,1357	0,35%	1,17%	0,76%	1,88%	20,80%
3-ETHYL-o-XYLENE	680	28,8	0,3621	0,2517	1,4100	1,0000	0,6062	16,5800	0,82%	0,52%	0,94%	1,41%	15,76%
3-ETHYLPENTANE	540,6	28,9	0,3091	0,2667	0,3854	0,8216	1,6497	-2,1251	0,23%	1,91%	0,28%	1,60%	15,44%
3-HEPTANOL	605,4	30,73	0,5511	0,2624	0,3779	0,7427	2,0599	-4,5292	2,62%			2,03%	17,06%
3-HEPTANONE	606,6	29,2	0,4076	0,2505	0,5913	0,8028	1,3950	12,4151	0,78%	1,46%	0,50%	1,58%	19,75%
3-HEXANONE	582,82	33,2	0,3801	0,2556	0,3481	0,8221	1,9949	6,4682	1,41%	1,73%	1,04%	1,26%	16,99%
3-HEXYNE	544	35,3	0,2183	0,2606	0,1380	0,3970	0,9137	6,8968	1,59%			2,48%	16,91%
3-HYDROXY-2-METHYL PROPIONALDEHYDE	615	45,9	0,7928		1,4693	1,0000	0,9657		1,83%	1,60%	2,85%		
3-HYDROXYBUTYROLACTONE	830,6	53,97	0,6127	0,2324	0,3260	0,8213	2,8556	20,6187	0,30%			1,84%	25,50%
3-MERCAPTOPROPIONIC ACID	729	50,2	0,5885	0,2639	0,6634	0,8096	1,6149	-0,5236	1,49%		1,90%	5,83%	32,27%
3-METHOXYISOPROPYLAMINE	548	40,9	0,4227	0,2772	0,3840	0,8049	1,9269	-10,2631	0,45%	1,24%		1,47%	5,92%
3-METHOXYPROPIONITRILE	638	36,3	0,4597	0,2163	1,0513	0,9991	0,9837	40,9791	0,87%	1,26%		4,82%	26,00%
3-METHYL SULFOLANE	817	42,4	0,4191	0,2426	1,2133	0,9938	0,7839	19,6215	0,63%	1,07%		1,71%	33,96%
3-METHYL-1,2-BUTADIENE	490	38,3	0,1874	0,2650	1,4991	1,0000	0,4136	3,5776	1,97%	1,27%	1,41%	1,27%	11,14%
3-METHYL-1,4-PENTADIENE	497	34,9	0,2468	0,2730	0,6250	0,8909	1,1157	-5,8053	0,95%	1,73%	0,84%	1,53%	14,48%
3-METHYL-1-BUTANOL	577,2	39,3	0,5900	0,2551	2,0991	1,0000	0,5272	-0,7104	2,28%	3,27%		1,79%	14,31%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:					
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>	
3-METHYL-1-BUTENE	452,7	35,3	0,2097	0,2748	0,4830	0,8810	1,2744	-5,3180	0,69%	3,00%	0,41%	1,59%	9,21%	
3-METHYL-1-BUTYNE	463,2	42	0,3081	0,2927	0,2065	0,8513	2,5283	-16,1294	6,05%	6,51%	3,94%	2,90%	8,37%	
3-METHYL-1-HEXENE	528	29,5	0,3057	0,2687	0,3028	0,8054	1,8355	-4,7870	0,36%	1,00%	0,07%	1,42%	16,14%	
3-METHYL-1-PENTANOL	588	34	0,7230	0,2505	0,2207	0,7981	3,6606	-0,1472	3,04%	3,71%		1,33%	16,36%	
3-METHYL-1-PENTENE	495	32,9	0,2640	0,2741	0,2085	0,8574	2,4350	-7,5633	1,25%	1,75%	2,58%	1,65%	14,22%	
3-METHYL-2-BUTANOL	556,1	38,7	0,5016	0,2611	3,7056	0,9998	0,2598	-1,7866	3,05%	3,90%		1,39%	12,86%	
3-METHYL-2-PENTANONE	573	33,2	0,3886	0,2586	0,3757	0,7838	1,7615	3,8186	0,87%	7,40%	1,23%	1,52%	18,51%	
3-METHYL-3-ETHYLPENTANE	576,5	28,1	0,3050	0,2676	0,2453	0,8388	2,2650	-4,4642	0,39%	0,78%	1,77%	1,27%	16,23%	
3-METHYL-3-PENTANOL	575,6	35,2	0,4318	0,2662	0,3570	0,8069	2,0846	-5,2879	2,67%			1,05%	11,38%	
3-METHYLBUTYRALDEHYDE	543,2	38,29	0,3820	0,2651	0,7595	0,8840	1,1677	-2,2158	0,56%	1,46%		0,90%	15,44%	
3-METHYL-cis-2-PENTENE	515	32,902	0,2585	0,2644	0,5019	0,8076	1,2228	1,3355	1,03%	0,99%	0,65%	1,46%	16,25%	
3-METHYLCYCLOPENTENE	526	41,3	0,2296	0,2774	1,1899	1,0000	0,5739	-8,2822	0,58%	1,62%	1,54%	1,25%	10,16%	
3-METHYLDECANE	634,1	19,89	0,5204	0,2520	0,2664	0,8286	2,9306	11,9422	0,26%			1,88%	20,19%	
3-METHYLDODECANE	669	17,19	0,6156	0,2465	0,4069	0,8331	2,5497	21,7125	0,49%			2,15%	21,93%	
3-METHYLHEPTANE	563,6	25,5	0,3723	0,2569	0,4268	0,8190	1,7037	4,9212	0,46%	0,89%	2,14%	1,65%	20,68%	
3-METHYLHEXANAL	595	28,5	0,4570	0,2488	0,6454	0,8362	1,4378	12,6565	0,56%			0,96%	1,40%	23,74%
3-METHYLHEXANE	535,2	28,1	0,3204	0,2592	0,3594	0,8186	1,7541	2,8269	0,52%	1,15%	0,75%	2,29%	19,79%	
3-METHYLNONANE	613	21,6	0,4649	0,2535	0,4565	0,8102	1,8397	9,4198	0,14%	0,91%	1,51%	1,52%	22,80%	
3-METHYLOCTANE	590,15	23,4	0,4123	0,2578	0,4415	0,8210	1,7847	4,8546	1,22%	1,79%	1,61%	1,72%	20,93%	
3-METHYLPENTANE	504,6	31,2	0,2702	0,2666	0,3066	0,8226	1,7779	-1,6673	0,81%	1,35%	0,71%	1,50%	12,78%	
3-METHYLPYRIDINE	645	46,6	0,2978	0,2613	0,2982	0,8283	1,9285	2,9912	0,69%	1,64%	0,60%	1,24%	9,62%	
3-METHYLTHIOPHENE	613	49,1	0,2397	0,2741	0,4530	0,8040	1,2475	-5,0694	0,78%	1,46%	0,31%	1,31%	17,45%	
3-METHYL-trans-2-PENTENE	517	31,9	0,2627	0,2568	1,5197	1,0000	0,4684	7,9392	0,32%	1,80%	4,18%	2,33%	18,45%	
3-METHYLTRIDECANE	684,7	16,06	0,6668	0,2438	0,6196	0,8337	1,9377	27,8981	0,66%	1,55%		2,04%	22,89%	
3-METHYLUNDECANE	652,3	18,47	0,5690	0,2492	0,6013	0,8628	1,8491	16,3070	0,45%			1,99%	21,08%	
3-NITROBENZOTRIFLUORIDE	667	28	0,5364	0,2322	0,3260	0,8389	2,7377	34,3510	1,22%	2,57%		1,40%	24,89%	
3-NONANONE	648,1	24,53	0,4629	0,2519	1,6307	1,0000	0,5986	13,3428	0,59%	1,08%		1,23%	18,11%	
3-OCTANONE	627,7	27,04	0,4406	0,2511	1,2328	0,9880	0,7943	11,7202	0,64%	1,20%		1,54%	17,03%	
3-PENTANOL	559,6	37,14	0,5143	0,2530	0,5719	0,0001	0,9313	4,8042	3,30%			2,30%	17,01%	
3-PENTANONE	560,95	37,4	0,3448	0,2578	0,3461	0,8156	1,8542	5,7013	0,93%	6,01%	0,41%	1,08%	12,39%	
4-((2-HYDROXYETHOXY)CARBONYL) BENZOIC ACID	871,4	29,6	0,9669		0,4173	0,8101	3,3401		0,58%	1,42%				
4-(2-METHOXYETHYL)MORPHOLINE	669,8	31,33	0,4696		1,5166	1,0000	0,6551		0,58%	1,48%				
4,4'-DIISOPROPYLBIPHENYL	813,6	18,41	0,6164		0,5761	0,8175	1,8997		0,49%	1,75%				
4,4'-DINITRODIPHENYLAMINE	926	26,2	1,0247		0,4475	0,8104	3,3327		0,71%	0,79%				
4,4'-DINITROTRIPHENYLAMINE	946	20	1,0900		0,4760	0,8099	3,3451		0,62%	0,80%				
4,6-DIMETHYLDIBENZOTHIOPHENE	939,4	29,81	0,4902		0,5688	0,8195	1,6461		0,62%	2,03%				

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
4,6-DINITRO-o-sec-BUTYLPHENOL	793,9	27,5	1,0079		0,5020	0,8208	3,0940		0,61%				
4-[(TETRAHYDRO-2-FURANYL)OXY]-1-BUTANOL	694,3	30,9	0,9319		0,5283	0,8152	2,7607		0,68%	1,25%			
4-[2-(2-AMINOETHOXY)ETHYL]MORPHOLINE	706,9	28,5	0,6933		0,8645	0,8485	1,4926		0,91%	1,20%	1,17%		
4-CARBOXYBENZALDEHYDE	966	38,2	0,8174		0,3690	0,8090	3,1685		0,58%	1,74%			
4-CHLORO-3-NITROBENZOTRIFLUORIDE	686	27,4	0,6038	0,2410	0,5363	0,8745	2,1974	21,5807	0,89%			1,54%	26,19%
4-CHLORO-o-XYLENE	689,1	33,22	0,3471		1,2079	0,9999	0,7052		0,49%	1,89%			
4-ETHYL-m-XYLENE	665	28,8	0,4140	0,2555	0,3628	0,8192	2,0307	8,3252	0,44%	3,07%	1,58%	1,61%	20,71%
4-ETHYL-o-XYLENE	667	28,8	0,4114	0,2543	0,3633	0,8177	2,0137	9,5386	0,35%	0,73%	1,46%	1,49%	18,86%
4-HEPTANONE	602	29,2	0,4120	0,2553	0,2829	0,8274	2,4150	7,9448	0,22%	1,22%	2,20%	1,23%	19,58%
4-HYDROXYACETOPHENONE	860	44,5	0,6409	0,2480	0,6113	0,8859	2,0583	8,1126	4,00%			1,52%	23,31%
4-HYDROXYBUTYRALDEHYDE	599	44,8	0,8404	0,2382	0,4114	0,8008	2,9522	10,3755	0,57%		2,36%	1,97%	25,04%
4-HYDROXYSTYRENE	736	45,2	0,5090		1,0403	0,9032	1,0295		0,71%	1,13%	2,70%		
4-ISOBUTYLSTYRENE	735	23,8	0,4631	0,2417	0,5532	0,8160	1,6089	32,3063	0,53%	1,56%	1,00%	1,49%	21,90%
4-METHOXYPHENYLACETIC ACID	768	39	0,8984		0,6783	0,8363	2,2480		0,37%	0,37%			
4-METHYL DIBENZOTHIOPHENE	904,1	33,78	0,4414		0,2222	0,8148	2,7518		0,28%				
4-METHYL-1-HEPTENE	557,3	26,04	0,3591	0,2591	1,0888	0,9873	0,8073	3,9780	0,47%	1,40%		1,45%	19,87%
4-METHYL-1-HEXENE	534	30,4	0,3024	0,2715	0,4952	0,8068	1,3356	-7,1083	0,48%	2,59%	0,75%	1,69%	14,59%
4-METHYL-1-OCTANOL	631,7	24,84	0,8697	0,2564	0,6343	0,8586	2,4176	-8,0930	0,94%			3,27%	22,32%
4-METHYL-1-PENTENE	496	32,2	0,2389	0,2716	1,1820	1,0000	0,5881	-4,3644	0,38%	1,52%	1,94%	1,53%	15,38%
4-METHYL-2-PENTANOL	574,4	34,7	0,5730	0,2665	1,3913	1,0000	0,8191	-9,1189	1,16%	1,22%		2,01%	13,74%
4-METHYL-cis-2-PENTENE	499	32,2	0,2442	0,2699	1,1862	1,0000	0,5952	-2,9896	0,41%	2,27%	3,05%	1,40%	15,34%
4-METHYL-CYCLOHEXANE-METHANOL	647,6	32,43	0,6295	0,2792	1,7229	1,0000	0,6848	-19,5963	0,56%	0,84%		6,44%	26,79%
4-METHYLCYCLOPENTENE	527	41,3	0,2357	0,2811	1,1708	1,0000	0,5907	-9,8608	0,66%	2,25%	1,70%	2,53%	10,89%
4-METHYLHEPTANE	561,7	25,4	0,3707	0,2579	0,4228	0,8143	1,6964	4,4942	0,47%	0,77%	2,14%	1,51%	17,80%
4-METHYLNONANE	610	21,6	0,4651	0,2578	0,5791	0,8061	1,5388	4,6424	1,15%	2,88%	1,75%	2,25%	23,01%
4-METHYLOCTANE	587,65	23,4	0,4129	0,2575	0,4726	0,8154	1,6783	4,9267	1,33%	1,97%	2,04%	1,67%	21,78%
4-METHYLPHENANTHRENE	895,3	27,21	0,4401	0,2343	1,2221	1,0000	0,8058	48,8196	1,25%	1,40%		2,03%	23,58%
4-METHYLPYRIDINE	646,15	46,6	0,3010	0,2628	0,2640	0,8347	2,1275	2,0546	0,61%	1,29%	0,73%	1,03%	8,08%
4-METHYL-trans-2-PENTENE	501	32,2	0,2552	0,2696	1,2039	1,0000	0,5978	-3,0848	0,36%	2,04%	1,54%	1,46%	15,82%
4-NONANONE	643,7	24,53	0,4988	0,2575	1,3527	0,9952	0,7738	5,9676	0,67%	1,00%		2,10%	18,61%
4-OCTANONE	623,8	27,04	0,4204	0,2562	1,7706	1,0000	0,5164	7,7275	0,70%	0,97%		1,22%	17,09%
5-ETHYLIDENE-2-NORBORNENE	629	34	0,3141	0,2657	0,6358	0,8416	1,1709	-1,0675	0,22%	0,75%		1,49%	16,12%
5-ETHYL-m-XYLENE	655	27,5	0,4169	0,2510	0,2831	0,8322	2,4657	13,5611	0,25%	1,05%	2,00%	1,57%	23,49%
5-HEXEN-2-ONE	586,8	34,13	0,4174	0,2489	0,2862	0,8480	2,5809	10,4276	0,26%			1,46%	25,44%
5-METHYL-1-HEXANOL	605	30,3	0,7807	0,2700	0,7263	0,8173	1,8562	-15,0797	0,60%	0,53%		5,44%	21,62%
5-METHYL-1-HEXENE	528	28,7	0,3105	0,2643	0,4583	0,8570	1,5782	-0,9137	1,48%	1,90%	0,90%	1,45%	18,37%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
5-METHYL-2-HEXANONE	601	29,7	0,4344	0,2568	0,2496	0,8370	2,7707	4,5386	0,49%	1,22%		1,50%	21,77%
5-METHYLINDAN	711,2	35,22	0,3262	0,2622	0,2709	0,8606	2,3880	1,6016	0,38%			1,44%	16,93%
5-METHYLNONANE	610	21,6	0,4562	0,2557	0,3924	0,8161	2,0458	6,8691	2,01%	3,20%	2,62%	1,73%	22,63%
5-NONANONE	640	23,2	0,5137	0,2423	0,3855	0,8185	2,2561	23,8364	1,11%	2,31%	0,46%	1,51%	21,65%
5-o-TOLYL-2-PENTENE	702,6	25,16	0,4794	0,2523	0,9576	0,8953	1,0771	12,0552	0,51%	1,50%		1,44%	22,46%
6-AMINOHEXANAMIDE	807,8	34,56	0,6975	0,2480	0,9432	0,8644	1,3914	9,2413	0,89%	1,29%	0,33%	1,77%	22,03%
6-AMINOHEXANOL	665	34,4	0,9689		0,5131	0,7855	2,7418		0,65%	0,59%			
6-METHYL-1-HEPTENE	558	26	0,3555	0,2592	0,4059	0,8407	1,8123	3,2871	0,99%	1,84%	0,37%	1,40%	20,36%
6-METHYL-1-OCTANOL	633,4	24,84	0,8745	0,2555	0,5577	0,8435	2,6567	-6,2128	0,72%			3,37%	22,29%
7-METHYL-1-OCTENE	579	23,8	0,4045		0,5347	0,8348	1,5660		0,90%	1,34%	0,35%		
8-HYDROXYQUINOLINE	788	43,6	0,5223	0,2651	0,6589	0,8261	1,5332	-4,0235	0,62%	0,91%		2,05%	12,55%
8-METHYL-1-NONANOL	676,7	23,93	0,6107	0,2551	0,0970	0,4980	1,8884	4,6738	0,57%			1,69%	20,08%
8-METHYL-1-NONENE	619	21,9	0,4523		0,8716	0,8705	1,1254		0,64%	1,10%	0,26%		
8-METHYLQUINOLINE	787	43	0,3582	0,2736	0,3607	0,8344	1,9295	-11,5235	2,06%	2,87%	2,44%	1,73%	9,16%
ACENAPHTHALENE	792	32	0,3987		1,4300	1,0000	0,6308		0,57%	1,36%	2,36%		
ACENAPHTHENE	803,15	31	0,3811	0,2302	1,2012	1,0000	0,7537	44,7370	1,82%	4,32%	1,08%	4,16%	11,65%
ACETAL	539,7	32,2	0,4869	0,2842	0,3750	0,8585	2,4192	-23,8679	2,56%	2,98%	3,22%	3,43%	12,50%
ACETALDOL	620	45,9	0,7966	0,2149	0,9720	0,9367	1,5550	21,6400	0,59%			5,65%	16,40%
ACETALDOXIME	568	60,4	0,6384	0,2506	0,3800	0,8366	2,7789	4,6732	0,53%	1,25%		1,30%	10,65%
ACETAMIDE	761	66	0,4210	0,2156	1,2132	0,8972	0,7825	28,2984	0,64%	1,88%	0,62%	5,37%	23,91%
ACETAMINOPHEN	736	42,6	0,7997		0,4710	0,7961	2,5669		0,60%	0,93%	2,80%		
ACETANILIDE	825	37,3	0,5646	0,2364	1,2053	1,0000	0,9614	26,1003	0,40%	0,78%		1,42%	25,40%
ACETIC ANHYDRIDE	606	40	0,4553	0,2446	0,3445	0,8167	2,2196	14,1733	0,61%	3,36%	1,94%	1,54%	22,71%
ACETOACETANILIDE	879	30,3	0,7946	0,2337	0,5418	0,8125	2,3816	31,0280	0,63%	1,01%		1,67%	25,96%
ACETOACETIC ACID	678,5	46,97	0,7073		0,5681	0,8004	2,0676		0,65%	1,56%			
ACETOIN	607,4	44,63	0,5263	0,2469	0,5876	0,8035	1,6474	9,1289	0,63%	1,87%		1,13%	21,40%
ACETONE	508,2	47,01	0,3065	0,2433	0,3663	0,8371	1,7519	12,5392	0,35%	2,24%	1,90%	2,69%	26,20%
ACETONE CYANOHYDRIN	620	42,5	0,7673	0,2440	0,7529	0,8323	1,8042	7,8512	0,55%	0,64%		1,88%	23,31%
ACETONITRILE	545,5	48,5	0,3419	0,1963	0,5432	0,9307	1,6066	38,9177	1,61%	4,08%		8,91%	28,78%
ACETOPHENONE	709,6	40,1	0,3830	0,2572	0,3070	0,8345	2,2476	5,4852	0,55%	1,10%		1,11%	15,75%
ACETOVANILLONE	786	36,5	0,7856		0,4438	0,8042	2,6873		0,48%	0,76%			
ACETOXYACETIC ACID	764	43,2	0,7104		0,4790	0,8107	2,4037		0,69%	2,26%			
ACETYL CHLORIDE	508	57,4	0,3340	0,2643	0,3288	0,8764	2,1738	-1,4563	4,22%	6,19%		1,36%	16,15%
ACETYLENE	308,3	61,38	0,1912	0,2708	0,1923	0,8685	2,2777	-0,8748	0,35%	2,23%		1,53%	15,40%
ACETYLSALICYLIC ACID	765	32,7	0,8327	0,2411	0,8496	0,8396	1,7260	14,7316	0,79%	1,22%	2,09%	2,15%	24,35%
ACRIDINE	905	36,4	0,4400	0,2536	0,2754	0,8423	2,6769	8,3180	0,67%	1,81%	0,86%	1,25%	15,49%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
ACROLEIN	506	50	0,3198	0,2333	1,1861	1,0000	0,6578	16,2046	5,89%	6,92%	4,04%	5,89%	23,07%
ACROLEIN CYANOHYDRIN	639	45,1	0,8435	0,2357	0,9806	0,9311	1,6035	12,7614	0,70%			3,19%	25,67%
ACRYLIC ACID	615	56,6	0,5383	0,2447	1,3446	1,0000	0,8117	8,4231	1,82%		1,14%	1,21%	29,47%
ACRYLONITRILE	540	46,6	0,3107	0,2256	0,3320	0,8517	1,9719	25,0317	0,91%			3,89%	25,53%
ACRYLOXY PROPIONIC ACID	729,5	34,41	0,8018	0,2366	0,6019	0,8559	2,3695	18,7870	0,66%			2,16%	25,43%
ADAMANTANE	703	29,2	0,1853		0,1444	0,8570	2,4415		0,31%		0,32%		
ADIPIC ACID	841	37	0,7778	0,2343	0,4923	0,7281	2,1918	25,3496	1,82%	1,47%		1,12%	27,14%
ADIPONITRILE	781	28,3	0,6588	0,1925	0,9799	0,9616	1,3540	87,4935	0,23%			6,55%	52,18%
AIR	132,45	37,74	0,0000	0,2943	0,0970	0,8966	1,9371	-3,6643	1,27%	5,80%	3,04%	1,05%	2,07%
ALLYL ACETATE	559	36,8	0,3879	0,2566	0,4789	0,8891	1,8319	4,4874	0,56%	0,83%		1,98%	18,81%
ALLYL ACRYLATE	575,5	33,96	0,4264		1,4569	1,0000	0,6467		0,77%	1,29%			
ALLYL ALCOHOL	545,1	56,2	0,5697	0,2482	0,8476	0,8596	1,3362	3,9580	0,68%	1,09%		1,61%	17,28%
ALLYL ETHER	550,6	31,99	0,2762	0,2555	1,3520	1,0000	0,5521	10,0389	0,74%	1,66%		1,69%	17,45%
ALLYL GLYCIDYL ETHER	629	36,8	0,4087	0,2580	0,5806	0,8364	1,4759	3,4605	0,75%	1,82%		1,35%	18,41%
ALLYL METHACRYLATE	600	30,2	0,3881	0,2542	0,5324	0,7716	1,4041	9,4307	1,25%	2,87%		1,36%	20,09%
ALLYLAMINE	505	51,7	0,3265	0,2547	1,1593	1,0000	0,7129	3,6372	0,61%	1,27%		3,64%	0,40%
ALLYLDENE DIACETATE	639,1	28,64	0,5702	0,2526	1,0266	0,8653	1,1145	6,5549	0,54%	1,35%		1,61%	20,21%
ALLYL-TERT-BUTYLPEROXIDE	563	28,8	0,4020	0,2747	0,3983	0,8177	1,8772	-15,0722	1,07%	2,07%		1,52%	15,15%
alpha-EPICHLOROHYDRIN	615	49	0,2523	0,2409	0,1267	0,8378	2,7558	17,3383	2,28%	2,63%		3,78%	30,24%
alpha-HYDROXYISOBUTYRAMIDE	771,7	53,42	0,6453		0,4226	0,8211	2,5000		0,57%	1,46%			
alpha-HYDROXYISOBUTYRIC ACID	664	49,2	0,9833		0,4067	0,8071	3,4152		0,72%	0,73%			
alpha-METHYLBENZYL ALCOHOL	699	37,7	0,4382	0,2522	1,8364	1,0000	0,5087	9,0208	0,83%	1,50%		1,44%	18,89%
alpha-METHYLBENZYL ALCOHOL FORMATE	690	32,3	0,4377	0,2556	0,6561	0,8368	1,3842	5,9200	0,28%	0,37%		1,38%	20,28%
alpha-METHYLSTYRENE	654	33,6	0,3230	0,2581	0,7793	0,8435	0,9988	7,8768	0,41%	1,68%	0,08%	1,28%	22,71%
alpha-PHELLANDRENE	649	28,2	0,3807	0,2680	1,3816	0,9998	0,6361	-4,3936	1,01%	2,40%	0,36%	3,10%	21,19%
alpha-PINENE	644	27,6	0,2209	0,2528	0,6018	0,4168	0,7396	18,7273	0,25%			3,94%	27,23%
alpha-TERPINENE	649	28	0,3721	0,2562	0,4443	0,8085	1,6257	6,5531	0,27%	1,06%	0,65%	1,67%	19,81%
alpha-TERPINEOL	675	29,5	0,6992		0,4023	0,8312	2,8116		0,31%				
alpha-TOCOPHEROL	964,3	10,8	1,0314	0,2316	0,4861	0,8164	3,1919	85,1125	0,41%			4,07%	27,73%
AMINOACETONITRILE	638	54,4	0,4657		1,2942	1,0000	0,7766		0,65%	1,46%	3,92%		
AMINOCAPRONITRILE	697	30,5	0,6532		0,4212	0,8149	2,4849		0,26%	1,17%	0,70%		
AMMONIA	405,65	112,8	0,2526	0,2460	0,2274	0,8645	2,3318	4,0306	0,87%	2,17%	8,48%	2,66%	21,27%
AMMONIUM SULFIDE	479	31,54	0,1657	0,1904	0,2903	0,9025	1,8380	63,6892	0,39%			8,99%	35,20%
ANETHOLE	723	29	0,4846	0,2428	0,5158	0,8186	1,7584	22,7380	0,61%	1,26%		1,41%	27,48%
ANILINE	699	53,1	0,3775	0,2593	0,3471	0,8021	1,8984	1,4957	0,37%	2,89%	0,73%	1,34%	24,06%
ANISOLE	645,6	42,5	0,3502	0,2639	0,3716	0,8264	1,8339	-0,6140	0,14%	0,79%		1,22%	15,39%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
ANTHracene	873	29	0,4857	0,2289	0,2884	0,8387	2,7396	48,4969	3,63%	5,94%	2,96%	2,81%	30,13%
ANTHRAQUINONE	900	31,5	0,6807	0,2390	0,6486	0,8908	2,0020	27,9989	2,92%	4,85%		1,99%	21,08%
ANTIMONY TRICHLORIDE	794	48,2	0,1706	0,2188	0,1231	0,8532	2,4982	44,6417	1,06%			7,22%	39,40%
ARGON	150,86	48,98	0,0000	0,2941	0,1227	0,9045	1,8541	-3,2933	0,38%	2,30%	4,74%	1,18%	9,95%
ARSENIC (III) CHLORIDE	629	52,6	0,3020	0,2599	0,2756	0,8287	2,0400	3,2752	0,50%	2,76%	2,32%	1,24%	17,19%
ARSENIC TRIOXIDE	1200	40	0,0611		0,1131	0,8728	2,0938		0,51%	2,32%			
ARSINE	373	65,5	0,0105	0,2779	0,2810	0,8629	1,0129	-1,2298	0,46%	3,43%	0,23%	2,17%	50,08%
AZELAIC ACID	844	27,2	0,8923	0,2331	0,3619	0,6909	2,6172	29,2128	0,58%			1,35%	33,08%
BENZALDEHYDE	695	46,5	0,3127	0,2597	0,4849	0,8272	1,4222	4,2219	0,18%	0,59%	0,99%	1,37%	16,60%
BENZAMIDE	824	50,5	0,5585	0,2549	0,5355	0,8123	1,8633	2,7590	0,62%	1,68%		1,03%	19,73%
BENZANTHRACENE	979	23,9	0,5692		0,7917	0,8355	1,3983		0,65%	1,51%	0,35%		
BENZENE	562,05	48,95	0,2103	0,2698	0,1348	0,8481	2,5791	-1,4388	0,38%	1,54%	1,19%	1,42%	15,20%
BENZENE-1,2,4-TRICARBOXYLIC ACID TRIMETHYL ESTER	821,7	23,34	0,8845	0,2400	0,6465	0,8580	2,4260	21,3489	2,83%			3,60%	24,96%
BENZIDINE	929	33	0,7347		0,5256	0,8105	2,2900		0,62%	0,84%			
BENZOIC ACID	751	44,7	0,6028	0,2481	2,2106	1,0000	0,5033	8,9874	3,11%	4,36%	2,59%	1,17%	22,22%
BENZONITRILE	702,3	42,15	0,3432	0,2467	0,5684	0,8426	1,3557	16,0973	0,20%	2,04%		1,65%	30,83%
BENZOPHENONE	830	33,52	0,5019	0,2632	0,2934	0,8368	2,7743	-5,0707	1,89%	1,71%		1,77%	12,37%
BENZOTHIOPHENE	764	47,6	0,3071	0,2840	0,2388	0,8561	2,4542	-13,3530	1,76%	3,03%		4,34%	11,76%
BENZOTRICHLORIDE	737	33,4	0,2599	0,2539	1,0966	0,9999	0,6715	15,5020	0,59%	1,45%		1,91%	22,70%
BENZOTRIFLUORIDE	559,9	32,1	0,2998	0,2522	0,7259	0,8258	1,0118	11,2754	0,74%	2,54%	0,50%	2,76%	22,06%
BENZOYL CHLORIDE	697	40,6	0,4159	0,2610	0,9271	0,9959	1,0691	0,9460	0,66%	0,54%		1,61%	19,30%
BENZYL ACETATE	699	31,8	0,4733	0,2593	0,6114	0,8318	1,5400	3,2464	0,81%	1,66%		3,16%	24,40%
BENZYL ALCOHOL	720,15	43,74	0,3631	0,2450	0,0000	0,6216	2,0352	16,7227	0,64%			4,09%	5,78%
BENZYL CHLORIDE	686	39,1	0,3136	0,2537	0,7299	0,7558	0,9746	11,1323	0,63%	3,52%	4,33%	1,73%	21,47%
BENZYL DICHLORIDE	731	36,5	0,3264	0,2570	0,8189	0,9921	1,0630	8,7740	0,36%	1,14%		1,62%	24,53%
BENZYL ETHYL ETHER	662	31,1	0,4332	0,2501	1,1065	0,9999	0,8904	10,4729	0,87%	2,04%		2,19%	20,72%
BENZYL FORMATE	698	35,9	0,4203	0,2553	1,2609	1,0000	0,7502	7,6442	0,60%	1,16%	2,54%	1,45%	23,25%
BENZYL MERCAPTAN	718	40,6	0,3126	0,2624	0,3965	0,8060	1,5837	3,4732	0,93%	2,43%	0,90%	1,71%	22,21%
BENZYLAMINE	684	43,2	0,4011	0,2620	0,2205	0,8354	2,8002	0,3889	0,47%	1,05%		1,51%	8,39%
beta-PHELLANDRENE	648	28,2	0,3766	0,2659	0,8020	0,8309	1,0562	-2,8003	0,60%	1,54%	0,18%	2,28%	21,17%
beta-PINENE	643	27,6	0,3249	0,2549	0,2156	0,8465	2,6058	11,8668	1,67%	3,08%		1,31%	18,13%
beta-TERPINEOL	665,2	30,12	0,6872	0,2738	0,5184	0,8070	2,1909	-24,3357	0,53%	1,12%		2,02%	17,06%
BICYCLO[2.2.1]HEPTANE	594	36,96	0,1636		0,1194	0,8446	2,3886		0,52%	3,05%			
BICYCLO[2.2.2]OCTANE	625	34,2	0,2054	0,2417	0,1986	0,8663	2,3069	21,7338	0,55%		3,13%	3,73%	9,96%
BICYCLOHEXYL	727	25,6	0,4276	0,2549	0,3155	0,8533	2,4966	8,4149	1,07%	2,44%		1,19%	19,97%
BIPHENYL	773	33,8	0,4029	0,2551	0,2339	0,8327	2,7080	7,3452	0,83%	1,69%	0,15%	1,34%	16,13%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
BIS-(2-AMINOETHYL)ETHER	655,8	44,21	0,6152		2,0161	1,0000	0,5650		0,54%	0,85%			
BIS(alpha-METHYLBENZYL) ETHER	770,6	19,92	0,4834	0,2419	0,2061	0,7191	2,2825	40,0672	0,51%			1,68%	21,94%
BIS(CHLOROMETHYL)ETHER	579	45,8	0,3239	0,2541	1,1521	0,9917	0,7138	7,2766	0,61%	1,44%		1,51%	22,42%
BIS(CYANOETHYL)ETHER	783	28,3	0,7775	0,1978	0,4884	0,8412	2,6966	75,3673	0,51%			3,96%	67,58%
BIS(DIFLUOROMETHYL)ETHER	420,25	42,28	0,3676	0,2636	1,1959	1,0000	0,7363	-0,8196	0,64%	1,06%		1,24%	14,29%
BIS(TRIFLUOROMETHYL)SULFIDE	376,75	30,58	0,2638	0,2806	0,2677	0,8727	2,2209	-11,1639	0,38%			1,07%	13,61%
BIS[3-(TRIMETHOXYSILYL)PROPYL]DISULFIDE	736,2	13,09	1,1551	0,2452	0,6614	0,8348	2,8118	-0,0419	0,85%			4,08%	29,50%
BORON TRIBROMIDE	573,15	48,7	0,2599	0,2766	0,4084	0,9136	1,7635	-7,7931	0,97%			1,13%	13,87%
BORON TRICHLORIDE	451,95	38,706	0,1505	0,2436	0,0600	0,8404	2,7095	14,2446	0,57%	1,90%		5,97%	91,63%
BORON TRIFLUORIDE	260,9	49,9	0,4337	0,2565	0,2342	0,8344	2,8200	0,1984	2,29%	5,04%	1,66%	2,49%	7,95%
BROMINE	584,15	103	0,1290	0,3008	0,1358	0,8689	2,2719	-9,9116	1,30%	2,08%	1,22%	1,32%	14,71%
BROMOBENZENE	670,15	45,191	0,2506	0,2629	0,4417	0,8256	1,3456	2,7331	1,79%	2,80%	0,10%	1,55%	16,14%
BROMOCHLORODIFLUOROMETHANE	426,15	42,54	0,1871	0,2749	1,4213	1,0000	0,4225	-3,2746	2,05%	4,91%	1,77%	1,34%	5,41%
BROMOCHLOROMETHANE	557	64,7	0,2064	0,2727	1,0407	1,0000	0,6379	-1,8422	0,70%	1,21%		1,30%	8,76%
BROMODIFLUOROMETHANE	411,98	51,32	0,2050	0,2665	0,2183	0,7928	1,7064	-0,1783	0,56%	5,88%		2,72%	22,97%
BROMOETHANE	503,8	55,65	0,2053	0,2750	0,2003	0,8673	2,2940	-3,5853	1,79%	2,95%		1,49%	15,18%
BROMOMETHANE	464	69,29	0,1534	0,2717	0,2956	0,8410	1,4581	-0,7023	0,96%	2,83%	0,87%	1,37%	13,06%
BROMOTRICHLOROMETHANE	606	49,7	0,1920	0,2800	0,2084	0,8324	1,9107	-8,5558	0,41%	1,99%	0,84%	1,01%	12,75%
BROMOTRIFLUOROETHYLENE	432	44,8	0,1754	0,2815	1,0711	1,0000	0,5724	-5,3847	0,52%	2,46%	0,51%	2,90%	5,37%
BROMOTRIFLUOROMETHANE	340,15	39,7	0,1704	0,2762	0,8682	1,0000	0,7202	-3,6469	0,62%	1,70%		1,21%	11,32%
BUTANAL	537,2	44,1	0,2826	0,2588	0,9865	1,0000	0,7914	4,1569	0,59%	1,73%		1,50%	19,06%
BUTYL VINYL ETHER	536	31,2	0,3802	0,2620	0,5680	0,8316	1,4250	0,3397	0,75%	1,50%		1,39%	20,53%
BUTYRONITRILE	585,4	38,8	0,3601	0,2303	0,3362	0,8702	2,2540	26,9023	1,33%	2,89%		2,69%	23,27%
CAMPHENE	638	27,5	0,2957	0,2520	0,5139	0,8165	1,3020	15,9454	0,33%	1,19%		2,70%	15,63%
CAMPHOR	709	29,9	0,3190	0,2560	0,1998	0,8438	2,6519	10,8238	0,80%	2,68%		1,61%	17,87%
CARBAMYL CHLORIDE	517	73,8	0,4446		0,2165	0,8128	2,7760		0,43%	0,89%			
CARBON DIOXIDE	304,21	73,83	0,2236	0,2728	0,1784	0,8590	2,4107	-1,1374	0,27%	1,01%	6,99%	1,17%	13,24%
CARBON DISULFIDE	552	79	0,1107	0,2891	0,2523	0,8784	1,6011	-7,0906	0,81%	0,96%	12,01%	1,84%	16,05%
CARBON MONOXIDE	132,92	34,99	0,0482	0,2903	0,0997	0,8782	2,1509	-3,6765	0,34%	1,27%	10,19%	1,16%	6,75%
CARBON TETRACHLORIDE	556,35	45,6	0,1926	0,2721	0,2174	0,8228	1,8121	-2,7606	0,53%	1,80%	3,53%	1,46%	13,98%
CARBON TETRAFLUORIDE	227,51	37,45	0,1790	0,2811	0,4987	0,8428	1,0753	-4,4212	0,66%	1,85%	0,64%	1,03%	11,67%
CARBONYL FLUORIDE	297	57,6	0,2829	0,3291	0,1576	0,7500	2,0001	-20,6636	1,82%	3,80%	0,50%	0,86%	8,12%
CARBONYL SULFIDE	378,8	63,49	0,0970	0,2744	0,1557	0,8639	1,9347	-1,3991	0,28%	1,90%	11,05%	2,77%	13,91%
CELLOBIOSE	1235	39,21	0,8442		0,5382	0,8204	2,5420		0,58%	0,93%			
CHLORINE	417,15	77,1	0,0688	0,2777	0,7775	0,8922	0,5817	-1,4689	1,06%	2,21%	1,01%	1,77%	12,70%
CHLORINE TRIFLUORIDE	433,7	45,78	0,3371	0,2040	0,6584	0,8418	1,2166	30,3732	3,69%	1,66%	0,69%	6,62%	31,53%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
CHLOROACETALDEHYDE	555	53,7	0,3297	0,2355	0,1537	0,8313	2,8787	16,5013	0,51%	2,54%		2,96%	23,21%
CHLOROACETIC ACID	686	57,8	0,5461	0,2304	0,2388	0,8196	3,1206	17,5566	0,66%	1,76%		2,26%	29,31%
CHLOROACETYL CHLORIDE	581	51,1	0,3540	0,2568	0,1495	0,8244	2,9349	4,2457	0,45%			1,27%	16,88%
CHLOROCYCLOHEXANE	638	38,27	0,2611	0,2631	0,1855	0,8515	2,5262	2,6254	0,42%	2,57%		1,22%	16,02%
CHLORODIFLUOROMETHANE	369,3	49,71	0,2192	0,2678	0,5065	0,8274	1,1425	-0,0993	0,52%	2,13%	1,45%	1,33%	14,44%
CHLOROFUOROMETHANE	427	56,2	0,2108	0,2486	1,1809	1,0000	0,5370	9,0215	3,55%	5,73%	0,94%	2,32%	20,24%
CHLOROFORM	536,4	54,72	0,2219	0,2765	0,8473	0,8716	0,7617	-4,6795	1,93%	2,95%	0,19%	1,02%	6,79%
CHLOROMETHYL METHYL ETHER	521	50,3	0,2698	0,2653	1,1220	1,0000	0,6676	2,0945	0,67%	1,11%		2,82%	22,73%
CHLOROPENTAFLUOROETHANE	353,15	31,57	0,2514	0,2757	0,9683	0,9416	0,7413	-6,1998	0,75%	1,94%	0,96%	1,00%	15,91%
CHLOROPRENE	525	42,6	0,1974	0,2611	0,1736	0,8582	2,3346	5,2323	0,08%	1,33%		1,84%	13,46%
CHLOROTRIFLUOROETHYLENE	379,15	40,53	0,2442	0,2735	0,3242	0,8472	1,7400	-3,0626	0,74%	1,95%		2,10%	14,23%
CHLOROTRIFLUOROMETHANE	302	38,7	0,1717	0,2775	0,1413	0,8584	2,4198	-3,8903	0,47%	1,64%	1,72%	1,18%	12,79%
CHRYSENE	979	23,9	0,6030		0,3146	0,8046	2,7519		0,49%	1,80%	0,20%		
CINNAMIC ACID	797	35,4	0,7121	0,2339	0,3765	0,7617	2,5362	23,5682	1,39%			1,83%	28,04%
cis,trans-2,4-HEXADIENE	538	33,5	0,2754	0,2534	0,3258	0,8054	1,6660	10,9808	0,54%	2,05%	0,10%	1,90%	20,69%
cis-1,2-DICHLOROETHYLENE	544	51,9	0,1349	0,2598	1,2711	0,5504	0,4557	7,2053	0,88%	1,23%		2,34%	16,38%
cis-1,2-DIMETHYLCYCLOHEXANE	606,15	29,3843	0,2324	0,2544	1,4361	1,0000	0,4733	15,1714	1,06%	0,79%	1,87%	2,54%	11,32%
cis-1,2-DIMETHYLCYCLOPENTANE	565,15	34,4505	0,2662	0,2698	0,3339	0,8212	1,6593	-3,8161	0,92%	1,67%	1,70%	1,11%	14,35%
cis-1,3-DICHLOROPROPENE	594,4	47,04	0,2278	0,2617	1,2217	1,0000	0,5603	3,9394	0,70%	1,81%		1,69%	16,01%
cis-1,3-DIMETHYLCYCLOHEXANE	591,15	29,3843	0,2366	0,2639	1,2774	1,0000	0,5433	3,9578	1,04%	0,91%	0,62%	1,34%	13,38%
cis-1,3-DIMETHYLCYCLOPENTANE	551	34,45	0,2743	0,2812	0,5287	0,8410	1,2580	-13,8651	0,43%	1,51%	2,76%	2,74%	17,40%
cis-1,3-PENTADIENE	499	37,4	0,1470	0,2559	1,4966	1,0000	0,3890	10,5278	3,86%	3,23%	0,48%	2,77%	19,74%
cis-1,4-DIMETHYLCYCLOHEXANE	598,15	29,3843	0,2311	0,2598	1,3694	1,0000	0,4990	9,2041	1,34%	0,73%	0,96%	1,51%	11,10%
cis-1,8-TERPIN	694,8	29,49	1,0801		0,4535	0,8071	3,4152		0,28%	0,89%			
cis-1-PROPYNYLBENZENE	671	33,6	0,3411	0,2573	1,2311	1,0000	0,6767	9,1224	0,55%	1,77%	1,22%	1,88%	23,17%
cis-2-BUTENE	435,5	42,1	0,2019	0,2702	0,4526	0,8193	1,1798	-1,3959	0,53%	1,32%	0,84%	1,40%	13,58%
cis-2-DECENE	621	21,8	0,4752	0,2513	0,3857	0,7925	2,0170	13,5865	0,53%	2,16%	2,57%	1,44%	21,10%
cis-2-DODECENE	663	18,9	0,5692		0,4552	0,7910	2,0409		0,53%	1,83%	3,82%		
cis-2-HEPTENE	543,7	28,4	0,3363	0,2568	0,2419	0,8464	2,4840	6,6447	0,38%	3,92%	1,31%	1,44%	20,06%
cis-2-HEXENE	511,4	31,6	0,2874	0,2600	0,6893	0,8531	1,0505	4,4528	0,47%	2,63%	0,80%	1,55%	18,60%
cis-2-METHYLCYCLOHEXANOL	614	37,9	0,6805	0,2658	0,3135	0,8192	3,1291	-11,2656	5,51%	1,49%	2,38%	1,33%	13,72%
cis-2-NONENE	598,1	23,7	0,4304		1,0864	1,0000	0,9075		0,28%	1,28%			
cis-2-OCTENE	572	25,9	0,3889	0,2549	0,2885	0,8536	2,4929	8,2419	0,28%	0,85%	4,81%	1,43%	20,39%
cis-2-PENTENE	475	36,4	0,2454	0,2716	1,2515	0,9936	0,5580	-2,5914	0,97%	3,93%	0,78%	2,06%	15,11%
cis-2-PHENYLBUTENE-2	685	30,1	0,3564	0,2482	0,5677	0,8210	1,3543	19,3095	0,71%	1,53%		1,58%	19,65%
cis-3-HEPTENE	545	28,4	0,2949	0,2588	0,3901	0,7976	1,5218	6,9395	0,24%	0,61%	0,25%	1,52%	14,85%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
cis-3-HEXENE	509	31,7	0,2787	0,2634	0,4499	0,8116	1,3757	1,9649	0,18%	1,25%	0,62%	1,46%	16,36%
cis-3-METHYLCYCLOHEXANOL	625	37,9	0,6943	0,2682	0,7222	0,7955	1,6712	-13,4151	0,37%	1,55%	0,40%	1,67%	16,28%
cis-3-OCTENE	569	25,9	0,3800	0,2551	0,2637	0,8484	2,5577	7,8424	0,22%	1,93%	4,26%	1,51%	20,10%
cis-4-METHYLCYCLOHEXANOL	622	37,9	0,6880	0,2699	0,3345	0,8194	3,0433	-14,3937	0,54%	1,45%	2,58%	2,32%	16,00%
cis-4-OCTENE	568	25,9	0,3854	0,2551	0,2309	0,8407	2,7058	7,7225	0,59%	5,66%	2,27%	1,46%	19,91%
cis-CROTONALDEHYDE	554	45,9	0,3241		1,2297	1,0000	0,6622		0,45%	1,78%	3,30%		
cis-CROTONIC ACID	647	47	0,5723	0,2403	0,2676	0,8097	2,9370	12,8363	0,43%			1,28%	25,56%
cis-CROTONITRILE	568	38,8	0,3787	0,2225	0,4045	0,8452	1,8476	31,7709	3,24%	2,17%	3,58%	4,52%	29,20%
cis-DECAHYDRONAPHTHALENE	703,6	32	0,2791	0,2640	1,4612	1,0000	0,4968	2,4814	1,69%	1,38%	0,96%	1,39%	16,56%
cis-DICYANO-1-BUTENE	796	29,5	0,6639		0,6512	0,8254	1,8265		0,24%	0,99%			
cis-STILBENE	784	27,4	0,4758	0,2506	0,2816	0,8376	2,7603	14,5447	1,17%	1,61%		1,43%	20,26%
CITRACONIC ACID	829	42,4	0,9269		0,5223	0,8106	2,7486		0,60%	1,10%			
CROTYL GLYCOL ETHER	643,9	33,87	0,5532	0,2518	0,1991	0,7947	3,1206	7,2547	0,43%			1,81%	20,87%
CUMENE	631	32,09	0,3274	0,2626	1,2700	1,0000	0,6399	2,2429	1,05%	1,54%	2,17%	1,56%	15,28%
CYANOGEN	400,15	59,24	0,2756	0,2615	0,9838	1,0000	0,7801	1,0004	0,25%	2,53%		2,16%	13,67%
CYANOGEN CHLORIDE	449	59,9	0,3221	0,2363	0,8342	0,9984	1,0366	11,0036	0,80%	1,52%		3,29%	10,78%
CYCLOBUTANE	459,93	49,8	0,1847	0,2701	0,2136	0,8638	2,0681	-2,3923	0,11%	1,80%	1,51%	3,12%	13,54%
CYCLOHEPTANE	604,2	38,2	0,2408	0,2725	0,2404	0,8471	2,0869	-5,3516	0,66%	1,65%	0,80%	0,96%	16,04%
CYCLOHEPTENE	598	40,1	0,2517	0,2786	1,2780	1,0000	0,5519	-9,3040	0,81%	2,33%	2,96%	1,76%	16,21%
CYCLOHEXANE	553,8	40,8	0,2081	0,2730	0,3707	0,8119	1,3579	-4,2349	0,38%	0,92%	0,44%	1,43%	14,01%
CYCLOHEXANECARBOXALDEHYDE	639,4	35,79	0,3827	0,2552	0,2459	0,8445	2,6399	7,0878	0,62%		0,49%	1,11%	18,61%
CYCLOHEXANOL	650,1	42,6	0,3690	0,2575	2,7410	0,6180	0,3960	4,3391	3,48%	4,36%	9,81%	1,93%	19,78%
CYCLOHEXANONE	653	40	0,2990	0,2454	0,2645	0,8350	2,1232	16,9778	0,36%	1,29%		2,64%	28,70%
CYCLOHEXANONE OXIME	715	46,9	0,4620		0,2116	0,8209	2,9623		0,45%	1,20%			
CYCLOHEXENE	560,4	43,5	0,2123	0,2723	0,8412	0,8782	0,7601	-3,1784	1,17%	2,14%	0,97%	1,29%	14,24%
CYCLOHEXYL ACETATE	648	31,2	0,4209	0,2622	0,7074	0,8154	1,2408	-1,1693	0,35%	2,34%	0,31%	1,80%	22,02%
CYCLOHEXYL FORMATE	645	35,2	0,3679	0,2629	0,2147	0,8397	2,7218	0,0662	0,83%	1,34%	1,62%	1,67%	21,94%
CYCLOHEXYL HYDROPEROXIDE	685	42,1	0,7571	0,2632	0,8060	0,8370	1,6854	-8,8687	0,64%	0,52%		2,90%	19,31%
CYCLOHEXYL ISOCYANATE	633	34,7	0,5247	0,2514	1,0610	0,9135	1,0340	10,4129	0,75%	0,63%		2,81%	11,72%
CYCLOHEXYL MERCAPTAN	664	39,7	0,2641	0,2695	0,1699	0,8472	2,5941	-3,4152	0,60%	2,13%	0,26%	1,57%	21,38%
CYCLOHEXYLAMINE	615	42	0,3604	0,2767	0,2284	0,8465	2,6036	-10,8878	2,98%	3,26%	3,57%	1,28%	6,98%
CYCLOHEXYLBENZENE	744	28,8	0,3783	0,2644	1,7813	1,0000	0,4806	0,5515	0,85%	1,30%		2,02%	24,71%
CYCLOOCTANE	647,2	35,6	0,2524	0,2709	0,1321	0,8374	2,6993	-4,1219	0,23%	1,19%	0,88%	0,94%	14,33%
CYCLOOCTENE	632	36,8	0,2804	0,2711	1,0891	1,0000	0,7064	-5,8729	1,29%	1,01%		1,26%	14,94%
CYCLOPENTADIENE	507	51,5	0,2020	0,2741	0,4792	0,9532	1,4197	-4,1502	0,73%	2,91%		1,11%	13,67%
CYCLOPENTANE	511,7	45,1	0,1949	0,2691	0,3967	0,8269	1,2921	-1,9877	0,25%	2,80%	0,93%	3,00%	12,30%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:					
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>	
CYCLOPENTANONE	624,5	46	0,2876	0,2469	1,2016	0,9943	0,6335	13,3171	1,12%	2,03%	1,54%	2,99%	29,33%	
CYCLOPENTENE	507	48	0,1961	0,2763	0,5816	0,8590	1,0079	-4,8024	0,64%	2,43%	0,92%	1,39%	12,15%	
CYCLOPENTYLACETIC ACID	708	36,2	0,6144	0,2521	0,4908	0,7570	1,9453	5,1895	1,31%			1,45%	20,66%	
CYCLOPENTYLAMINE	584	46,4	0,3294	0,2702	1,0801	1,0000	0,7771	-5,3222	1,08%	1,29%		1,23%	6,17%	
CYCLOPROPANE	398	55,4	0,1278	0,2776	0,2134	0,8571	1,7551	-3,0579	0,74%	1,23%	2,66%	1,19%	15,23%	
CYCLOPROPANE CARBOXYLIC ACID	671	59,95	0,6048	0,2644	1,1531	0,9965	1,0623	-4,6884	0,93%		2,04%	1,85%	17,24%	
CYCLOPROPANECARBOXAMIDE	779,1	57,39	0,5726		0,4806	0,8081	2,0404		0,48%	2,42%				
CYCLOPROPYL CYANIDE	621,9	44,62	0,3415	0,2202	0,9840	1,0000	0,8753	32,3084	1,74%		0,41%	5,34%	33,30%	
CYCLOPROPYLAMINE	508,6	57,48	0,3038	0,2649	0,2853	0,8688	2,2731	-0,8204	0,39%			1,18%	19,46%	
DECAFLUOROBUTANE	386,35	23,23	0,3664	0,2710	0,4939	0,8180	1,5247	-8,1146	0,75%	1,47%		1,31%	14,60%	
DECAMETHYLCYCLOPENTASILOXANE	617,4	10,35	0,6223	0,2485	1,4911	1,0000	0,7997	27,8266	1,42%	1,10%		1,64%	21,69%	
DECAMETHYLtetrasiloxane	599,4	11,9	0,6596	0,2627	1,1940	0,9703	1,0775	-20,3778	0,29%	0,85%		2,72%	18,89%	
DECAN-1,10-DIOL	747	21,1	0,9194	0,2184	0,8601	0,8445	1,8442	54,3735	1,50%			2,22%	39,65%	
DECANAL	674	26	0,5201	0,2696	1,3952	1,0000	0,7673	-16,7886	1,01%	0,58%		1,38%	18,15%	
DEHYDROABIETIC ACID	828	17,5	0,9154		0,3941	0,8107	3,3255		0,61%	0,81%				
DEHYDROABIETYLAMINE	863	17	0,7415		0,6571	0,8208	1,9566		0,53%	1,07%				
DEUTERIUM OXIDE	643,89	216,71	0,3658	0,2253	0,3802	0,8552	1,9806	5,5114	0,26%	1,92%	1,44%	7,32%	25,09%	
DI-(2-CHLOROETHOXY)METHANE	696,2	30,66	0,5230	0,2465	0,6788	0,8571	1,5498	15,5490	0,64%	1,51%		1,55%	21,47%	
DI(2-CHLOROETHYL)ETHER	666	35,9	0,3940	0,2470	0,2478	0,8030	2,3431	15,4778	0,47%			1,41%	1,58%	26,01%
DI-2-ETHYLHEXYLAMINE	702	14,7	0,9179	0,2485	0,6327	0,8137	2,3444	6,3005	0,30%	1,41%		2,61%	23,27%	
DIACETYL	546,9	43,84	0,3641	0,2536	0,4723	0,7636	1,4466	6,7789	0,63%	2,08%		1,66%	18,65%	
DIALYL MALEATE	693	23,3	0,7886	0,2450	0,7541	0,8318	1,8377	13,6260	0,58%	0,78%		2,81%	23,19%	
DIALYL PHTHALATE	790,2	20,96	0,7345		0,8631	0,8394	1,5500		0,75%	1,45%				
DIALYL SULFIDE	653,53	33,59	0,0824	0,2492	0,0000	0,2471	0,6192	24,8790	3,47%			5,80%	22,70%	
DIALYLAMINE	556	33,2	0,4483	0,2768	1,2407	0,9959	0,7966	-9,7753	0,65%	0,69%		5,93%	11,68%	
DIAMANTANE	791	22,6	0,1633		0,1397	0,8596	2,4017		0,46%	3,75%				
DIAMYL KETONE	678,5	20,52	0,5928	0,2479	0,2625	0,7891	2,8551	18,5170	0,45%			1,29%	19,45%	
DIAMYLAMINE	639	21,2	0,6767	0,2521	0,4228	0,8156	2,5539	3,3425	0,68%	1,35%		1,74%	21,94%	
DIBENZOFURAN	824	36,4	0,3988	0,2632	0,2618	0,8458	2,6172	0,8514	1,99%	2,98%	1,97%	1,69%	16,71%	
DIBENZOPYRROLE	899	32,6	0,4938		0,3703	0,8543	2,4811		1,86%	4,63%	0,27%			
DIBENZOTHIOPHENE	897	38,6	0,3983		0,2730	0,8474	2,5723		0,24%	1,44%				
DIBORANE	289,8	40,53	0,1311	0,2845	0,8825	0,9287	0,6115	-5,5313	0,79%	1,90%	0,54%	1,01%	8,77%	
DIBROMODIFLUOROMETHANE	478	40,7	0,1085	0,2496	0,0614	0,8236	2,2200	12,0389	0,58%			8,10%	15,72%	
DIBROMOMETHANE	611	71,7	0,2095	0,2869	0,4694	0,8154	1,1474	-8,5481	1,87%	2,31%	2,23%	1,58%	1,50%	
DIBUTYL MALEATE	716	19	0,8994	0,2450	0,6050	0,8137	2,4006	11,6923	0,53%	0,86%		4,41%	32,33%	
DIBUTYL SEBACATE	768	13,2	1,1245	0,2375	0,6603	0,8170	2,6713	27,5101	0,39%	2,21%	5,83%	3,81%	39,00%	

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
DIBUTYL TEREPHTHALATE	787,2	16,94	0,9642	0,2358	0,5423	0,8317	2,8709	31,0417	0,61%			2,43%	32,04%
DICHLOROACETALDEHYDE	555	49,5	0,3437	0,2561	0,3218	0,8211	1,9750	4,6706	0,78%	1,95%		1,24%	17,95%
DICHLOROACETIC ACID	686	51,7	0,5550	0,2531	0,5870	0,8156	1,7346	5,1209	0,66%	1,03%		2,19%	26,04%
DICHLOROACETYL CHLORIDE	585	46,1	0,3089	0,2686	1,1517	1,0000	0,6959	-3,0865	0,59%	1,22%		1,12%	15,70%
DICHLORODIETHYLSILANE	595,75	30,6	0,3189	0,2733	1,5660	1,0000	0,5071	-9,1447	1,02%	1,65%		1,86%	11,22%
DICHLORODIFLUOROMETHANE	384,95	41,25	0,1797	0,2765	0,1492	0,8586	2,4165	-4,2188	0,34%	1,37%	5,74%	1,20%	11,86%
DICHLOROFUOROMETHANE	451,58	51,84	0,2048	0,2712	0,1506	0,8483	2,4453	-1,7873	0,47%	1,35%	2,00%	1,23%	14,50%
DICHLOROMETHANE	510	60,8	0,1986	0,2633	1,3448	1,0000	0,4642	2,8159	1,83%	1,33%	0,88%	1,54%	14,36%
DICHLOROSILANE	451,5	45,99	0,1630	0,2781	0,1352	0,8186	2,0375	-4,2688	0,45%			1,14%	7,67%
DICYANDIAMIDE	834	53,4	0,6924		0,3532	0,8052	2,8442		0,48%	1,07%			
DICYCLOHEXYL SULFIDE	802	26,5	0,3955	0,2676	0,5048	0,8382	1,6281	-7,1645	0,83%	1,83%	4,98%	2,14%	10,42%
DICYCLOPENTADIENE	660	30,6	0,2880	0,2645	0,1239	0,8302	2,8525	8,7841	0,70%	1,81%	0,43%	3,15%	21,91%
DIETHANOLAMINE	736,6	42,7	0,9529	0,2170	0,5721	0,8379	2,7540	24,8079	0,80%	1,20%		3,01%	19,22%
DIETHYL CARBONATE	576	33,9	0,4857	0,2567	0,3533	0,8530	2,5019	1,6629	5,88%	6,71%		1,26%	21,52%
DIETHYL DISULFIDE	642	38,7	0,3469	0,2695	0,5475	-0,6196	2,0694	3,6899	2,30%	2,62%	2,59%	2,67%	17,40%
DIETHYL ETHER	466,7	36,4	0,2811	0,2641	0,9137	0,8449	0,7998	0,8388	1,26%	2,01%	4,75%	1,47%	16,74%
DIETHYL MALEATE	680	26,1	0,6658	0,2614	0,7521	0,9127	1,7721	-9,5014	0,42%			3,12%	32,95%
DIETHYL MALONATE	653	27,8	0,6155	0,2519	1,3575	1,0000	0,8830	7,0705	0,63%			2,37%	26,50%
DIETHYL PHTHALATE	776	22,6	0,6249	0,2410	0,2833	0,8189	3,1361	29,2771	1,29%	2,69%		1,67%	23,30%
DIETHYL SUCCINATE	663	25,3	0,6995	0,2525	0,3418	0,8230	3,0472	5,7045	4,89%	3,58%	3,89%	2,68%	17,04%
DIETHYL SULFATE	749	64,8	0,3865	0,3829	1,1698	1,0000	0,7735	-81,1483	0,58%		1,63%	11,75%	5,38%
DIETHYL SULFIDE	557,15	39,6	0,2900	0,2665	0,6618	0,8320	1,0597	-1,1574	0,96%	2,61%	0,71%	1,33%	13,44%
DIETHYLALUMINUM CHLORIDE	723,15	30	0,3177		1,5638	1,0000	0,5073		1,15%	2,00%			
DIETHYLAMINE	496,6	37,1	0,3039	0,2611	1,0623	0,9023	0,7363	2,6822	0,47%	2,44%	0,61%	1,72%	12,77%
DIETHYLENE GLYCOL	744,6	46	0,6221	0,2291	0,2641	0,8150	3,2231	20,2178	2,31%			3,48%	26,12%
DIETHYLENE GLYCOL DIETHYL ETHER	624	23,7	0,6807	0,2550	0,4501	0,8369	2,5647	-0,1768	0,59%	1,61%		2,45%	20,63%
DIETHYLENE GLYCOL DIMETHYL ETHER	608	28,6	0,5775	0,2553	0,3217	0,8326	2,8529	3,4440	0,26%	0,47%		2,93%	27,94%
DIETHYLENE GLYCOL DI-n-BUTYL ETHER	680	17,6	0,8455	0,2499	0,6358	0,8593	2,4070	3,0320	3,90%			4,00%	22,60%
DIETHYLENE GLYCOL ETHYL ETHER ACETATE	660	24,2	0,7145	0,2490	0,7080	0,8953	1,9520	7,9192	1,50%	3,00%		2,45%	21,97%
DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	679	20,6	0,8420	0,2487	0,4196	0,8221	3,0660	6,0897	1,74%		1,95%	3,07%	22,63%
DIETHYLENE GLYCOL MONOPROPYL ETHER	679,8	30,02	0,6114	0,2609	0,2802	0,8205	3,0996	-4,1549	1,07%	2,22%	6,94%	3,19%	19,21%
DIETHYLSULFITE	624	37,7	0,5065	0,2758	0,4407	0,8661	2,2449	-15,8930	0,29%	3,24%		3,22%	17,68%
DIFLUOROMETHANE	351,255	57,84	0,2771	0,2440	0,2968	0,8542	1,9991	7,2560	0,42%	1,87%	0,80%	2,65%	20,29%
DIFLUOROMETHYL TRIFLUOROMETHYL ETHER	354,49	33,76	0,3253	0,2642	0,4436	0,8304	1,5745	-2,1138	0,63%	1,64%	3,37%	2,01%	27,59%
DIGLYCOLIC ACID	820	44,2	1,0807		0,4660	0,8090	3,3675		0,57%	0,99%			
DIHEXYL ADIPATE	767	13,2	1,0935	0,2422	0,6460	0,8091	2,6442	18,2850	1,73%	1,49%	4,91%	4,89%	39,70%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
DIIODOMETHANE	747	54,7	0,1405	0,2379	0,0508	0,7806	2,0461	24,5608	1,06%	2,72%	4,47%	6,51%	19,29%
DIISOBUTYL ETHER	562	25,3	0,4243	0,2703	0,2667	0,8183	2,4737	-11,9423	0,27%	4,47%	0,71%	1,95%	19,03%
DIISOBUTYL KETONE	615	24,8	0,5116	0,2581	0,3114	0,8393	2,7303	-1,2414	2,66%	2,97%		1,35%	21,66%
DIISOBUTYL PHTHALATE	762	17,8	0,9158	0,2503	0,6180	0,8176	2,4080	1,2277	0,88%	1,43%		4,25%	22,66%
DIISOBUTYLAMINE	580	25,7	0,4854	0,2689	1,1536	1,0000	0,9089	-12,3569	0,69%			1,78%	12,44%
DIISONONYL PHTHALATE	835	10,8	1,0312		0,6284	0,8167	2,6093		1,19%	1,24%	1,54%		
DIISOCTYL PHTHALATE	851	11,8	1,0880	0,2367	0,6976	0,8141	2,4790	45,7252	1,21%	1,75%	1,04%	4,91%	26,59%
DIISOPENTYLSULFIDE	664,4	21,81	0,5971	0,2580	0,4902	0,8301	2,1524	-3,0414	0,55%			2,49%	21,00%
DIISOPROPYL ETHER	500,05	28,8	0,3387	0,2699	1,2730	1,0000	0,6465	-6,1126	0,87%	3,92%	0,53%	1,19%	16,55%
DIISOPROPYL KETONE	576	30,2	0,4044	0,2630	1,0546	1,0000	0,9023	-2,2526	1,52%	1,40%		1,32%	17,72%
DIISOPROPYL SULFIDE	585,2	32,25	0,3144	0,2782	0,2025	0,8443	2,6103	-14,5108	0,88%	2,51%	0,40%	1,89%	15,25%
DIKETENE	616	59,6	0,3821		1,4817	1,0000	0,5843		1,46%		1,05%		
DILACTIC ACID	660	34,8	0,9068		0,5472	0,8186	2,6426		0,33%	0,43%	2,54%		
DIMERCAPTOETHYL ETHER	720	36,9	0,4193	0,2454	0,7718	0,8629	1,1975	17,4319	0,83%	1,31%		1,72%	27,32%
DIMETHYL CARBONATE	548	45	0,3846	0,2490	0,3088	0,8588	2,4135	8,1244	0,71%	2,20%		1,85%	20,77%
DIMETHYL DISULFIDE	615	53,6	0,2059	0,2756	0,6400	0,8173	0,9152	-4,7632	0,64%	1,25%	0,69%	1,42%	18,26%
DIMETHYL ETHER	400,1	53,7	0,2002	0,2736	0,6020	0,8484	0,9760	-2,1955	1,31%	2,99%	0,77%	1,20%	13,31%
DIMETHYL MALEATE	675	32,2	0,5624	0,2391	0,3660	0,8146	2,4540	21,0954	0,47%	1,89%	2,01%	1,38%	27,71%
DIMETHYL PHTHALATE	766	27,8	0,6568	0,2443	1,2643	0,9998	1,0064	17,8593	0,68%			2,10%	29,51%
DIMETHYL SILANE	402	35,6	0,1300	0,2704	0,1636	0,8732	2,2150	0,0099	2,80%	1,85%		1,30%	11,86%
DIMETHYL SUCCINATE	657	32,8	0,6223	0,2505	0,5841	0,8819	2,1054	5,7913	2,95%			1,41%	19,38%
DIMETHYL SULFIDE	503,04	55,3	0,1943	0,2662	0,2563	0,8341	1,7208	0,4452	1,05%	2,41%	1,30%	2,38%	15,45%
DIMETHYL SULFOXIDE	729	56,5	0,2806	0,2353	1,3438	1,0000	0,5655	22,0116	3,22%	2,33%	0,69%	2,99%	35,58%
DIMETHYL TEREPHTHALATE	777,4	27,6	0,5807	0,2358	0,4147	0,8507	2,5160	30,7165	0,36%			1,69%	30,28%
DIMETHYL-1,4-CYCLOHEXANEDICARBOXYLATE	736	24,9	0,6412	0,2420	0,2910	0,8190	3,1334	20,0964	1,00%	1,49%	6,73%	1,18%	29,24%
DIMETHYL-2,6-NAPHTHALENEDICARBOXYLATE	883	24,85	0,6853		0,3269	0,8182	3,0641		0,30%	1,02%			
DIMETHYLACETYLENE	473,2	48,7	0,2385	0,2648	0,5053	0,8287	1,1969	1,0656	0,27%	1,32%	0,24%	1,79%	11,89%
DIMETHYLALUMINUM CHLORIDE	619	36,2	0,1834	0,2253	0,0000	0,3499	0,8754	42,0220	1,95%			6,64%	23,44%
DIMETHYLAMINE	437,2	53,4	0,2999	0,2611	0,9960	0,7757	0,7533	0,8950	1,92%	2,85%	2,41%	2,93%	15,76%
DIMETHYLCHLOROSILANE	472	36,2	0,2526	0,2677	0,4770	0,9247	1,5369	-2,6073	1,34%	2,04%		1,41%	12,33%
DIMETHYLDICHLOROSILANE	520,35	34,9	0,2675	0,2756	1,3160	1,0000	0,5521	-6,9354	0,26%	0,72%	3,74%	1,37%	8,38%
DIMETHYLDIMETHOXYSILANE	524	26,6	0,2629	0,2495	0,0000	0,2940	0,9297	18,4455	1,46%			4,29%	9,99%
DIMETHYLETHANOLAMINE	571,82	41,4	0,7110	0,2612	0,5531	0,8113	2,1534	-5,2996	0,92%	1,03%		2,58%	19,44%
DIMETHYLKETENE	470,2	42,35	0,3112		0,5875	0,9366	1,4159		0,57%		7,30%		
DI-n-BUTYL ETHER	584,1	24,6	0,4476	0,2586	0,4528	0,8149	1,8238	1,8905	0,51%	1,42%	1,12%	1,77%	24,22%
DI-n-BUTYL PHTHALATE	781	17,5	0,9569	0,2466	0,6494	0,8508	2,5372	7,6732	1,87%			5,04%	33,92%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
DI-n-BUTYL SULFATE	814	60	0,3651	0,4635	0,4329	0,7809	1,5602	-168,9007	0,52%		3,60%	18,50%	15,33%
DI-n-BUTYL SULFIDE	652	25,79	0,4665	0,2560	0,9777	0,9710	1,0710	3,7394	0,66%		1,58%	24,02%	
DI-n-BUTYL SULFONE	767	25,4	0,6877	0,2416	0,5841	0,8155	2,0251	21,8039	0,59%	0,95%	1,53%	31,81%	
DI-n-BUTYLLAMINE	602,3	25,7	0,5296	0,2618	0,2751	0,8300	2,9028	-5,1290	3,50%	2,15%	2,01%	1,74%	17,99%
DI-n-DECYL PHTHALATE	905	9,95	0,8906	0,2194	0,4725	0,8242	2,9614	131,6393	1,10%	2,75%	1,94%	48,18%	
DI-n-HEXYL ETHER	658	18,16	0,7105	0,2486	0,5793	0,8037	2,0486	9,8182	0,48%	1,29%	2,01%	2,07%	31,27%
DI-n-HEXYL PHTHALATE	793	14	1,1245	0,2377	0,9394	0,8412	1,9772	22,8279	0,53%	0,63%	1,42%	3,51%	34,42%
DI-n-NONYL PHTHALATE	866	10,7	0,9961	0,2434	0,6061	0,7149	2,3262	35,5619	3,41%		5,61%	7,23%	48,40%
DI-n-OCTYL ETHER	707	14,4	0,9336	0,2423	0,5295	0,8067	2,7115	17,4400	0,57%	1,23%	1,47%	2,50%	35,98%
DI-n-OCTYL TEREPHTHALATE	855	11,6	1,0895	0,2342	0,6724	0,8084	2,5534	56,6243	1,14%	1,77%	0,75%	3,36%	26,89%
DI-n-OCTYLAMINE	734	12,6	0,8187	0,2256	0,7506	0,8520	1,9446	85,8266	0,19%			1,69%	28,42%
DINONYL ETHER	736	13	1,0021	0,2426	0,5557	0,8183	2,8189	19,6338	0,47%			3,54%	39,94%
DINONYLPHENOL	902	12,4	1,1246		0,5229	0,8147	3,2301		0,71%	1,35%			
DI-n-PENTYL ETHER	622	20,9	0,6012	0,2534	0,3230	0,8300	2,9032	3,9977	1,02%	6,51%	2,62%	2,09%	27,60%
DI-n-PROPYL DISULFIDE	675	30,3	0,4370	0,2649	0,4925	0,8207	1,6832	-4,5118	1,02%	2,58%	1,80%	2,55%	23,95%
DI-n-PROPYL ETHER	530,6	30,28	0,3688	0,2652	0,2793	0,8428	2,3806	-3,9336	1,00%	2,58%	2,97%	1,45%	18,27%
DI-n-PROPYL SULFIDE	608	30,8	0,3740	0,2600	0,2984	0,8338	2,2462	1,8904	1,06%	2,54%	1,21%	1,54%	22,00%
DI-n-PROPYL SULFONE	763	31,1	0,5821	0,2415	0,9953	0,8872	1,1727	21,4609	0,30%	0,35%		1,41%	30,80%
DI-n-PROPYLAMINE	550	31,4	0,4497	0,2689	0,2676	0,8390	2,7346	-8,8980	1,43%	1,13%	2,17%	1,51%	13,58%
DIPHENYL DISULFIDE	829,8	35,69	0,5697		0,1552	0,6883	2,5166		0,38%				
DIPHENYL ETHER	766,8	30,8	0,4389	0,2557	0,4108	0,8741	2,2038	7,1589	0,81%	1,92%		1,62%	25,08%
DIPHENYLACETYLENE	832	29	0,3836		0,8124	0,8724	1,0866		0,60%	1,24%			
DIPHENYLAMINE	817	31,8	0,5297	0,2493	0,3500	0,8451	2,6287	13,3668	0,36%	1,05%		1,38%	19,35%
DIPHENYLDICHLOROSILANE	814	23,3	0,4283	0,2423	1,8802	1,0000	0,4888	34,9370	1,57%		1,88%	2,49%	27,30%
DIPHENYLMETHANE	760	27,1	0,4816	0,2424	0,2647	0,8336	2,8350	26,0760	0,46%	0,67%		1,39%	22,68%
DIPROPYL MALEATE	691	22	0,7815	0,2468	0,3920	0,8170	3,0084	10,3533	0,72%	1,53%		2,48%	29,06%
DIPROPYLENE GLYCOL n-BUTYL ETHER	647,1	20,96	1,0022	0,2563	0,6608	0,8465	2,6063	-12,6706	3,73%			5,26%	21,29%
DIPROPYLENE GLYCOL t-BUTYL ETHER	667	22,3	0,9966		0,5322	0,8079	2,8506		0,82%	1,60%	2,23%		
DI-sec-BUTYL ETHER	559	25,3	0,4319	0,2687	0,3206	0,8369	2,3740	-10,3799	1,85%	2,23%	2,25%	2,05%	16,42%
DISILANE	432	51,3	0,0939	0,3179	0,1252	0,8736	2,2094	-24,2942	0,74%	2,94%		1,35%	7,41%
DI-t-BUTYL PEROXIDE	547	24,8	0,4031	0,2794	0,2182	0,8315	2,7892	-23,3983	0,74%	1,65%		1,33%	15,58%
DI-tert-BUTYL DISULFIDE	689,7	31,59	0,4020		0,3281	0,8606	2,3873		0,40%				
DI-tert-BUTYL ETHER	550	23,23	0,2985	0,2555	1,5488	1,0000	0,4964	11,4707	1,53%	1,39%		2,24%	21,90%
DI-tert-BUTYL SULFIDE	623,2	25,91	0,3008		1,2943	0,9995	0,6025		0,60%	1,71%			
DIVINYL ETHER	463	42,5	0,2911		0,2084	0,8509	2,5343		1,02%	2,12%			
DODECAMETHYLCYCLOHEXASILOXANE	645,8	9,005	0,7095	0,2488	1,5116	1,0000	0,8621	24,9833	0,29%	1,04%		1,61%	22,16%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
DODECAMETHYLPENTASILOXANE	628,4	9,45	0,7202	0,2560	1,1281	0,8621	1,1911	1,1205	0,80%	1,10%		3,96%	21,32%
DODECANAL	705,1	23,2	0,6808		1,2632	0,9982	1,0395		0,62%	1,82%			
DODECANEDIOIC ACID	847	21,5	1,0418		0,5025	0,8139	3,1141		1,24%				
EICOSAMETHYLNONASILOXANE	707,2	5,75	1,0500	0,2430	0,8761	0,8057	1,9589	39,5104	0,91%	1,43%		4,46%	27,21%
epsilon-CAPROLACTAM	818,2	46,21	0,3850	0,2504	1,7563	1,0000	0,4968	13,1771	1,06%	1,41%	0,78%	1,33%	16,23%
ERUCIC ACID	809,9	10,21	1,2417	0,2247	0,6742	0,8300	2,9039	101,5677	0,75%			4,39%	24,25%
ETHANE	305,32	48,72	0,0995	0,2817	0,3041	0,8694	1,3340	-3,6754	0,41%	1,30%	7,25%	1,18%	12,61%
ETHANESULFONYL CHLORIDE	682	47,4	0,3688	0,2541	0,2795	0,8544	2,4802	6,8643	1,08%			1,45%	18,71%
ETHANOL	514	61,37	0,6436	0,2377	0,7770	0,9043	1,6691	5,9029	2,60%	1,42%	2,28%	2,62%	23,91%
ETHYL ACETATE	523,3	38,8	0,3664	0,2549	1,0052	0,9200	0,8735	5,7372	0,92%	1,71%	0,36%	1,45%	18,52%
ETHYL ACETOACETATE	642,9	32,7	0,5552	0,2461	0,4454	0,8406	2,2484	11,7107	0,50%			1,32%	19,70%
ETHYL ACRYLATE	553	36,8	0,3718	0,2549	1,1573	1,0000	0,7703	5,5212	1,02%	1,06%		1,82%	17,20%
ETHYL ALUMINUM DICHLORIDE	646,05	18,6	0,5338	0,1451	0,5960	0,8172	1,6742	183,0391	0,52%	3,54%		22,33%	130,30%
ETHYL BENZOATE	698	31,8	0,4771	0,2573	0,9128	0,9832	1,1851	4,4801	1,49%	0,68%		2,27%	13,81%
ETHYL CAPRATE	688,1	17,88	0,6253	0,2427	1,8214	1,0000	0,6411	30,7178	0,70%	1,15%		1,50%	22,79%
ETHYL CAPRYLATE	649	21,18	0,6114	0,2503	0,6941	0,8332	1,6478	11,0468	0,65%	1,54%		1,90%	21,02%
ETHYL CHLORIDE	460,35	52,7	0,1886	0,2662	0,3689	0,8252	1,3384	1,0436	0,39%	2,87%	1,37%	1,55%	15,74%
ETHYL CHLOROFORMATE	508,15	45	0,8350	0,2806	0,6293	0,8162	2,2036	-17,6458	0,53%	0,69%		4,31%	11,77%
ETHYL CYANOACETATE	679	33,4	0,5584	0,2184	0,7132	0,8321	1,5057	41,5131	0,22%			4,10%	33,54%
ETHYL ERUCATE	808,2	8,817	1,1236		0,6240	0,8316	2,8717		0,61%				
ETHYL FLUORIDE	375,31	50,28	0,2179	0,2607	0,4165	0,8751	1,4524	2,5788	0,50%	2,14%	1,81%	1,75%	18,37%
ETHYL FORMATE	508,4	47,4	0,2847	0,2579	1,0861	0,9039	0,6935	4,4451	0,82%	1,61%	0,68%	1,97%	17,77%
ETHYL HYDROGEN SULFATE	857	89,8	0,4939		1,2498	0,9860	0,8408		0,68%	0,52%			
ETHYL HYDROPEROXIDE	560	65,81	0,4656		1,6402	1,0000	0,5984		0,94%	0,98%			
ETHYL IODIDE	554	47,11	0,1674	0,2501	1,0063	1,0000	0,6187	12,4872	2,16%	1,35%		3,38%	17,10%
ETHYL ISOAMYL KETONE	617	27,27	0,4242	0,2568	0,1410	0,7159	2,3156	6,5935	0,47%			1,32%	18,36%
ETHYL ISOBUTYL ETHER	519,2	30,41	0,3552	0,2719	1,1689	1,0000	0,7421	-8,9089	0,63%	1,09%		1,67%	15,36%
ETHYL ISOBUTYRATE	553,15	30,4	0,4264	0,2634	0,3068	0,8260	2,3377	-1,3591	0,37%	3,65%	0,76%	1,96%	13,76%
ETHYL ISOPROPYL ETHER	489	34,1	0,3056	0,2793	1,1995	0,9810	0,6562	-11,2014	0,87%	2,19%	0,64%	2,56%	14,81%
ETHYL ISOPROPYL KETONE	567	33,2	0,3891	0,2659	1,1295	1,0000	0,8123	-1,5244	1,12%	0,42%		2,48%	18,71%
ETHYL ISOVALERATE	587,95	28,4	0,4000	0,2636	1,4402	1,0000	0,6255	-1,3388	2,58%	4,46%	0,76%	1,91%	20,01%
ETHYL LACTATE	606,95	37,4006	0,6032	0,2601	0,3634	0,8379	2,7556	-3,0179	0,48%			2,01%	18,02%
ETHYL LAURATE	716,3	15,29	0,6992	0,2358	0,2339	0,7072	2,6944	51,6999	0,38%			1,46%	24,66%
ETHYL LEVULINATE	666,1	29,24	0,6071	0,2463	0,3501	0,8346	2,8156	13,1006	0,30%			1,78%	21,87%
ETHYL LINOLEATE	777,8	11,27	0,9443	0,2300	0,7308	0,8599	2,2459	85,7695	0,50%			4,78%	20,73%
ETHYL LINOLENATE	779,8	11,5	0,9334	0,2313	0,6198	0,8146	2,4268	83,0256	0,64%	1,75%		4,06%	18,71%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
ETHYL MERCAPTAN	499,15	54,9	0,1878	0,2699	0,6890	0,8455	0,8462	-0,7942	0,44%	1,92%	1,22%	1,52%	12,64%
ETHYL METHACRYLATE	577	32,5	0,3432	0,2505	0,4879	0,8125	1,4591	10,8937	0,38%	1,40%		3,18%	18,10%
ETHYL METHYL DISULFIDE	628,9	46,15	0,3010		0,3039	0,8743	2,2012		0,38%				
ETHYL MYRISTATE	738,7	13,23	0,7642	0,2296	1,8670	1,0000	0,7133	75,7691	0,73%	1,36%		1,54%	26,29%
ETHYL n-BUTYRATE	571	29,5	0,4011	0,2503	0,2925	0,8370	2,3952	11,7841	0,45%	3,07%		1,43%	19,83%
ETHYL n-HEXYL ETHER	583	24,6	0,4944	0,2576	0,4995	0,7980	1,7611	1,6514	0,67%	2,17%	0,67%	1,76%	24,04%
ETHYL n-OCTYL SULFIDE	700	24	0,5346	0,2725	0,2895	0,8318	2,8692	-19,8829	1,81%	1,35%		3,55%	9,20%
ETHYL n-PENTYL SULFIDE	633,2	27,97	0,4349		1,2262	0,9951	0,7926		0,63%	1,37%			
ETHYL OLEATE	772,1	10,98	0,9426	0,2245	0,6218	0,8481	2,5795	98,4175	0,58%			2,86%	29,68%
ETHYL PHENYL ACETATE	702,1	28,53	0,5251	0,2525	0,7299	0,8539	1,4487	8,5486	0,51%	1,47%		1,66%	20,01%
ETHYL PROPIONATE	546	33,62	0,3944	0,2539	0,5168	0,8085	1,5128	7,2820	0,64%	1,92%	0,31%	1,34%	18,20%
ETHYL PROPYL DISULFIDE	660	36,12	0,3910	0,2746	0,2965	0,8538	2,4624	-13,8892	0,38%			2,59%	15,33%
ETHYL PROPYL SULFIDE	583,9	34,46	0,3331	0,2655	0,3716	0,8455	1,8703	-1,9883	1,20%	2,31%		1,71%	16,33%
ETHYL STEARATE	777,9	10,19	0,8985	0,2179	0,7954	0,7754	1,8341	140,2956	0,81%	1,11%		1,73%	31,22%
ETHYL t-BUTYL SULFIDE	588	31,3	0,2861	0,2689	0,2056	0,8160	2,2183	-4,7262	0,28%	1,45%	0,21%	1,28%	17,69%
ETHYL TERT-BUTYL DISULFIDE	659,9	30,76	0,3471	0,2695	0,8691	0,9408	0,9968	-7,9814	0,59%	1,35%		1,61%	15,65%
ETHYL tert-PENTYL ETHER	546	27,4	0,3382	0,2654	1,2874	1,0000	0,6418	-1,7431	0,82%	1,94%	3,89%	1,25%	13,06%
ETHYL THIOLACETATE	590,55	40,75	0,3098	0,2641	1,1276	1,0000	0,7163	0,3117	0,53%	0,88%		1,29%	16,01%
ETHYL VANILLIN	748	32,7	1,0728		0,4974	0,8093	3,1919		0,50%	0,74%			
ETHYL VINYL ETHER	475,15	40,7	0,2665	0,2698	0,4583	0,8394	1,3934	-1,9761	0,72%	1,32%		1,55%	14,20%
ETHYL-3-ETHOXYPROPIONATE	621	26,6	0,4975	0,2564	0,4970	0,7967	1,7717	6,2031	0,53%	1,70%	0,44%	2,66%	28,93%
ETHYLACETYLENE	440	46	0,2470	0,2703	1,3229	1,0000	0,5247	-2,0900	0,98%	2,07%	0,61%	1,29%	18,54%
ETHYLAL	524	32,8	0,4297	0,2661	0,2128	0,8306	2,8912	-5,4491	2,64%	5,99%	1,12%	1,14%	18,56%
ETHYLAMINE	456,15	56,2	0,2848	0,2664	0,6667	0,7694	1,0012	0,2792	0,22%	1,34%	1,29%	1,00%	0,08%
ETHYLBENZENE	617,15	36,09	0,3035	0,2620	0,4990	0,8222	1,3543	2,7030	0,81%	0,88%	0,49%	1,41%	16,14%
ETHYLBENZENE HYDROPEROXIDE	737	37,9	0,8130	0,2573	0,8093	0,8375	1,7711	-5,0889	1,30%	1,03%	2,86%	2,94%	20,70%
ETHYLCHLOROACETATE	618	37,9	0,3932	0,2480	1,2938	1,0000	0,7016	12,5741	0,73%	0,84%		1,77%	23,60%
ETHYLCYCLOHEXANE	609,15	30,4	0,2455	0,2590	1,2811	1,0000	0,5523	8,1470	1,25%	0,99%	0,89%	1,87%	17,21%
ETHYLCYCLOPENTANE	569,5	34	0,2701	0,2668	0,8506	0,8661	0,8421	-1,3241	1,14%	1,55%	1,31%	1,52%	14,51%
ETHYLENE	282,34	50,41	0,0862	0,2825	0,2506	0,8535	1,3897	-3,2910	0,29%	1,25%	3,15%	1,10%	11,79%
ETHYLENE CARBONATE	806	67,7	0,4423	0,2235	0,4728	0,8909	2,0007	21,1394	4,33%	4,69%		5,02%	46,71%
ETHYLENE GLYCOL	720	82	0,5068	0,2383	1,5389	1,0000	0,6793	8,3724	2,47%	1,53%	4,43%	4,23%	13,11%
ETHYLENE GLYCOL DIACETATE	653	30,9	0,5595	0,2456	0,3083	0,8305	2,8940	13,9472	4,91%	1,76%		1,52%	26,48%
ETHYLENE GLYCOL DIACRYLATE	689	27	0,6618	0,2441	0,9868	0,9625	1,3470	16,2182	0,50%			2,01%	22,78%
ETHYLENE GLYCOL DINITRATE	654	40,4	0,7904	0,2500	0,7107	0,8471	1,9785	4,2455	0,42%	0,57%		2,94%	13,12%
ETHYLENE OXIDE	469,15	71,9	0,1974	0,2565	0,6207	0,8594	0,9605	4,1322	0,24%	1,69%	0,59%	2,99%	15,93%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
ETHYLENEDIAMINE	593	62,9	0,4724	0,2546	0,2359	0,8296	2,9106	2,3435	2,93%	4,23%	1,52%	1,70%	9,62%
ETHYLENEIMINE	537	68,5	0,2007	0,2385	0,9526	0,2990	0,6035	12,6922	1,17%	2,39%	6,53%	8,48%	
ETHYLIDENE DIACETATE	627	31,4	0,5263	0,2537	1,3507	0,9993	0,8004	4,9029	0,91%	1,02%	2,44%	1,13%	21,50%
ETHYLNORBORNENE	625	30,6	0,2605	0,2571	0,7447	0,8889	0,9618	10,4295	0,78%	1,83%	1,55%	17,07%	
ETHYLTRICHLOROSILANE	559,95	33,3	0,2698	0,2800	1,2855	1,0000	0,5744	-11,0597	0,79%	1,02%	3,19%	9,39%	
ETHYNYLBENZENE	650	42,8	0,2264	0,2720	0,3910	0,7867	1,3031	-2,6234	0,42%	2,14%	2,20%	1,57%	17,70%
FLUORANTHENE	905	26,1	0,5875		0,6418	0,9051	1,8482		5,21%	4,87%			
FLUORENE	826	30	0,4042		0,6058	0,8148	1,3732		0,32%	1,17%	0,02%		
FLUORINE	144,12	51,724	0,0530	0,2876	0,3881	0,8851	0,9838	-2,3318	0,19%	1,59%	0,66%	1,24%	10,52%
FLUOROBENZENE	560,09	45,5051	0,2472	0,2654	0,6321	0,8681	1,0687	0,2844	0,60%	1,84%	1,59%	16,84%	
FORMALDEHYDE	420	65,9	0,1679	0,2068	1,2820	1,0000	0,4646	19,9111	0,58%	1,23%	13,21%	68,02%	
FORMAMIDE	771	78	0,4124	0,1913	0,9585	0,9283	0,9909	35,7512	0,50%	2,75%	10,47%	33,06%	
FORMANILIDE	787	41,1	0,5449		0,6214	0,8238	1,6539		0,63%	1,13%			
FORMIC ACID	588	58,1	0,3125	0,1673	0,2201	0,8517	2,5227	47,9845	1,94%		2,48%	16,38%	68,54%
FUMARIC ACID	771	49,8	0,9885		0,3492	0,7969	3,6944		0,88%	1,76%	0,53%		
FUMARONITRILE	657	37,3	0,5566	0,1984	0,3494	0,7980	2,4066	55,6837	0,50%	2,52%	3,38%	4,91%	37,46%
FURAN	490,15	55	0,2015	0,2698	0,9942	0,8696	0,6401	-0,6332	0,45%	0,83%	0,31%	1,44%	4,77%
FURAN 2,5-DICARBOXYLIC ACID	894,5	44,66	1,0134		0,4812	0,8169	3,1793		0,61%				
FURFURAL	670,15	56,6	0,3678	0,2633	0,5794	0,8397	1,3784	-0,1773	0,72%	1,23%	0,52%	1,44%	20,16%
FURFURYL ALCOHOL	632	53,5	0,7341	0,2581	0,4773	0,8322	2,5618	-5,0498	0,88%		1,33%	1,21%	16,72%
GALLIUM TRICHLORIDE	694	38,2	0,4577	0,1996	0,5536	0,9062	1,8371	55,6455	2,30%			6,21%	55,40%
gamma-BUTYROLACTONE	731	51,3	0,3603		0,5672	0,8553	1,4209		1,31%		0,92%		
gamma-TERPINENE	661	28	0,3762	0,2621	0,7752	0,8297	1,0867	2,5011	0,55%	1,99%	0,05%	1,94%	22,88%
gamma-VALEROLACTONE	727	48,4	0,4030	0,2547	0,4138	0,8823	2,1003	6,1503	1,23%	2,01%		2,29%	35,40%
GERMANIUM TETRACHLORIDE	550	38,504	0,2411	0,2760	0,2688	0,8331	1,8701	-7,2761	2,10%	4,16%	0,87%	1,17%	15,64%
GERMANIUM TETRAFLUORIDE	352	46,04	0,2231	0,2627	0,2422	0,7999	1,7408	2,0189	0,90%	2,87%		1,75%	15,80%
GERMANIUM TETRAHYDRIDE	308	55,5	0,1506	0,3025	0,4179	0,9579	1,3829	-11,0988	4,37%			1,33%	9,24%
GLUTARALDEHYDE	660	35,9	0,5373	0,2267	0,6368	0,8039	1,5646	32,4066	0,53%	2,37%	0,92%	1,97%	26,07%
GLUTARIC ACID	840	42,7	0,7526	0,2273	1,7646	1,0000	0,7524	27,8632	0,75%	1,61%	1,79%	1,89%	24,65%
GLUTARIC ANHYDRIDE	838	58	0,5372	0,2556	0,5117	0,8810	2,1169	2,2350	1,81%	2,65%		2,43%	33,47%
GLUTARONITRILE	782	31,5	0,6033	0,1852	0,4755	0,8630	2,3539	88,3300	4,44%	7,16%	3,51%	8,93%	55,16%
GLYCERYL TRIACETATE	701,4	23,33	0,8758	0,2460	0,4708	0,8127	2,8568	7,5873	0,74%	1,51%		2,18%	21,93%
GLYCINE	1021	67,4	0,6860		0,5248	0,8076	2,1706		0,56%	1,77%			
GLYCOL ALDEHYDE	609,3	66,44	0,7684		0,3162	0,8037	3,2651		0,50%	2,71%			
GLYCOLIC ACID	616	73,1	1,0592		0,4464	0,8076	3,4036		0,47%	0,31%			
HALOTHANE	496	39,2	0,2750	0,2751	0,1653	0,8452	2,6271	-6,2739	3,71%	2,16%	0,31%	1,54%	11,37%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
HEPTAFLUOROPROPYL METHYL ETHER	437,7	24,81	0,4035	0,2584	1,1131	0,9758	0,8420	3,4261	0,62%	1,45%		1,40%	18,38%
HEPTANAL	620	31,6	0,4058	0,2607	0,3894	0,8596	2,1085	1,5328	0,48%	2,42%		1,56%	15,19%
HEXACHLOROBENZENE	825	28,5	0,4971		0,3261	0,0001	0,9168		2,24%				
HEXACHLOROCYCLOPENTADIENE	746	30,1	0,3834	0,2540	0,7766	0,8821	1,1416	11,7956	0,53%	1,31%		1,27%	18,18%
HEXACHLOROETHANE	695	33,4	0,2386		0,2205	0,7035	1,4742		0,40%	2,72%			
HEXADECOSAMETHYLDODECASILOXANE	751,3	4,7	1,3096	0,2464	0,6444	0,8197	3,1173	-11,1598	0,74%			6,53%	25,28%
HEXADECAMETHYLCYCLOCLOCTASILOXANE	689,2	6,92	0,8826	0,2445	0,4867	0,8112	2,7938	37,8779	0,63%	1,51%		2,19%	26,65%
HEXADECAMETHYLHEPTASILOXANE	671,8	6,7685	0,8864	0,2407	1,5532	1,0000	0,9706	62,4423	1,43%	1,35%		3,28%	24,34%
HEXAETHYLBENZENE	746	17,3	0,7534	0,2526	0,9872	0,9467	1,4719	4,6695	0,93%	2,49%	1,09%	1,33%	18,90%
HEXAFLUORO-1,3-BUTADIENE	409,9	31,31	0,3510	0,2645	1,5047	1,0000	0,5572	-0,8777	1,52%	1,39%		1,31%	17,30%
HEXAFLUOROACETONE	357,14	28,371	0,3636	0,2652	0,1103	0,8170	3,1769	-1,8817	0,72%	4,55%	1,53%	1,50%	1,64%
HEXAFLUOROBENZENE	516,73	32,728	0,3953	0,2546	0,2073	0,8334	2,8374	6,0003	0,32%	2,73%	0,64%	1,54%	18,67%
HEXAFLUOROETHANE	293,03	30,43	0,2549	0,2778	0,3898	0,8321	1,5057	-6,6994	0,33%	2,42%	1,18%	1,06%	12,87%
HEXAMETHYLBENZENE	758	27,7	0,4956	0,2475	1,1175	1,0000	0,9665	15,0911	1,05%	2,28%	0,85%	2,07%	15,40%
HEXAMETHYLCYCLOTRILOXANE	554,2	17,8	0,4962	0,2673	2,0029	1,0000	0,4938	-13,3221	1,22%	1,21%		0,87%	16,92%
HEXAMETHYLDISILAZANE	544	19,2	0,5101	0,2598	0,4274	0,8651	2,3238	-2,1684	0,99%	2,19%		0,88%	18,49%
HEXAMETHYLDISILOXANE	519	19,2	0,4142	0,2672	0,2165	0,8215	2,7335	-9,1443	1,26%	3,50%	0,47%	1,25%	14,57%
HEXAMETHYLENEIMINE	624	42,7	0,3454	0,2757	0,2221	0,8455	2,6233	-9,7256	1,74%	3,47%		1,52%	6,16%
HEXAMETHYLETETRAMINE	837	36,8	0,2994		0,1579	0,8376	2,7608		0,39%	2,20%			
HEXANAL	594	34,6	0,3618	0,2606	0,7324	0,8940	1,1802	2,6937	0,60%	1,30%		1,34%	15,37%
HEXANENITRILE	633,8	33	0,4343	0,2447	0,3839	0,8684	2,2788	17,1652	0,36%	6,58%		1,50%	21,15%
HMX	1030	25	1,1318		0,5144	0,8129	3,2728		0,57%				
HYDRAZOBENZENE	939	30,9	0,6718	0,2311	0,5231	0,8122	2,1596	42,6157	0,61%	1,12%		1,34%	22,55%
HYDROGEN BROMIDE	363,15	85,52	0,0734	0,2832	0,8756	1,0000	0,5489	-2,7161	1,43%	1,24%	0,26%	1,67%	11,25%
HYDROGEN CHLORIDE	324,65	83,1	0,1315	0,2677	0,1704	0,8783	2,1502	0,8064	0,96%	1,82%	1,38%	1,34%	22,28%
HYDROGEN CYANIDE	457	54	0,4043	0,1917	0,5467	0,9178	1,7240	31,3475	3,36%			6,04%	37,00%
HYDROGEN IODIDE	423,85	83,1	0,0381	0,2883	0,7883	0,9215	0,5159	-4,2880	0,69%	1,14%	0,60%	1,74%	10,46%
HYDROGEN PEROXIDE	730,15	217	0,3582	0,2685	0,4006	0,8697	1,9445	-0,8643	0,24%	1,15%		1,82%	11,79%
HYDROGEN SELENIDE	411,15	89,2	0,0542	0,2876	0,0554	0,8613	2,3770	-3,7756	1,16%	3,78%		1,56%	1,32%
HYDROGEN SULFIDE	373,53	89,6291	0,0942	0,2825	0,1122	0,8688	2,2734	-2,5075	0,57%	1,44%	9,75%	1,19%	10,68%
HYDROXYACETONITRILE	664	59,3	0,8007	0,2097	1,0049	0,8702	1,4491	26,1022	0,44%	0,74%		2,00%	33,38%
HYDROXYCAPROIC ACID	683	36,4	1,1375		0,4979	0,8098	3,3489		0,60%	0,64%			
IBUPROFEN	765	29,8	1,0101	0,3028	0,7292	0,8604	2,3907	-71,3633	0,69%			6,56%	8,90%
IMIDAZOLE	844,8	105,5	0,4138	0,2862	1,5194	1,0000	0,6037	-11,7620	0,46%	1,23%		1,36%	13,31%
INDENE	687	38,2	0,3338	0,2555	0,2353	0,8510	2,5334	9,4223	2,46%	3,64%	1,45%	1,21%	22,35%
INDOLE	790	43	0,3763	0,2371	1,3128	1,0000	0,6724	25,8118	0,51%	1,35%	0,98%	3,54%	2,96%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
IODINE	819,15	116,54	0,1115	0,2988	0,1385	0,8728	2,2202	-12,1665	1,34%	3,57%		0,83%	23,75%
IODOBENZENE	721,15	45,191	0,2466	0,2652	0,3564	0,8209	1,5403	1,3282	0,42%	0,96%	0,86%	1,26%	15,82%
IRON PENTACARBONYL	559,65	31,5307	0,2938	0,2669	1,6424	1,0000	0,4653	-1,5628	2,96%		0,07%	1,08%	13,92%
ISOAGATHOLAL	790	16,7	1,0832		0,5095	0,8134	3,1867		0,55%	1,48%			
ISOBUTANE	407,8	36,4	0,1835	0,2741	1,0649	0,9876	0,5812	-3,8042	0,84%	1,74%	2,41%	1,44%	12,03%
ISOBUTENE	417,9	40	0,1948	0,2723	0,3470	0,8375	1,4418	-2,6428	0,76%	1,22%	2,29%	1,28%	12,83%
ISOBUTYL ACETATE	560,8	30,1	0,4340	0,2542	1,4756	1,0000	0,6369	6,1666	0,76%	3,66%	3,03%	1,57%	20,83%
ISOBUTYL ACRYLATE	587	29,5	0,4551	0,2617	0,7236	0,8707	1,3481	-1,6040	0,60%	0,87%		1,55%	17,82%
ISOBUTYL CHLORIDE	528	39	0,2416	0,2622	0,3052	0,8039	1,6007	2,1281	0,91%	1,79%	1,09%	2,75%	14,63%
ISOBUTYL FORMATE	551,35	38,8075	0,3896	0,2779	0,5661	0,8166	1,4064	-12,4500	0,85%	2,05%		1,97%	6,70%
ISOBUTYL ISOBUTYRATE	601,89	26,1	0,4006	0,2680	1,6198	1,0000	0,5518	-6,1391	0,60%	2,37%		2,26%	18,63%
ISOBUTYL MERCAPTAN	559	40,6	0,2528	0,2723	0,3648	0,8191	1,5171	-4,5703	1,80%	2,01%	1,29%	1,79%	16,12%
ISOBUTYL METHACRYLATE	612	26,7	0,4205	0,2589	0,3064	0,8156	2,2566	3,1549	0,24%	1,25%	0,95%	1,29%	18,19%
ISOBUTYLAMINE	513,73	42,15	0,3627	0,2701	0,1832	0,8337	2,8323	-5,7232	1,65%	3,80%	0,46%	1,07%	1,48%
ISOBUTYLBENZENE	650	30,5	0,3817	0,2735	0,3306	0,8205	2,0472	-12,0095	0,45%	2,53%	1,39%	2,51%	16,46%
iso-BUTYLCYCLOHEXANE	642,1	25,85	0,3536	0,2669	1,2010	1,0000	0,7186	-3,7552	0,54%	1,11%		2,64%	23,05%
ISOBUTYLENE GLYCOL	626,3	50,33	0,8765	0,2681	0,5374	0,8240	2,6415	-10,8430	0,51%			5,05%	15,00%
ISOBUTYL-tert-BUTYL ETHER	558,3	25,61	0,3494	0,2781	1,2276	1,0000	0,6954	-16,6692	0,52%	1,04%	0,56%	2,78%	17,83%
ISOBUTYRIC ACID	605	37	0,6140	0,2213	0,2749	0,8185	3,1452	28,1981	1,49%			3,81%	33,47%
ISOBUTYRIC ANHYDRIDE	631,5	27,19	0,5926	0,2712	0,5949	0,8901	2,0099	-16,1833	1,14%			5,06%	25,47%
ISOBUTYRONITRILE	565	37,6	0,3384	0,2333	0,9031	0,9124	0,9309	25,3378	0,65%	1,50%		3,10%	29,04%
ISOPENTANE	460,4	33,8	0,2279	0,2710	0,2343	0,8384	1,9854	-3,6084	0,23%	1,51%	1,11%	1,41%	14,95%
ISOPENTYL ISOVALERATE	637	22	0,5785	0,2504	0,2857	0,8254	2,9969	5,7026	2,18%	1,54%	2,80%	1,42%	22,39%
ISOPHORONE	707,6	30,9	0,4165	0,2543	0,4617	0,8908	1,9943	8,6709	0,04%			1,33%	19,13%
ISOPHORONE DIISOCYANATE	765	25,2	0,6660		0,6718	0,8320	1,8001		0,74%	1,50%			
ISOPHTHALIC ACID	1007	39,5	1,0613		0,4406	0,8065	3,4322		0,56%	1,13%			
ISOPHTHALOYL CHLORIDE	768	33,3	0,6455	0,2501	0,7934	0,8434	1,5303	7,6850	0,30%	0,11%		1,56%	23,52%
ISOPRENE	484	38,5003	0,1583	0,2649	1,4998	1,0000	0,3867	3,4430	1,88%	1,37%	1,16%	1,91%	15,17%
ISOPROPANOL	508,3	47,65	0,6630	0,2454	1,3164	1,0000	0,9802	4,1020	3,96%	4,23%	7,09%	1,51%	20,96%
ISOPROPYL ACETATE	532	32,9	0,3678	0,2554	1,2946	1,0000	0,6728	6,5278	1,47%	1,58%		1,43%	21,06%
ISOPROPYL ACRYLATE	560	33,1	0,4051	0,2660	0,3621	0,8673	2,2719	-4,6941	1,36%		2,70%	1,74%	16,25%
ISOPROPYL BUTYL ETHER	549	27,4	0,4032	0,2702	0,3025	0,8042	2,1496	-9,0155	0,57%	4,53%	0,10%	2,18%	19,80%
ISOPROPYL CHLORIDE	489	45,4	0,1986	0,2736	1,1835	1,0000	0,5438	-3,8464	0,62%	1,60%	0,69%	1,43%	13,01%
ISOPROPYL IODIDE	578	51,2	0,2380	0,2987	0,2629	0,8790	2,1412	-20,0979	1,95%	2,85%		3,59%	6,42%
ISOPROPYL ISOBUTYL ETHER	537	27,9	0,3785	0,2786	0,4159	0,7970	1,6818	-16,8334	0,50%	4,48%	0,69%	2,56%	16,96%
ISOPROPYL MERCAPTAN	517	47,5	0,2138	0,2830	0,2177	0,8382	1,9951	-9,5679	1,91%	2,04%	2,02%	1,82%	13,29%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
ISOPROPYL PALMITATE	766,2	10,9	0,8688	0,2223	0,8805	0,7916	1,6631	114,0388	0,76%	1,52%		1,71%	29,43%
ISOPROPYLAMINE	471,85	45,4	0,2759	0,2677	1,8306	0,9816	0,3951	-1,4235	0,24%	0,81%	1,92%	1,43%	20,84%
ISOPROPYLCYCLOHEXANE	627	28,5	0,3295	0,2628	0,2458	0,8386	2,3693	0,9101	0,48%	1,02%		1,51%	20,99%
ISOPROPYLCYCLOPENTANE	593	30,4	0,3030	0,2631	0,9998	0,9625	0,7951	0,8130	1,15%	1,54%	3,18%	1,49%	18,51%
ISOQUINOLINE	803,15	51	0,3035	0,2827	0,2818	0,8320	2,0395	-15,4484	0,45%	1,53%	1,53%	2,06%	11,75%
ISOVALERIC ACID	629,09	36,88	0,6818	0,2406	0,4038	0,7898	2,4937	10,7908	0,42%			1,50%	36,45%
ISOXAZOLE	590	61	0,2568	0,2472	0,2159	0,8595	2,4041	9,7260	1,49%	1,22%		2,75%	24,37%
ITACONIC ACID	821	42,4	0,9247		0,3887	0,8090	3,3687		0,51%	1,13%			
KETENE	370	58,1	0,1257	0,2720	0,8185	0,7937	0,6251	-0,4681	1,63%	3,05%		1,85%	13,36%
KRYPTON	209,35	55,0195	0,0000	0,2906	0,1015	0,8955	1,9494	-3,3328	0,26%	1,59%		1,50%	10,29%
LACTONITRILE	643	50,3	0,7886	0,2195	1,1221	0,9273	1,3041	20,2612	0,32%	0,61%		3,41%	26,12%
LEVULINIC ACID	738	40,2	0,7557	0,2172	0,3726	0,8179	3,0346	29,9904	0,26%	0,89%		4,57%	28,05%
LINOLEIC ACID	775	14,1	1,1801	0,2288	0,6086	0,8164	2,9787	41,9217	0,69%	1,35%		2,38%	37,67%
LINOLENIC ACID	780	14,4	1,1870	0,2373	0,5624	0,8162	3,1960	28,1374	0,78%	1,74%		4,53%	26,76%
L-MENTHOL	658	27,1	0,7796	0,2567	0,6858	0,8806	2,1212	-9,9981	2,24%	3,14%		1,07%	18,31%
L-PHENYLALANINE	854	34,7	0,8516		0,3441	0,8079	3,3964		0,66%	1,16%	1,83%		
LYSINE	821	35,3	1,0127		0,5849	0,8120	2,7010		0,70%	0,70%			
MALEIC ACID	773	49,9	0,9976		0,4229	0,8086	3,3780		0,54%	0,86%			
MALEONITRILE	704	37,3	0,5575		1,4995	1,0000	0,7348		2,64%	4,34%	3,10%		
MALONIC ACID	834	61	0,7383		0,6082	0,7605	1,9167		0,63%				
MALONONITRILE	715	40,4	0,5016	0,1742	0,2883	0,8229	2,6852	74,9703	0,26%	2,01%		12,24%	52,16%
m-CHLOROANILINE	751	45,9	0,4198	0,2661	0,4926	0,8356	1,7022	-0,6933	0,75%	0,89%		3,86%	15,08%
m-CHLOROBENZOYL CHLORIDE	724	36,8	0,4542		1,0513	1,0000	0,9769		0,91%	0,41%			
m-CHLORONITROBENZENE	742	39,8	0,4919	0,2458	0,3237	0,8454	2,6238	14,0166	1,35%	4,09%	3,63%	1,20%	7,06%
m-CHLOROPHENOL	729	53,2	0,4856	0,2800	0,6070	0,9152	1,7489	-14,3897	2,51%	3,48%		3,45%	13,94%
m-CRESOL	705,85	45,6	0,4480	0,2513	0,9416	0,7674	0,9938	6,0176	1,39%	2,25%	1,72%	2,57%	24,87%
m-CYMENE	649	28,1	0,3780	0,2552	1,0609	0,9319	0,8407	9,6400	0,30%	1,63%	1,43%	1,41%	17,54%
m-DIBROMOBENZENE	761	46,6	0,2932	0,2742	0,2803	0,8573	2,1606	-9,1717	0,66%	2,00%	1,83%	1,30%	14,67%
m-DICHLOROBENZENE	683,95	40,7	0,2790	0,2624	0,3681	0,8298	1,6428	3,8309	0,70%	1,38%	0,51%	1,35%	21,27%
m-DIETHYLBENZENE	663	28,8	0,3540	0,2582	1,2816	0,9994	0,6664	7,3383	0,67%	1,17%		1,65%	19,07%
m-DIISOPROPYLBENZENE	684	24,5	0,3587	0,2813	1,6539	1,0000	0,5061	-18,8244	2,59%	3,41%		7,79%	22,06%
m-DIVINYLBENZENE	692	31,2	0,3734	0,2497	1,1058	0,9924	0,8112	16,4047	0,70%	0,44%		1,57%	25,11%
MELAMINE	1008	58,58	0,6973		0,4260	0,8386	2,7426		0,50%				
MERCURY	1735	1608,03	-0,1645	0,3906	0,0763	0,9749	1,2008	-7,762	1,75%	8,40%	1,00%	0,86%	21,14%
MERCURY DICHLORIDE	972	115,21	0,2563	0,2548	0,1743	0,8495	2,5577	4,9516	0,21%	2,56%		2,41%	20,69%
MESITYL OXIDE	600	34,1	0,3254	0,2464	1,3605	0,9974	0,5948	17,3261	0,80%	1,21%	0,57%	2,49%	21,80%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
MESITYLENE	637,3	31,27	0,3985	0,2550	0,4215	0,8389	1,8658	7,2930	0,04%	0,88%	0,92%	1,27%	18,62%
METHACROLEIN	530	42,5	0,2456	0,2459	0,8130	0,9054	0,8676	14,6800	0,63%	1,77%	2,76%	19,24%	
METHACRYLONITRILE	554	38,8	0,3013	0,2306	0,1689	0,8425	2,6746	27,5459	4,15%	7,64%	0,74%	3,79%	27,32%
METHANE	190,564	45,99	0,0115	0,2894	0,1473	0,9075	1,8243	-3,5604	0,31%	1,73%	7,17%	1,53%	11,02%
METHANOL	512,5	80,84	0,5658	0,2263	0,6650	0,9116	1,7833	9,1802	0,94%	4,22%	6,84%	3,98%	30,64%
METHOXYACETONE	584,1	42,13	0,3805	0,2493	0,9399	1,0000	0,9930	10,2638	0,15%		1,31%	19,89%	
METHOXYDIHYDROPYRAN	599	39,3	0,3669	0,2659	0,8319	0,8751	1,0360	-3,3408	0,59%	1,28%	1,10%	18,70%	
METHYL ACETATE	506,55	47,5	0,3313	0,2564	1,2447	0,9825	0,6548	4,4328	1,99%	3,12%	0,30%	1,64%	17,60%
METHYL ACRYLATE	536	42,5	0,3423	0,2495	0,3797	0,8485	1,8745	8,3029	0,42%	0,62%		2,97%	16,31%
METHYL alpha-HYDROXYISOBUTYRATE	585,1	34,88	0,5444	0,2533	0,5032	0,8464	2,0395	4,4484	0,46%	1,64%	1,43%	20,20%	
METHYL alpha-METHOXYISOBUTYRATE	589,3	29,35	0,4212		0,7962	0,8693	1,1727		0,51%	1,79%			
METHYL BENZOATE	693	35,9	0,4205	0,2567	0,2297	0,8353	2,8032	7,0269	2,85%	3,69%	1,40%	1,51%	11,55%
METHYL CAPRYLATE	650,7	23,84	0,4947	0,2558	1,5533	1,0000	0,6564	7,4314	1,99%	1,66%		1,74%	20,87%
METHYL CHLORIDE	416,25	66,8	0,1510	0,2686	0,3125	0,8460	1,4296	0,5047	0,54%	2,19%	0,71%	1,59%	12,59%
METHYL CHLOROACETATE	600	45	0,4340	0,2524	0,5854	0,8276	1,5023	7,2231	1,28%	2,06%	0,70%	1,38%	23,54%
METHYL CHLOROFORMATE	525	53,6	0,3921	0,2680	1,2124	1,0000	0,7535	-3,5743	0,64%	0,96%		1,29%	14,89%
METHYL CYANOACETATE	687	38,1	0,5413	0,2266	0,3213	0,8210	2,6401	34,1008	0,38%	1,35%		2,03%	39,92%
METHYL DECANOATE	686,9	19,42	0,5491	0,2429	1,7128	1,0000	0,6306	31,0741	1,37%	1,22%		1,43%	22,26%
METHYL DICHLOROSILANE	483	39,5	0,2758	0,2658	0,1891	0,8522	2,5151	-2,7834	3,34%	5,10%	7,82%	3,41%	9,10%
METHYL DIETHANOLAMINE	741,9	41,6	0,6286	0,2489	0,8133	0,8398	1,4669	5,9551	0,68%	1,37%		1,48%	18,70%
METHYL DODECANOATE	712	16,5	0,6644	0,2370	1,5183	0,9680	0,8235	45,7165	0,54%	1,11%		1,45%	24,37%
METHYL EICOSANOATE	797,9	9,591	0,9021		1,3224	0,8191	1,1878		0,83%	1,47%			
METHYL ERUCATE	806,2	9,375	1,0984	0,2199	0,5993	0,8101	2,8186	137,1782	0,81%	1,91%		3,54%	27,21%
METHYL ETHYL ETHER	437,8	44	0,2314	0,2678	1,0839	1,0000	0,6430	-1,1444	2,48%	1,54%		1,87%	15,59%
METHYL ETHYL KETONE	535,5	41,5	0,3234	0,2531	0,3361	0,8295	1,8817	8,5961	0,31%	1,88%	1,30%	1,31%	20,30%
METHYL ETHYL SULFIDE	533	42,6	0,2091	0,2552	0,7348	0,8302	0,8439	8,6285	0,91%	1,19%	0,01%	2,67%	22,50%
METHYL FLUORIDE	317,42	58,7511	0,1947	0,2474	0,2537	0,8739	1,9972	6,1328	0,65%	2,54%	3,65%	3,28%	16,77%
METHYL FORMATE	487,2	60	0,2556	0,2570	0,7820	0,8656	0,8912	4,0763	0,31%	1,19%	1,69%	2,16%	18,29%
METHYL HYDROPEROXIDE	566,1	92,44	0,4827		0,6977	0,8658	1,4446		0,50%	1,19%			
METHYL IODIDE	528,2	66	0,1567	0,2669	0,3833	0,8174	1,1315	1,6218	3,40%	4,51%	0,96%	2,17%	15,96%
METHYL ISOBUTYL ETHER	497	34,1	0,3078	0,2706	0,1688	0,8387	2,7400	-5,9539	0,53%	4,06%	0,13%	1,11%	15,03%
METHYL ISOBUTYL KETONE	574,6	32,7	0,3557	0,2575	0,2070	0,8389	2,7372	4,9942	2,30%	1,50%		1,30%	20,36%
METHYL ISOBUTYRATE	540,7	34,32	0,3637	0,2579	0,3892	0,7981	1,7207	4,3139	0,74%	1,79%	0,27%	1,30%	17,51%
METHYL ISOCYANATE	488	54,8	0,3007	0,2484	0,1632	0,8370	2,7325	9,8111	0,49%	1,93%		0,96%	7,82%
METHYL ISOPROPENYL KETONE	566	38,9	0,2862	0,2509	1,1422	1,0000	0,6747	11,9487	0,59%	1,38%		2,01%	19,18%
METHYL ISOPROPYL ETHER	464,48	37,62	0,2656	0,2705	1,1587	0,9935	0,6348	-3,1785	0,59%	1,89%	0,34%	1,50%	15,49%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
METHYL ISOPROPYL KETONE	553,4	38	0,3208	0,2596	1,4870	0,9633	0,5315	3,6482	0,90%	7,97%	0,88%	1,61%	18,89%
METHYL ISOPROPYL SULFIDE	553,1	40,21	0,2461	0,2711	1,0940	1,0000	0,6544	-3,8166	0,44%	2,04%		1,26%	8,35%
METHYL LACTATE	607,3	42,3492	0,5297	0,2476	0,6567	0,8578	1,6126	7,6794	0,50%	1,57%		1,39%	18,82%
METHYL MERCAPTAN	469,95	72,3	0,1582	0,2722	0,4578	0,8357	1,0623	-1,1008	2,72%	3,69%	1,03%	1,73%	15,33%
METHYL METHACRYLATE	566	36,8	0,2802	0,2552	0,3087	0,7035	1,4126	10,0667	0,43%	1,60%		1,61%	18,59%
METHYL MYRISTATE	741,2	14,21	0,6979	0,2335	1,8451	1,0000	0,6744	66,9719	2,16%	1,92%		1,61%	27,51%
METHYL n-BUTYL ETHER	512,74	33,71	0,3130	0,2624	0,2096	0,8200	2,3406	0,6024	0,40%	3,55%	0,04%	1,51%	17,98%
METHYL n-BUTYL SULFIDE	593	34,7	0,3229	0,2610	0,3126	0,8180	1,9120	2,5060	0,59%	1,30%	0,70%	1,40%	20,63%
METHYL n-BUTYRATE	554,5	34,73	0,3775	0,2533	1,1073	0,9105	0,7996	7,4788	1,35%	2,32%	3,45%	1,88%	17,82%
METHYL NONAFLUORO-N-BUTYL ETHER	468,45	22,3	0,4322	0,2597	0,6533	0,8032	1,3250	1,8641	3,60%		0,61%	1,69%	17,85%
METHYL n-PENTYL ETHER	546,49	30,42	0,3442	0,2633	0,2420	0,8162	2,2785	0,1801	0,39%	2,50%	0,06%	1,44%	20,78%
METHYL n-PROPYL ETHER	476,25	38,01	0,2770	0,2692	0,1764	0,8461	2,6121	-2,2683	1,90%	2,62%	1,05%	1,75%	16,85%
METHYL n-PROPYL SULFIDE	565	39,7	0,2737	0,2671	0,3016	0,8158	1,7743	-0,8316	0,28%	1,50%	0,47%	1,57%	18,75%
METHYL OLEATE	764	12,8	1,0494	0,2397	0,4888	0,8152	3,2202	28,1117	0,31%	0,31%		3,88%	41,27%
METHYL PALMITATE	762,2	12,35	0,7765	0,2264	1,8632	1,0000	0,7160	96,5217	2,32%	2,10%		1,57%	28,77%
METHYL PALMITOLEATE	744,4	14,15	0,9974	0,2404	0,5432	0,8159	2,8534	26,5128	0,65%	1,70%		3,17%	37,87%
METHYL para-TOLUATE	718,4	31,78	0,3662		0,0291	0,7445	2,8492		0,47%				
METHYL PENTYL SULFIDE	611,9	30,81	0,3653	0,2594	0,5059	0,7996	1,4653	3,5846	1,21%	1,63%	0,69%	1,49%	18,31%
METHYL PHENYL SULFIDE	712,8	42,06	0,3080	0,2666	0,1175	0,8266	2,9693	-0,5365	0,30%			1,29%	10,63%
METHYL PROPIONATE	530,6	40,04	0,3466	0,2558	0,4961	0,8059	1,4408	5,4025	0,87%	1,88%	0,24%	1,50%	18,19%
METHYL sec-BUTYL ETHER	498	34,1	0,3062	0,2670	0,8017	0,8601	0,9560	-3,1120	0,53%	3,88%	0,27%	1,47%	14,40%
METHYL SILANE	352,5	47	0,1314	0,3066	0,6715	1,0000	0,8654	-15,6471	0,39%			2,69%	1,14%
METHYL SILICATE	562,8	28,73	0,4442	0,2674	0,3738	0,8297	2,1383	-6,9406	0,38%	1,92%	1,86%	1,08%	14,07%
METHYL STEARATE	781,1	10,84	0,8595	0,2181	1,8170	1,0000	0,7894	134,9957	2,62%	2,41%		1,65%	30,28%
METHYL t-BUTYL SULFIDE	570	35,4	0,2334	0,2722	0,3777	0,7868	1,3523	-4,9399	0,33%	1,03%	0,09%	1,22%	15,69%
METHYL tert-BUTYL ETHER	497,1	32,86	0,2465	0,2642	1,3385	1,0000	0,5286	1,7479	1,06%	1,45%		1,51%	16,99%
METHYL tert-PENTYL ETHER	534	30,4	0,2981	0,2606	0,2027	0,8479	2,5831	2,9760	1,01%	1,43%	3,26%	1,52%	15,54%
METHYL t-PENTYL SULFIDE	632	31,3	0,2836	0,2592	0,1756	0,8378	2,5693	7,0107	0,57%	2,73%	1,55%	1,36%	17,03%
METHYL TRICHLOROSILANE	517	35,3	0,2634	0,2705	0,2014	0,8450	2,3518	-3,7311	1,01%		3,93%	1,06%	11,19%
METHYL VINYL DICHLOROSILANE	544,1	29,4	0,2928	0,2505	1,1925	0,9996	0,6502	14,2866	0,59%	1,63%		2,93%	12,16%
METHYL VINYL ETHER	437	46,7	0,2416	0,2603	1,1166	1,0000	0,6353	2,7501	0,87%	1,15%		2,64%	12,58%
METHYL-3-MERCAPTOPROPIONATE	644	39,26	0,3990		1,2513	1,0000	0,7361		0,65%	1,40%			
METHYL-4-FORMYLBENZOATE	759,5	31,69	0,6107	0,2282	0,5992	0,8880	2,0335	31,7990	1,30%			3,19%	19,01%
METHYLACETYLENE	402,4	56,3	0,2115	0,2706	0,4325	0,8088	1,2275	-1,1612	0,47%	1,61%	0,30%	1,30%	12,10%
METHYLAL	480,6	39,5	0,2856	0,2463	0,0853	0,8231	3,0448	11,6371	0,53%	3,34%	0,66%	4,00%	40,53%
METHYLAMINE	430,05	74,6	0,2814	0,2593	1,3034	1,0000	0,5781	2,1726	0,83%	0,38%	0,59%	1,94%	5,74%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
METHYLCYCLOHEXANE	572,1	34,8	0,2361	0,2715	0,6890	0,8442	0,9392	-4,0869	0,95%	2,05%	0,94%	1,53%	14,98%
METHYLCYCLOPENTADIENE	541	44,3	0,2376	0,2743	0,9073	0,9191	0,7688	-5,4847	0,63%	0,98%		1,10%	13,84%
METHYLCYCLOPENTADIENE DIMER	675	26,4	0,4229		1,2281	1,0000	0,7782		0,65%	1,34%			
METHYLCYCLOPENTANE	532,7	37,9	0,2288	0,2712	0,8731	0,8789	0,7645	-3,3528	0,46%	1,42%	1,41%	1,46%	13,66%
METHYLETHANOLAMINE	630	52,2	0,5855	0,2523	0,4431	0,8109	2,2058	3,3297	0,67%	1,20%		1,35%	20,61%
METHYLGERMANIUM TRICHLORIDE	595,4	39,51	0,2243	0,2684	1,2179	1,0000	0,5654	-1,2674	1,46%	1,59%	2,14%	1,29%	15,01%
METHYLGLUTARONITRILE	742	28,8	0,6381	0,2143	0,7735	0,8428	1,5559	60,9805	0,68%	1,19%		2,26%	47,90%
METHYLNORBORNENE	600	34,4	0,2108	0,2601	1,0268	1,0000	0,6540	7,6594	0,64%	1,71%		1,70%	16,21%
m-ETHYLSTYRENE	670,7	29,36	0,3955	0,2531	1,2333	1,0000	0,7437	12,2771	0,64%	1,64%		2,00%	23,72%
m-ETHYLtolUENE	637,15	31,5	0,3649	0,2585	1,2438	1,0000	0,6968	5,5607	0,41%	2,14%	1,70%	1,66%	19,77%
m-METHYLSTYRENE	657	32,9	0,3487	0,2504	1,1658	1,0000	0,7358	14,4554	0,63%	1,09%		1,60%	21,85%
m-NITROANILINE	815	44,2	0,7297		0,3283	0,8169	3,1809		1,81%	0,40%			
MONOBUTYL SULFATE	889,2	76,1	0,4390		1,3031	1,0000	0,7433		0,64%	1,93%			
MONOCHLOROBENZENE	632,35	45,191	0,2499	0,2641	0,3599	0,8253	1,5543	1,3868	0,43%	1,98%	2,35%	1,50%	15,67%
MONOCHLOROSILANE	399,2	53,01	0,1327		0,5308	0,8567	0,9538		1,24%	1,79%	0,95%		
MONOMETHYL TEREPHTHALATE	797,8	31,08	0,8770		0,4911	0,8038	2,7175		0,47%				
MONOMETHYL UREA	836,5	63,53	0,5690		0,1186	0,6698	2,5233		0,55%				
MONOOLEIN	856,9	12,01	1,0985	0,2316	0,5577	0,8226	3,0542	63,9944	0,58%			3,52%	28,44%
MONO-TERT-BUTYLHYDROQUINONE	805,5	37,65	0,7321		0,6286	0,8755	2,1849		1,02%				
MORPHOLINE	618	53,4	0,3579	0,2693	0,2295	0,8446	2,6385	-4,4486	1,30%	2,84%		1,02%	15,92%
m-PHENYLENEDIAMINE	824	51,8	0,5464	0,2486	0,7887	0,9433	1,5000	9,4283	1,07%	1,23%		1,44%	5,34%
m-TERPHENYL	883	24,8	0,6509	0,2451	0,5270	0,8400	2,2042	18,7008	0,49%	1,06%		1,34%	23,11%
m-TOLUALCOHOL	681	39,1	0,7508	0,2736	0,3874	0,8175	2,9386	-21,5164	0,27%	0,43%	4,34%	2,89%	20,59%
m-TOLUALDEHYDE	691	36,7	0,4332	0,2458	1,2580	1,0000	0,7687	15,5122	0,58%	0,78%		1,63%	23,86%
m-TOLUIC ACID	754	39,01	0,6809		0,9867	0,7533	1,2509		0,71%	1,96%			
m-TOLIDINE	707	42,8	0,4348	0,2536	1,6546	1,0000	0,5579	6,8306	3,93%	2,69%	0,66%	1,45%	24,73%
m-XYLENE	617	35,41	0,3265	0,2581	0,3606	0,8335	1,8255	5,1486	0,35%	1,04%	0,86%	1,40%	17,39%
N-(2-HYDROXYETHYL)PIPERAZINE	780	49,37	0,4203	0,2863	1,4104	1,0000	0,6645	-22,4950	2,43%	2,60%		2,99%	15,53%
N,N'-BIS(2-HYDROXYETHYL)ETHYLENEDIAMINE	781,8	38,04	1,1400	0,2584	0,7896	0,8579	2,4268	-13,0498	0,26%			3,06%	21,79%
N,N'-DI(2-HYDROXYETHYL)PIPERAZINE	825,3	38,8	0,6303		1,2352	0,8983	0,9954		0,57%	1,30%	3,46%		
N,N-DIETHYLANILINE	702	28,5	0,4262	0,2523	1,5350	1,0000	0,6089	12,8577	2,41%	2,34%	0,46%	1,41%	10,92%
N,N-DIETHYLHYDROXYLAMINE	567	41,3	0,7154	0,2712	1,3040	0,9984	1,0377	-10,7228	0,87%	2,00%		3,26%	9,25%
N,N-DIETHYLMETHYLAMINE	506,1	33,43	0,3051	0,2725	0,2147	0,8408	2,4536	-7,1981	0,40%			1,75%	14,91%
N,N-DIMETHYLACETAMIDE	658	40,3	0,3635	0,2310	1,2046	1,0000	0,7280	28,5732	1,44%	0,67%		3,81%	21,10%
N,N-DIMETHYLANILINE	687,15	36,3	0,4022	0,2540	1,0981	1,0000	0,8570	7,9324	1,55%	2,97%		1,51%	2,34%
N,N-DIMETHYLFORMAMIDE	649,6	44,2	0,3177	0,2200	0,3779	0,8324	1,7570	34,8754	1,00%	2,50%	0,89%	5,70%	30,06%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
N,N-DIMETHYL-n-BUTYLAMINE	538	29,3	0,3403	0,2666	0,7319	0,8573	1,1028	-2,6053	0,63%	1,29%		1,18%	12,90%
N,N'-DI-tert-BUTYLETHYLEDIAMINE	625	21,6	0,6278		1,0423	0,9781	1,2256		0,68%	1,18%	7,71%		
N-AMINOETHYL ETHANOLAMINE	698	44,6	1,0473	0,2524	0,6011	0,8148	2,7271	-3,2670	0,65%	1,02%		4,22%	22,95%
N-AMINOETHYL PIPERAZINE	710,7	37,87	0,5271	0,2618	0,3102	0,8369	2,7722	-4,7888	0,41%			1,53%	16,73%
NAPHTHACENE	987	23,9	0,5653		0,2865	0,7998	2,7330		0,48%	2,92%			
NAPHTHALENE	748,4	40,5	0,3020	0,2603	0,2701	0,8209	2,0158	4,5164	0,98%	5,07%	3,02%	1,47%	14,93%
n-BUTANE	425,12	37,96	0,2002	0,2732	0,4120	0,8488	1,3282	-3,4371	0,35%	1,16%	2,67%	1,22%	13,60%
n-BUTYL ACETATE	575,4	30,9	0,4394	0,2574	0,2283	0,8317	2,8709	3,2972	0,69%	1,03%	1,29%	1,44%	21,50%
n-BUTYL ACRYLATE	598	29,1	0,4817	0,2620	0,2744	0,8357	2,7944	-0,6540	1,87%	1,85%		3,05%	22,87%
n-BUTYL BENZOATE	724	25,9	0,5767	0,2518	1,0814	0,9922	1,1067	8,7877	0,22%			2,18%	27,15%
n-BUTYL CHLORIDE	539,2	37,21	0,2472	0,2561	1,2537	0,9975	0,5644	8,5231	1,19%	2,12%		1,91%	18,25%
n-BUTYL FORMATE	559	35,1	0,3878	0,2559	0,4658	0,7949	1,5689	5,0674	0,75%	2,17%	0,39%	1,47%	19,64%
n-BUTYL ISOCYANATE	568	34,4	0,4145	0,2438	1,2232	1,0000	0,7715	14,1958	0,62%	0,70%		3,35%	13,28%
n-BUTYL MERCAPTAN	570,1	39,7	0,2714	0,2628	0,3022	0,8313	1,8319	1,6506	1,75%	1,71%	1,46%	1,48%	19,02%
n-BUTYL METHACRYLATE	619	26,3	0,4467	0,2519	1,3401	1,0000	0,7274	10,8162	1,61%	1,22%		1,49%	22,81%
n-BUTYL n-BUTYRATE	616	25,4	0,4815	0,2535	0,2895	0,8296	2,6554	7,0282	0,24%	1,57%	1,89%	1,63%	24,05%
n-BUTYL PROPIONATE	594,6	28	0,4644	0,2558	1,3082	1,0000	0,7666	4,6712	0,47%	0,64%	0,77%	1,57%	21,74%
n-BUTYL STEARATE	764	11,1	1,0246	0,2496	0,4503	0,8106	3,3286	5,7899	0,72%	2,28%	7,76%	5,68%	42,55%
n-BUTYL VALERATE	629	23,3	0,5955	0,2539	0,4791	0,8095	2,0961	3,9271	0,56%		0,19%	2,41%	25,42%
n-BUTYLAMINE	531,9	42	0,3292	0,2650	0,1877	0,8113	2,4556	-1,4344	0,57%	2,32%	2,60%	1,63%	4,88%
n-BUTYLBENZENE	660,5	28,9	0,3941	0,2606	0,4682	0,8213	1,6558	3,1642	0,75%	1,26%	1,54%	2,08%	16,90%
n-BUTYLBENZENE HYDROPEROXIDE	762,5	29,44	0,9570		0,5801	0,8162	2,6227		0,72%	1,54%			
n-BUTYLCYCLOHEXANE	667	25,7	0,2743	0,2579	1,5567	1,0000	0,4774	11,5341	3,26%	2,79%	4,69%	1,53%	22,06%
n-BUTYLCYCLOPENTANE	621	27,2	0,3719	0,2592	0,4520	0,8104	1,6090	4,0952	1,47%	3,39%	0,83%	1,59%	19,96%
n-BUTYLDIHYDROPEROXIDE	565	52,1	0,8658	0,3040	0,5584	0,8130	2,4826	-31,4488	0,27%	0,74%		5,94%	4,97%
n-BUTYRIC ACID	615,7	40,6	0,6750	0,2297	0,4405	0,8431	2,6374	17,8529	0,52%			2,53%	26,19%
n-CROTYL ACETATE	585,4	33,14	0,4383	0,2578	1,2062	0,9862	0,8112	3,1313	0,63%	1,30%		1,47%	18,30%
n-DECANE	617,7	21,1	0,4923	0,2517	0,3784	0,8105	2,1713	12,8329	0,44%	1,22%	0,66%	1,26%	19,19%
n-DECYL FORMATE	672	19,9	0,7118	0,2481	0,3353	0,8200	3,1107	12,1297	1,00%		1,51%	2,15%	22,09%
n-DECYL MERCAPTAN	696	21,3	0,5874	0,2417	0,5681	-0,8025	2,3285	41,3308	1,98%	2,37%	2,68%	5,39%	27,22%
n-DECYLAMINE	663	21,8	0,6664	0,2477	0,3196	0,8216	3,0771	10,3406	2,53%	4,23%	2,65%	1,15%	21,93%
n-DECYLBENZENE	753	17,7	0,6797	0,2468	0,3636	0,8280	2,9432	19,7540	2,85%	3,07%	1,96%	2,80%	31,31%
n-DECYLCYCLOHEXANE	751,25	16,5	0,6627	0,2471	0,6069	0,8158	1,9413	21,2530	1,83%	4,03%	0,61%	2,46%	33,15%
n-DODECANE	658	18,2	0,5764	0,2466	0,4577	0,8011	2,0899	22,2261	0,62%	1,22%	2,35%	1,34%	19,45%
n-DODECANOIC ACID	743	19,3	0,8983	0,2406	1,8223	1,0000	0,8217	23,5008	0,64%	1,01%	6,22%	1,77%	25,22%
n-DODECYLAMINE	696	18,8	0,7638	0,2440	0,3783	0,8217	3,0734	14,6555	5,29%	6,85%	3,90%	1,29%	26,74%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
n-DODECYLBENZENE	780	15,6	0,7333	0,2446	0,5888	0,8077	2,0826	29,0028	0,70%	2,24%	0,17%	3,14%	35,31%
n-EICOSANE	768	11,6	0,9069	0,2335	0,4688	0,8098	2,9217	63,8215	0,43%	1,98%	1,04%	2,14%	21,52%
NEOABIETIC ACID	812	16,7	0,8598		0,3622	0,8102	3,3382		0,53%	0,88%			
NEOHEXANOIC ACID	653	34,1	0,5671	0,2396	0,9083	0,8360	1,2276	15,0973	0,36%	1,69%	2,10%	3,37%	21,94%
NEOPENTANE	433,8	31,96	0,1957	0,2756	0,1268	0,8494	2,5589	-5,9635	0,21%	1,66%	1,17%	1,37%	14,94%
N-ETHYL-2-METHYLALLYLAMINE	556	31,8	0,3550	0,2673	0,8721	0,8639	0,9627	-2,6759	0,59%	1,68%	3,05%	1,26%	11,00%
N-ETHYLANILINE	698,55	35,8	0,4149	0,2522	0,2958	0,7728	2,0549	10,6883	0,32%	1,02%		1,45%	14,56%
N-ETHYLMORPHOLINE	617	36,83	0,3327		0,9249	0,9169	0,9018		0,69%	1,46%			
n-HENEICOSANE	778	11,1	0,9420	0,2315	0,4695	0,8115	3,0185	72,6911	1,48%	2,04%	1,33%	2,22%	21,89%
n-HEPTACOSANE	826	8,83	1,2136	0,2265	0,5930	0,8189	3,1353	101,2761	1,40%		1,30%	3,22%	23,10%
n-HEPTADECANE	736	13,4	0,7697	0,2364	0,5607	0,7924	2,1874	52,5854	0,25%	0,40%	0,41%	1,64%	21,73%
n-HEPTADECYLBENZENE	826	12,1	0,9195	0,2374	0,6564	0,8170	2,2955	51,2232	1,13%	1,04%	0,74%	3,69%	41,13%
n-HEPTANE	540,2	27,4	0,3495	0,2602	0,3643	0,8200	1,8313	3,1112	0,41%	1,52%	2,76%	1,28%	17,01%
n-HEPTANOIC ACID	677,3	30,43	0,7599	0,2495	0,9347	0,8294	1,4521	5,8003	1,01%	2,07%		2,01%	20,83%
n-HEPTYL ACETATE	637	23,3	0,5943	0,2552	0,3494	0,8203	2,6649	3,4761	0,27%	2,72%	1,96%	2,57%	27,11%
n-HEPTYL FORMATE	628	25,4	0,5337	0,2525	0,2691	0,8277	2,9492	7,8674	1,71%	1,42%	1,87%	1,69%	26,33%
n-HEPTYL MERCAPTAN	645	27,7	0,4226	0,2534	0,3282	0,8281	2,2458	8,9332	1,96%	1,89%	2,04%	1,32%	26,07%
n-HEPTYLAMINE	607	28,5	0,5077	0,2553	0,2411	0,8258	2,9880	3,5786	2,06%	3,34%	2,41%	1,08%	14,81%
n-HEPTYLBENZENE	714	21,8	0,5272	0,2504	0,2997	0,8344	2,8190	14,9158	3,75%	4,17%	1,91%	2,15%	26,88%
n-HEXADECANE	819	9,1	1,1544	0,2267	0,5134	0,8105	3,3319	99,9368	1,68%		1,28%	2,95%	23,61%
n-HEXADECANE	723	14	0,7174	0,2366	0,6147	0,7868	1,9249	52,1490	0,28%	0,47%	0,76%	1,47%	21,90%
n-HEXADECANOIC ACID	785	14,9	0,9919	0,2348	2,0243	1,0000	0,7942	43,5908	4,17%		8,48%	1,85%	28,37%
n-HEXADECYLBENZENE	818	12,7	0,8996	0,2414	0,7145	0,8174	2,0924	38,7214	0,26%	1,08%	0,61%	4,07%	41,01%
n-HEXANE	507,6	30,25	0,3013	0,2633	0,2806	0,8357	2,0600	0,7940	0,80%	1,48%	2,32%	1,25%	15,39%
n-HEXANOIC ACID	660,2	33,08	0,7330	0,2397	1,8838	1,0000	0,6836	13,7839	0,43%			1,76%	21,64%
n-HEXYL ACETATE	618	25,4	0,5396	0,2550	0,2921	0,8314	2,8759	4,0691	0,53%	2,95%	2,27%	2,25%	25,06%
n-HEXYL FORMATE	607	28	0,4830	0,2504	0,2527	0,8024	2,6348	9,3240	0,42%	2,89%	0,49%	1,48%	23,25%
n-HEXYL MERCAPTAN	623	30,8	0,3681	0,2559	0,3764	0,8257	1,8689	6,7750	1,38%	1,90%	1,79%	1,44%	23,84%
n-HEXYLAMINE	584	31,8	0,4577	0,2570	0,1969	0,8229	3,0476	2,2567	1,67%	4,33%	1,17%	1,30%	11,75%
n-HEXYLBENZENE	698	23,8	0,4790	0,2518	0,3542	0,8311	2,3499	12,3922	1,71%	2,75%	1,96%	1,78%	24,31%
NIACIN	760	46,4	0,5958		0,2409	0,8146	3,2331		0,40%	1,43%			
NICKEL CARBONYL	452,55	30,398	0,4631	0,2738	0,2936	0,8430	2,6643	-12,4558	3,77%		0,24%	0,75%	12,27%
NICOTINONITRILE	703	41,2	0,4215	0,2272	0,4594	0,8434	1,8495	30,4773	1,53%	1,92%	3,26%	3,90%	17,92%
NITROETHANE	593	51,6	0,3803	0,2412	0,3078	0,8615	2,3754	13,7392	5,00%	5,05%	3,86%	1,58%	18,64%
NITROGEN	126,2	34	0,0377	0,2908	0,1242	0,8898	2,0130	-3,6428	0,27%	1,44%	3,26%	1,07%	10,43%
NITROGEN TRIFLUORIDE	234	44,607	0,1200	0,2779	0,6463	0,8859	0,7859	-2,1633	0,62%	0,57%		1,31%	14,73%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
NITROGEN TRIOXIDE	425	69,9	0,4312		0,3313	0,8046	2,1335		0,46%				
NITROMETHANE	588,15	63,1	0,3480	0,2310	0,2923	0,8638	2,3416	16,7596	3,22%	4,84%	2,06%	2,92%	28,02%
NITROSYL CHLORIDE	440,65	91,2	0,3005	0,3061	0,5168	0,9352	1,5683	-12,1333	0,83%	1,32%		1,30%	2,43%
NITROUS OXIDE	309,57	72,45	0,1409	0,2753	1,2023	0,9324	0,4689	-1,2290	1,36%	1,94%	0,13%	1,68%	13,39%
N-METHYL-2-PYRROLIDONE	721,6	45,2	0,3732	0,2407	0,2742	0,8518	2,5206	18,2102	1,02%	4,53%		2,33%	25,75%
N-METHYLACETAMIDE	718	49,8	0,4351	0,2239	0,3634	0,8051	2,0400	28,5063	0,76%	1,95%		4,07%	27,34%
N-METHYLANILINE	701,55	52	0,4750	0,2883	0,4323	0,8735	2,2106	-21,4403	1,85%	1,93%		3,78%	1,81%
N-METHYLCYCLOHEXYLAMINE	622	34,9	0,3855	0,2654	0,3953	0,8162	1,8318	-3,4116	0,67%	1,54%		1,07%	16,78%
N-METHYLFORMAMIDE	721	56,2	0,4100	0,2062	1,2134	1,0000	0,7745	37,4037	0,62%	1,66%		7,13%	35,11%
N-METHYL PYRROLE	610	47,7	0,2128	0,2710	1,5715	1,0000	0,4157	0,5256	1,82%	1,61%	0,48%	2,80%	15,31%
N-METHYL PYRROLIDINE	550	42	0,2258	0,2755	1,0691	1,0000	0,6445	-6,5026	0,63%	1,21%		1,21%	13,73%
N-METHYL THIOPYRROLIDONE	869	43,2	0,2381		0,8070	0,9179	0,8639		0,34%	1,63%			
N-NITROSODIETHANOLAMINE	887,1	48,36	0,9833	0,2424	0,4405	0,8126	3,2796	7,4143	0,42%			3,82%	24,71%
N-NITROSODIMETHYLAMINE	661	48,9	0,2738	0,2284	1,3471	1,0000	0,5525	28,1929	0,91%	2,23%	1,01%	4,62%	23,46%
n-NONADECANE	758	12,1	0,8522	0,2334	0,4715	0,7926	2,6734	64,7870	0,28%	0,83%	1,11%	1,82%	21,93%
n-NONANE	594,6	22,9	0,4435	0,2544	0,4171	0,8081	1,8918	9,3455	0,13%	0,94%	0,53%	1,30%	18,75%
n-NONANOIC ACID	710,7	25,14	0,7787	0,2507	1,8354	1,0000	0,7324	7,2173	1,06%	0,48%		2,44%	22,49%
n-NONYL ACETATE	661	19,9	0,7036	0,2553	0,4740	0,8050	2,3655	1,0823	0,26%	0,65%	1,47%	3,34%	29,84%
n-NONYL FORMATE	656	21,4	0,6504	0,2507	0,3039	0,8208	3,0936	8,7559	1,02%		1,28%	1,99%	21,24%
n-NONYL MERCAPTAN	681	23,1	0,5260	0,2491	0,4090	0,8095	2,1576	13,9664	3,96%	4,35%	2,13%	1,40%	29,51%
n-NONYL n-UNDECYL PHTHALATE	914,6	9,951	0,9080		0,4599	0,8154	2,9972		0,39%				
n-NONYLAMINE	648	23,6	0,6171	0,2530	0,2976	0,8231	3,0431	5,3140	2,37%	5,09%	2,60%	1,52%	20,70%
n-OCTACOSANE	832	8,5	1,2375	0,2256	0,5473	0,8091	3,3648	108,0359	2,52%	2,56%	0,92%	3,27%	24,03%
n-OCTADECANE	747	12,7	0,8114	0,2347	0,5802	0,7925	2,2165	59,1697	0,35%	0,45%	0,36%	1,70%	21,36%
n-OCTADECYLBENZENE	834	11,6	0,9505	0,2346	0,6788	0,8159	2,2901	60,2534	1,59%	1,14%	0,54%	3,17%	42,19%
n-OCTANE	568,7	24,9	0,3996	0,2569	0,3573	0,8171	1,9988	6,4292	0,41%	1,11%	0,63%	1,21%	18,79%
n-OCTANOIC ACID	694,26	27,79	0,7734	0,2466	0,7739	0,7962	1,6970	8,3895	1,10%	1,47%		1,37%	20,48%
n-OCTYL ACETATE	652	21,5	0,6558	0,2525	0,4070	0,8075	2,5134	5,4093	0,89%		1,31%	2,38%	28,28%
n-OCTYL FORMATE	645	23,3	0,5871	0,2520	0,2842	0,8232	3,0421	7,6634	5,40%		1,03%	2,05%	27,95%
n-OCTYL MERCAPTAN	667,3	25,2	0,4497	0,2509	0,3724	0,8186	2,1050	12,8726	1,18%	1,48%	2,00%	1,42%	28,17%
n-OCTYLAMINE	627	25,8	0,5694	0,2552	0,2682	0,8230	3,0461	3,1326	1,85%	4,59%	1,98%	1,26%	17,94%
n-OCTYLBENZENE	729	20,2	0,5670	0,2482	0,3121	0,8317	2,8709	18,6277	2,40%	3,21%	2,04%	2,15%	28,56%
NONANAL	658,5	26,8	0,4733	0,2627	1,3055	1,0000	0,7803	-3,2922	0,71%	2,26%		1,40%	16,26%
NONYLPHENOL	770	20,7	0,8795	0,2446	0,3346	0,8036	3,5074	9,5033	1,38%	1,10%		1,92%	24,34%
n-PENTADECANE	708	14,8	0,6863	0,2384	0,5798	0,7877	1,9485	45,3502	0,34%	1,75%	0,66%	1,44%	21,50%
n-PENTADECANOIC ACID	774	15,7	0,9639	0,2345	1,8947	1,0000	0,8382	42,2353	4,54%		7,81%	2,19%	27,92%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
n-PENTADECYLBENZENE	809	13,3	0,8567	0,2421	0,6214	0,8155	2,2673	36,5473	0,39%	1,30%	0,89%	3,88%	39,28%
n-PENTANE	469,7	33,7	0,2515	0,2679	0,2933	0,8366	1,8242	-1,5965	0,41%	1,04%	1,22%	1,28%	14,32%
n-PENTANOIC ACID	639,16	36,3	0,7066	0,2357	0,3020	0,7954	3,0643	15,7760	0,17%			1,73%	24,07%
n-PENTYL ACETATE	599,9	27,7	0,4478	0,2540	0,2245	0,8296	2,9105	7,2925	1,21%	2,09%	1,29%	1,40%	23,58%
n-PENTYL MERCAPTAN	598	34,7	0,3207	0,2624	0,3776	-0,7241	1,2186	11,8497	1,59%	1,82%	1,29%	3,38%	19,39%
n-PENTYLAMINE	555	35,8	0,4070	0,2607	0,1743	0,8250	3,0041	0,3550	1,30%	4,29%	0,76%	1,18%	8,46%
n-PENTYLBENZENE	679,9	26,04	0,4378	0,2534	0,3968	0,8305	2,0377	10,1432	2,42%		2,12%	1,55%	19,49%
n-PENTYLCYCLOHEXANE	669,2	23,85	0,4612	0,2586	0,5843	0,8640	1,6444	2,1826	0,58%	1,70%		1,81%	18,57%
n-PROPYL ACETATE	549,73	33,6	0,3889	0,2531	0,6462	0,8114	1,2670	8,2270	0,67%	1,17%	0,66%	1,46%	18,82%
n-PROPYL ACRYLATE	569	32,5	0,4315	0,2597	1,0527	0,9212	0,9211	1,3971	0,67%	1,03%		1,39%	18,64%
n-PROPYL FORMATE	538	40,2	0,3088	0,2567	1,5662	1,0000	0,4908	5,9223	0,98%	1,61%	0,52%	1,83%	17,94%
n-PROPYL IODIDE	586,3	41,52	0,2230	0,2521	0,9407	1,0000	0,7438	11,5647	0,53%	1,71%		2,83%	16,06%
n-PROPYL ISOBUTYRATE	579,4	28,4	0,4838	0,2650	0,3461	0,7942	2,1835	-5,8466	0,45%	2,28%	1,57%	2,00%	19,29%
n-PROPYL MERCAPTAN	536,6	46,3	0,2318	0,2689	0,3346	0,8206	1,5408	-1,2347	1,87%	1,97%	1,19%	1,33%	17,11%
n-PROPYL METHACRYLATE	599	29,1	0,3966	0,2582	0,1929	0,8302	2,8988	5,2489	1,19%	2,05%		1,79%	21,69%
n-PROPYL n-BUTYRATE	593,7	27,2	0,4335	0,2535	0,6250	0,7986	1,3705	9,1573	0,64%	3,68%	0,45%	1,58%	24,14%
n-PROPYL PROPIONATE	568,6	30,6	0,4487	0,2564	0,3312	0,8081	2,1964	4,0784	0,40%	3,52%	5,49%	1,39%	21,04%
n-PROPYLAMINE	496,95	47,4	0,2798	0,2636	1,7704	1,0000	0,4131	1,1989	1,77%	3,79%	1,25%	1,79%	2,60%
n-PROPYLBENZENE	638,35	32	0,3444	0,2634	0,4895	0,8240	1,4833	1,4607	0,39%	1,00%	1,18%	2,11%	15,54%
n-PROPYLBENZENE HYDROPEROXIDE	746,8	32,9	0,9058		0,6204	0,8178	2,3817		0,56%	1,39%			
n-PROPYLCYCLOHEXANE	639,15	28,07	0,2595	0,2608	1,3406	1,0000	0,5431	7,0001	2,29%	2,10%	0,80%	1,51%	20,54%
n-PROPYLCYCLOPENTANE	596	30,2	0,3266	0,2623	0,5976	0,8305	1,2408	1,3381	0,92%	1,48%	1,28%	1,50%	17,54%
n-TETRACOSANE	804	9,8	1,0710	0,2284	0,4691	0,8103	3,3371	89,6456	0,50%	2,06%	0,96%	2,63%	23,14%
n-TETRADECANE	693	15,7	0,6430	0,2401	0,5704	0,7890	1,8888	39,9098	0,23%	0,86%	0,88%	1,37%	21,32%
n-TETRADECANOIC ACID	763	16,4	0,9535	0,2334	1,9269	1,0000	0,8157	42,6388	4,20%		7,09%	1,65%	28,82%
n-TETRADECYLAMINE	722	16,6	0,8609	0,2415	0,4067	0,8153	3,2179	19,1666	5,48%		4,22%	1,95%	30,06%
n-TETRADECYLBENZENE	800	14	0,8130	0,2428	0,6318	0,8154	2,1490	34,1963	0,63%	1,34%	0,86%	3,63%	38,48%
n-TRICOSANE	796	10,2	1,0262	0,2293	0,4779	0,8096	3,1734	84,6520	0,48%	2,12%	1,44%	2,46%	22,43%
n-TRIDECANE	675	16,8	0,6174	0,2433	0,4772	0,7990	2,1208	30,1374	0,26%	0,82%	0,42%	1,40%	20,67%
n-TRIDECANOIC ACID	754	17,9	0,9134	0,2380	1,8617	1,0000	0,8165	30,6685	2,53%	2,65%	6,54%	2,05%	26,32%
n-TRIDECYLBENZENE	790	14,8	0,7799	0,2440	0,5491	0,8101	2,3162	29,7965	1,31%	1,94%	0,85%	3,41%	36,45%
n-UNDECANE	639	19,5	0,5303	0,2488	0,4799	0,8001	1,9060	18,3288	0,63%	1,30%	0,32%	1,33%	19,59%
n-UNDECANOIC ACID	732	20,9	0,8531	0,2426	1,8323	1,0000	0,7876	19,3172	0,68%	0,99%	5,64%	1,82%	24,23%
n-UNDECYLBENZENE	764	16,72	0,7287	0,2469	0,3880	0,8267	2,9697	18,8639	4,04%	3,43%	2,44%	3,21%	32,37%
o-ANISIDINE	736	42,4	0,4447	0,2547	0,2233	0,8293	2,9166	5,6815	1,79%	3,10%		1,24%	19,02%
o-CHLOROANILINE	722	45,9	0,4213	0,2578	0,3173	0,8552	2,4688	2,9202	2,50%	3,41%		1,18%	9,65%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
o-CHLOROBENZOIC ACID	792	40,3	0,6637		0,4185	0,8005	2,4492		0,55%				
o-CHLORONITROBENZENE	757	39,8	0,4864	0,2497	0,6195	0,8269	1,5293	12,7561	3,85%		1,59%	1,30%	9,58%
o-CHLOROPHENOL	675	50	0,4372	0,2744	0,4292	0,8839	2,0816	-10,1749	4,74%	6,62%		1,57%	9,30%
o-CHLOROTOLUENE	656	39,1	0,3044	0,2587	0,4391	0,8295	1,5165	4,9461	0,40%	0,80%		1,56%	19,74%
o-CRESOL	697,55	50,1	0,4339	0,2688	0,1860	0,8237	3,0314	-7,5829	1,00%	1,51%	1,80%	1,01%	28,88%
OCTADECAMETHYLOCTASILOXANE	688,9	6,2416	0,9837	0,2533	1,2135	0,9100	1,4005	2,5898	0,58%	0,91%		7,09%	14,29%
OCTAFLUORO-2-BUTENE	392	23,3	0,2922	0,2417	0,2160	0,8523	2,5134	18,0868	1,41%	1,72%	1,53%	5,44%	18,71%
OCTAFLUOROCYCLOBUTANE	388,37	27,775	0,3558	0,2719	0,2733	0,7999	2,0802	-6,9005	0,19%	1,45%	0,04%	0,91%	12,15%
OCTAFLUOROPROPANE	345,05	26,8	0,3280	0,2780	1,0245	1,0000	0,8170	-10,6238	0,48%			1,45%	13,61%
OCTAHYDRO-PENTALENE-1-CARBOXYLIC ACID	799,5	33,37	0,6928		0,4155	0,8370	2,7710		0,51%				
OCTAMETHYLCYCLOTETRASILOXANE	586,5	13,172	0,5837	0,2572	1,8359	0,9979	0,6066	2,5270	0,55%	1,46%		0,99%	15,40%
OCTAMETHYLTRISILOXANE	564,4	14,6	0,5377	0,2667	0,2860	0,8265	2,8698	-16,9603	0,98%	2,18%		2,76%	15,78%
OCTANAL	638,9	29,6	0,4420	0,2667	1,1777	1,0000	0,8440	-6,6507	0,83%	1,17%		1,60%	14,41%
o-CYMENE	657	29	0,3662	0,2566	1,1266	1,0000	0,7854	8,2233	1,41%	0,93%		1,45%	16,49%
o-DICHLOROBENZENE	705	40,7	0,2192	0,2553	1,5967	0,7780	0,4377	12,8329	1,26%	1,44%		2,15%	22,48%
o-DIETHYLBENZENE	668	28,8	0,3395	0,2534	1,3185	1,0000	0,6342	13,6248	0,94%	1,67%	0,63%	1,47%	15,38%
o-ETHYLANILINE	704	37,4	0,4620	0,2594	1,2479	1,0000	0,8077	2,9312	0,56%	0,49%		2,34%	12,25%
o-ETHYLPHENOL	703	42,9	0,4763	0,2770	0,2112	0,8235	3,0350	-14,6774	2,78%	3,57%	3,18%	3,17%	23,51%
o-ETHYLSTYRENE	666,7	29,36	0,3962	0,2497	1,1978	1,0000	0,7700	15,7032	0,64%	1,00%		1,56%	22,22%
o-ETHYLtolUENE	650	32,9	0,3353	0,2605	0,6803	0,8347	1,1400	4,3034	0,24%	0,70%		1,54%	17,25%
OLEIC ACID	781	13,9	1,1822	0,2349	0,7864	0,8242	2,3973	30,8313	0,47%	0,10%		3,35%	40,52%
o-METHYLSTYRENE	659	34,7	0,3412	0,2594	1,0763	0,9088	0,7785	5,2208	0,33%	0,38%		1,47%	17,98%
o-NITROANISOLE	782	37,6	0,5613	0,2444	0,7580	0,8437	1,4505	16,0895	0,64%	0,96%		1,55%	22,15%
o-NITRODIPHENYLAMINE	835	28,7	0,7669		0,9445	0,9362	1,5593		0,88%				
o-NITROTOLUENE	720	38	0,4878	0,2536	0,4245	0,8690	2,2702	8,6822	2,60%	3,00%		2,07%	7,84%
o-PHENYLENEDIAMINE	781	51,8	0,5389	0,2509	0,7891	0,8624	1,3795	6,3499	0,46%	1,04%		1,04%	20,32%
o-TERPHENYL	857	29,9	0,5513	0,2889	0,2654	0,8250	3,0052	-46,1500	3,89%	4,24%		4,06%	6,53%
o-TOLUALDEHYDE	694	36,7	0,4346	0,2453	0,3877	0,8490	2,1501	16,5372	0,26%			1,38%	20,93%
o-TOLUIC ACID	751	38,6	0,6572	0,2468	0,3529	0,8072	2,7566	9,6476	0,58%	1,16%		1,04%	22,83%
o-TOLUIDINE	716,5	47	0,3842	0,2691	0,2666	0,8176	2,3042	-4,7145	2,15%	1,38%	2,32%	1,84%	13,45%
OXAZOLE	554	63,2	0,2310		0,9150	0,9888	0,7744		1,67%	3,09%			
OXYGEN	154,58	50,43	0,0222	0,2899	0,2337	0,8896	1,3060	-2,7621	0,35%	1,38%	4,38%	1,14%	10,50%
o-XYLENE	630,3	37,32	0,3101	0,2611	0,3300	0,8425	1,9311	2,5506	0,37%	1,51%	1,04%	1,29%	15,98%
OZONE	261	55,7	0,2119	0,2505	0,2606	0,8077	1,6250	3,9988	2,47%	6,20%	9,85%	4,73%	30,07%
p,α-DIMETHYLBENZYL ALCOHOL	695,9	34,92	0,5945	0,2614	0,7169	0,8404	1,5821	-5,0165	0,65%	1,79%		2,29%	18,79%
p-AMINOAZOBENZENE	877	29	0,6345		0,5835	0,8142	1,9087		0,61%	0,95%			

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
p-AMINODIPHENYL	867	32,9	0,5419		1,0512	0,9760	1,0871		0,44%				
p-AMINODIPHENYLAMINE	867	31,9	0,6940		0,6732	0,8223	1,8286		0,57%	0,70%			
PARALDEHYDE	579	35	0,4368	0,2792	0,1193	0,8099	3,3466	-17,0285	1,77%	3,35%	1,96%	1,15%	20,50%
p-BROMOTOLUENE	699	43,7	0,3179	0,2813	1,0348	1,0000	0,7962	-14,5903	1,32%	1,90%		1,72%	11,72%
p-CHLOROANILINE	754	45,9	0,4210	0,2561	0,4555	0,8258	1,7839	6,1374	0,53%	1,35%		1,08%	13,66%
p-CHLOROBENZOTRIFLUORIDE	601	30,1	0,3715	0,2495	1,1930	1,0000	0,7431	13,5724	0,58%	1,10%		2,11%	24,50%
p-CHLORONITROBENZENE	751	39,8	0,4874	0,2407	1,2953	1,0000	0,8005	18,0484	0,83%	1,63%	0,49%	2,95%	7,46%
p-CHLOROPHENOL	738	53,2	0,4849	0,2743	0,6048	0,9141	1,7592	-10,3441	2,08%	2,59%		2,62%	12,28%
p-CHLOROTOLUENE	660	39,1	0,3123	0,2610	0,1847	0,8418	2,6862	2,7111	0,36%	1,27%		1,27%	19,09%
p-CRESOL	704,65	51,5	0,5072	0,2697	0,2386	0,8250	3,0043	-11,3407	4,76%	4,85%	3,05%	1,06%	30,34%
p-CUMYLPHENOL	834	28,6	0,6888	0,2679	0,3053	0,8166	3,1875	-18,0934	0,47%	1,46%	1,75%	2,95%	8,59%
p-CYMENE	652	28	0,3738	0,2559	0,5425	0,8337	1,4651	8,9738	0,81%	2,58%	1,97%	1,44%	17,94%
p-DICHLOROBENZENE	684,75	40,7	0,2846	0,2607	0,5452	0,8121	1,2117	5,1202	0,33%	1,39%	3,33%	1,17%	21,05%
p-DIETHYLBENZENE	657,9	28,03	0,4028	0,2550	1,3300	1,0000	0,6844	9,9876	1,64%	2,67%	0,90%	1,37%	18,69%
p-DIISOPROPYLBENZENE	689	24,5	0,3900	0,2577	1,8430	1,0000	0,4702	7,8325	1,00%	1,42%		1,31%	18,89%
p-DIISOPROPYLBENZENE HYDROPEROXIDE	810	24,9	0,9279	0,2472	0,7608	0,8243	2,0487	6,4038	1,03%	0,89%	2,23%	3,22%	23,32%
p-DIMETHYLAMINOBENZALDEHYDE	832	30,7	0,5272	0,2258	0,6342	0,9119	1,7806	48,5626	0,83%	2,84%		1,70%	36,75%
p-DIVINYLBENZENE	691,5	30,77	0,3830	0,2473	0,5722	0,8440	1,4475	19,0921	0,60%	2,07%		1,53%	20,19%
PENTACHLOROETHANE	665	36,8	0,2455	0,2523	0,1756	0,8516	2,5240	13,6116	0,80%			2,58%	21,48%
PENTACHLOROFLUOROETHANE	624	33,4	0,2450	0,2522	0,1030	0,8332	2,8411	14,6746	0,63%	2,72%		2,58%	21,16%
PENTAETHYLENE GLYCOL DIMETHYL ETHER	769,8	16,67	1,1388	0,2420	0,6103	0,8280	2,9438	16,1594	0,43%			6,06%	41,79%
PENTAFLUORO(TRIFLUOROMETHYL)SULFUR	381,3	33,71	0,2796	0,2973	0,8907	1,0000	0,8852	-21,1626	0,33%	0,95%		1,29%	6,99%
PENTAFLUOROETHANE	339,165	36,199	0,3053	0,2669	0,2569	0,8429	2,2482	-1,5351	0,80%	1,35%	5,55%	1,08%	14,06%
PENTAFLUOROETHYL METHYL ETHER	406,83	28,87	0,3535	0,2568	1,0932	0,9874	0,7963	5,1094	0,50%	1,74%		1,28%	18,08%
PENTAFLUOROETHYL TRIFLUOROVINYL ETHER	401	28	0,4493		1,2257	0,9891	0,8086		0,62%	1,16%			
PENTAFLUOROPHENOL	609	40	0,5030	0,2630	0,2740	0,8321	2,8629	-2,7200	2,04%	3,95%		1,07%	14,91%
PENTAMETHYLBENZENE	719,15	28,7	0,4637	0,2561	0,9527	0,9573	1,0911	7,1881	0,56%	0,79%	1,91%	1,50%	17,70%
PENTANAL	566,1	38,45	0,3132	0,2567	1,0201	1,0000	0,8276	5,1063	4,63%	1,45%		1,71%	18,59%
PERCHLORIC ACID	631	38,6	0,0498	0,1701	0,0189	0,8464	2,4381	87,0211	0,57%			27,46%	96,90%
PERCHLORYL FLUORIDE	368,4	53,7	0,1726	0,2822	0,2797	0,8393	1,5772	-4,9858	0,29%	1,42%	7,13%	1,32%	12,00%
PERFLUOROBUTANOIC ACID	530	26,5	0,7925	0,2413	0,6492	0,7813	1,9674	13,5434	0,59%			1,25%	24,10%
PERFLUOROMETHYLCYCLOPENTANE	451,437	21,717	0,4111	0,2667	0,2598	0,8051	2,3747	-6,2960	0,60%	1,82%		0,88%	16,61%
PERFLUORO-n-DODECANE	570,5	9,723	0,6209		0,4437	0,8111	2,2924		0,52%				
PERFLUORO-n-HEPTANE	475,65	16,1	0,5429	0,2557	1,3467	1,0000	0,8201	4,7168	0,74%	1,15%		1,04%	14,09%
PERFLUORO-n-HEXADECANE	620,8	6,354	0,6461	0,1964	0,3508	0,8107	2,7491	308,0624	0,33%			3,84%	36,82%
PERFLUORO-n-HEXANE	449,55	18,02	0,4965	0,2628	0,9150	0,8603	1,1297	-3,3707	0,14%	1,72%		1,56%	13,85%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
PERFLUORO-n-NONANE	523,9	12,96	0,5253	0,2448	0,2129	0,8172	3,1724	31,6578	0,39%			1,13%	21,69%
PERFLUORO-n-OCTANE	502,2	14,78	0,5084	0,2536	0,1637	0,8089	3,3700	10,6434	1,23%	3,32%		0,98%	19,40%
PERFLUORO-n-PENTANE	423,1	20,466	0,4016	0,2663	1,4924	1,0000	0,6055	-5,2243	0,69%	1,11%		1,41%	15,75%
p-ETHYLPHENOL	716,45	42,9	0,5154	0,2691	1,7497	1,0000	0,5859	-9,4710	0,97%	2,91%	1,14%	1,20%	16,66%
p-ETHYLSTYRENE	674	29,36	0,3965	0,2529	1,1736	1,0000	0,7885	12,8608	0,59%	1,04%		1,67%	25,30%
p-ETHYLTOLUENE	640,2	32,3	0,3666	0,2670	1,2752	1,0000	0,6733	-2,2727	2,82%	3,15%	1,63%	2,31%	19,17%
PHENANTHRENE	869	29	0,4707	0,2221	0,3681	0,8495	2,3700	56,0051	1,13%	2,08%	1,10%	4,84%	28,14%
PHENETOLE	647,15	34,2	0,4179	0,2546	0,2490	0,8390	2,7355	6,9208	1,11%	2,37%		1,26%	22,23%
PHENOL	694,25	61,3	0,4435	0,2754	0,1991	0,8256	2,9911	-10,9341	3,59%	3,90%	4,60%	1,15%	31,18%
PHENOTHAZINE	923	40,01	0,5796		0,3416	0,8080	2,5762		0,54%	1,24%			
PHENYL ISOCYANATE	653	40,6	0,4123	0,2615	0,4346	0,8859	2,0581	1,7393	1,51%	2,66%		2,19%	10,63%
PHENYL MERCAPTAN	689	47,4	0,2628	0,2675	0,2927	0,8019	1,7338	-0,6020	2,00%	2,09%	0,79%	1,25%	18,13%
PHENYLACETONITRILE	732	34,6	0,4715	0,2273	1,0452	0,9998	1,0090	36,3803	2,00%	1,40%		3,21%	28,99%
PHENYLHYDRAZINE	761	49,1	0,5351	0,2583	0,5860	0,8999	1,9025	2,7944	5,70%			2,30%	5,90%
PHENYLMETHYLDICHLOROSILANE	689	28,7	0,4022	0,2664	0,5232	0,8305	1,5677	-2,9274	0,29%	0,54%		3,22%	21,36%
PHENYLTRICHLOROSILANE	688	29,6	0,3956	0,2637	0,6191	0,8573	1,3992	-1,3447	0,35%	0,86%		1,90%	19,32%
PHOSGENE	455	56,742	0,2013	0,2788	0,3624	0,8156	1,3444	-5,1141	1,28%	1,94%	0,67%	1,17%	10,56%
PHOSPHINE	324,75	65,4	0,0452	0,3001	0,1762	0,9066	1,8325	-7,2264	1,10%	2,76%		2,02%	18,71%
PHOSPHORUS (RED)	993,75	83,2891	0,0051		0,2623	0,9676	1,3073		0,09%				
PHOSPHORUS OXYCHLORIDE	602,15	34,4	0,0832	0,2108	1,2225	0,7088	0,4262	54,9744	4,41%		0,32%	10,27%	95,23%
PHOSPHORUS TRICHLORIDE	563,15	56,7	0,2344	0,2971	0,2007	0,8647	2,3288	-16,0226	4,07%	3,94%	1,56%	3,39%	3,80%
PHOSPHORUS TRIFLUORIDE	271,1	43,266	0,2121	0,2804	0,1374	0,8497	2,5548	-4,5602	1,96%	4,76%	2,50%	0,86%	10,92%
PHTHALAN	700	42,85	0,3715	0,2598	0,2863	0,8308	2,2767	2,7910	0,62%	3,41%		1,14%	16,43%
PHTHALIC ACID	800	39,5	1,0585		0,4384	0,8064	3,4341		0,50%	0,64%			
PHTHALIDE	830,9	50,95	0,5360	0,2665	0,5861	0,8993	1,9083	-6,3795	3,98%			2,40%	12,85%
p-HYDROQUINONE	838,8	58,91	0,4858	0,2455	0,1064	0,6884	2,4519	12,1189	0,41%			2,07%	20,89%
p-HYDROXYBENZALDEHYDE	844	49,9	0,6172	0,2395	1,0061	0,9741	1,2571	13,8071	0,88%	1,01%		1,83%	15,92%
PIMELIC ACID	842	32,8	0,8114	0,2459	0,3655	0,7015	2,4893	17,1331	0,59%			3,40%	32,02%
PIPERAZINE	638	55,3	0,4138		0,3886	0,8008	1,8691		0,53%	1,38%			
PIPERIDINE	594,05	46,5082	0,2428	0,2730	1,1275	1,0000	0,6322	-4,4548	1,34%	1,00%	2,85%	0,98%	7,44%
p-ISOPROPENYL PHENOL	742,7	39,36	0,5236		0,6645	0,7801	1,4577		0,68%	1,73%			
p-METHANE HYDROPEROXIDE	711	29,5	0,9007	0,2794	0,5643	0,8126	2,5382	-40,0082	0,66%	0,79%		3,60%	18,63%
p-METHYLSTYRENE	665	33,6	0,3175	0,2664	1,3231	1,0000	0,6028	3,3157	0,31%	0,72%	0,55%	3,66%	16,60%
p-NITROANILINE	851	44,2	0,7824		0,3522	0,8154	3,2138		1,07%	0,51%			
p-NITROTOLUENE	743	32,07	0,4252	0,2205	0,4860	0,8942	1,9642	49,3312	2,42%			3,91%	23,09%
p-PHENETIDINE	754	35,7	0,5351	0,2573	0,4999	0,8158	1,9113	5,2814	0,30%	2,12%		3,35%	19,85%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
p-PHENYLEDIAMINE	796	51,8	0,5386	0,2480	0,4385	0,8055	2,0724	9,0429	0,53%	1,43%		1,03%	21,04%
PROPADIENE	394	52,5	0,1041	0,2682	1,9507	0,8298	0,2743	1,8231	1,09%	1,30%		2,03%	15,14%
PROPANAL	503,6	50,38	0,2813	0,2549	0,9688	1,0000	0,8039	5,9752	0,59%	3,90%		1,46%	22,31%
PROPANE	369,83	42,48	0,1523	0,2774	0,7212	0,9076	0,7830	-3,7399	0,42%	1,22%	4,35%	1,49%	13,13%
PROPARGYL ALCOHOL	588,8	61,9	0,4567	0,2405	0,3924	0,8636	2,2901	10,4454	0,29%			1,32%	22,46%
PROPARGYL CHLORIDE	541	53	0,1500	0,2444	1,0067	0,9989	0,5787	12,8417	0,67%	2,28%		6,79%	17,56%
PROPENYL CYCLOHEXENE	636	31,2	0,3420	0,2612	1,2597	1,0000	0,6648	2,3737	0,52%	1,15%	3,19%	1,40%	18,68%
PROPIONIC ACID	600,81	46,68	0,5796	0,2254	1,2117	1,0000	0,9675	20,7991	0,55%			3,47%	31,13%
PROPIONIC ANHYDRIDE	623	32,7	0,5599	0,2586	0,3352	0,8378	2,7562	0,4300	1,13%	2,49%	1,12%	2,82%	22,86%
PROPIONITRILE	561,3	42,6	0,3501	0,2165	0,3483	0,8764	2,1740	32,8820	2,35%	3,86%		5,44%	25,57%
PROPYL CHLORIDE	503,15	44,25	0,2150	0,2621	0,2752	0,8165	1,6682	3,1458	1,02%	2,58%	1,12%	1,89%	18,30%
PROPYLENE	364,85	46	0,1376	0,2782	0,4902	0,8457	1,0060	-3,5465	0,79%	1,86%	2,15%	1,41%	11,49%
PROPYLENE GLYCOL 1-tert-BUTYL ETHER	600,7	27,2	0,4863	0,2553	1,0406	0,9233	1,0078	5,4491	0,57%	1,42%		1,38%	19,19%
PROPYLENE GLYCOL 2-tert-BUTYL ETHER	600,6	27,2	0,4867	0,2554	0,6412	0,8299	1,5055	5,3292	0,49%	1,63%		1,19%	19,20%
PROPYLENE GLYCOL MONOALLYL ETHER	616,6	33,76	0,4797	0,2571	1,6151	1,0000	0,6190	3,1209	0,65%	1,28%		1,50%	18,89%
PROPYLENE GLYCOL MONOMETHYL ETHER	579,8	41,13	0,4427	0,2520	1,2018	1,0000	0,8256	5,9428	2,21%	1,46%		1,53%	24,77%
PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE	597,9	30,09	0,4807	0,2548	1,3420	1,0000	0,7606	5,8149	1,49%	0,88%	2,18%	1,52%	19,25%
PROPYLENE GLYCOL n-BUTYL ETHER	624,9	27,39	0,5008	0,2485	1,4088	1,0000	0,7424	12,6298	0,88%	1,02%		1,57%	24,83%
PROPYLENEIMINE	539,9	54,79	0,2295	0,2572	0,8255	0,4104	0,6777	6,0264	0,51%			2,69%	16,51%
p-TERPHENYL	908	29,9	0,6426	0,2753	0,2908	0,8187	3,1388	-30,9638	0,60%	1,20%	0,97%	1,67%	10,72%
p-tert-AMYLPHENOL	752	29,8	0,5635		0,3054	0,8167	2,7600		0,29%	0,49%			
p-tert-BUTYL ETHYLBENZENE	684	23,8	0,4347	0,2533	0,5717	0,8091	1,4905	12,7611	0,29%	0,95%	0,50%	1,39%	19,30%
p-tert-BUTYLCATECHOL	776	37,7	0,7344	0,2829	0,4654	0,8105	2,5069	-31,5520	0,86%	0,81%		3,69%	9,13%
p-tert-BUTYLPHENOL	734	33,4	0,5094	0,2652	0,1914	0,8143	3,2397	-8,0032	1,72%	3,62%		0,92%	15,55%
p-tert-BUTYLSTYRENE	709	24,8	0,4216	0,2499	0,2518	0,8395	2,7257	18,2276	1,28%	2,17%	1,90%	1,36%	19,94%
p-tert-OCTYLPHENOL	765	22,8	0,6326		0,2924	0,8169	3,0742		0,27%	0,49%			
p-TOLUALDEHYDE	715,8	39,22	0,3827	0,2540	0,3623	0,8384	2,0386	8,5065	0,68%	2,12%		1,23%	18,95%
p-TOLUIC ACID	775	38	0,6291		0,4275	0,7617	2,1573		0,55%	2,40%			
p-TOLUIDINE	693,15	40	0,4722	0,2444	0,2824	0,8385	2,7441	13,5783	1,74%	3,28%	1,33%	1,68%	24,08%
p-XYLENE	616,2	35,11	0,3218	0,2581	0,2243	0,8496	2,5557	5,3664	0,44%	0,86%	5,48%	1,45%	17,25%
PYRAZINE	626	54,9	0,2030	0,2496	0,1365	0,8489	2,5663	12,0445	1,79%	2,43%		2,83%	1,97%
PYRAZOLE	734	66	0,2868	0,2352	0,2284	0,8276	2,2063	18,3442	0,64%	1,61%		3,93%	13,15%
PYRENE	936	26,1	0,5074		0,3707	0,8530	2,5016		1,92%	3,17%	1,51%		
PYRIDAZINE	774	54,9	0,2035	0,2242	0,7406	0,8586	0,8452	34,0376	1,14%		1,61%	6,61%	19,09%
PYRIDINE	619,95	56,3	0,2386	0,2697	0,5362	0,8088	1,1171	-0,8471	0,30%	1,07%	0,31%	1,20%	11,14%
PYRIMIDINE	638	54,9	0,2105	0,2458	0,1032	0,8404	2,7103	14,1518	0,89%		0,41%	4,05%	3,24%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
PYRROLE	639,75	65,3	0,2976	0,2584	1,2799	1,0000	0,6072	3,2543	0,82%	0,89%	0,20%	2,27%	7,45%
PYRROLIDINE	568,55	56,1	0,2668	0,2767	1,4160	1,0000	0,5105	-6,4105	0,24%	0,58%		1,08%	6,60%
QUINALDINE	769	33,5	0,3591	0,2426	1,5327	1,0000	0,5515	26,9970	2,39%	2,48%		2,45%	14,23%
QUINOLINE	782,15	48,6	0,3465	0,2768	0,2825	0,8527	2,3413	-12,2038	0,68%	2,34%	2,67%	2,19%	14,16%
QUINONE	683	59,6	0,4945	0,2796	0,5641	0,8476	1,7204	-14,1206	0,65%	0,80%	10,01%	0,67%	5,50%
RADON	377,5	62,8	0,0000	0,2806	0,1563	0,0000	0,2808	-0,8068	1,83%			2,73%	12,20%
RDX	895,2	41,6	1,0118		0,5757	0,8094	2,7219		0,86%	1,17%	1,16%		
SACCHARIN	968	57,25	0,6157		1,1061	0,9149	1,1021		0,89%	0,82%	0,66%		
SALICYLIC ACID	739	51,8	0,8512	0,2752	0,3647	0,8111	3,3170	-19,5143	1,14%	1,15%		1,39%	17,84%
SEBACIC ACID	845	25	0,9608	0,2338	0,6816	0,6761	1,9555	27,5417	0,66%			1,28%	34,46%
sec-BUTENYL ACETATE	563,5	33,07	0,3922	0,2636	1,3918	1,0000	0,6470	-1,4440	0,73%	1,20%		1,34%	16,83%
sec-BUTYL ACETATE	561	31,7	0,3954	0,2675	1,3282	1,0000	0,6810	-4,6660	1,14%	3,59%	0,18%	2,07%	17,48%
sec-BUTYL ACRYLATE	580	29,7	0,4418	0,2636	1,3415	1,0000	0,7249	-3,1400	1,14%	1,19%		1,47%	17,08%
sec-BUTYL CHLORIDE	520,6	39	0,2907	0,2682	0,2168	0,8550	2,4713	-2,7749	1,10%	2,77%	0,93%	1,38%	14,65%
sec-BUTYL FORMATE	546	35,8	0,3489	0,2636	1,3683	1,0000	0,6114	-0,4638	0,75%	2,23%	2,58%	1,45%	16,15%
sec-BUTYL MERCAPTAN	554	40,6	0,2506	0,2743	0,3249	0,8256	1,6494	-6,0639	1,80%	2,03%	1,19%	1,80%	15,58%
sec-BUTYLAMINE	514,3	40	0,2815	0,2642	0,5057	0,8049	1,2627	0,3295	0,31%	2,00%	0,29%	1,75%	5,90%
sec-BUTYLBENZENE	664,54	29,5	0,2791	0,2605	1,2505	1,0000	0,6094	6,5217	1,13%	4,23%	1,64%	1,42%	14,53%
sec-BUTYLCYCLOHEXANE	654	25,85	0,3516	0,2589	1,1977	1,0000	0,7189	6,6855	0,69%	1,20%		2,03%	24,26%
sec-BUTYL-tert-BUTYL ETHER	559,4	25,61	0,3489	0,2728	1,1879	1,0000	0,7202	-11,3662	0,58%	1,36%	0,47%	1,42%	16,97%
SILANE	269,7	48,4	0,0938	0,3138	0,3757	0,9627	1,3457	-12,8044	3,10%			5,65%	16,97%
SITOSTEROL	953	11,2	1,0543		0,4877	0,8123	3,2139		0,51%	1,25%			
STIGMASTEROL	953,6	11,38	1,0631		0,4812	0,8128	3,2767		0,61%	1,75%			
STYRENE	636	38,4	0,2971	0,2612	0,3391	0,8164	1,7254	4,1190	1,29%	1,40%	1,98%	1,18%	19,09%
STYRENE GLYCOL	776,4	39,24	0,6159		0,5014	0,8121	2,0970		0,64%	1,62%			
SUBERIC ACID	843	29,7	0,8514	0,2317	0,2467	0,6582	2,7155	31,4460	0,54%			1,61%	31,19%
SUCCINIC ANHYDRIDE	811	67,3	0,5322		0,5992	0,9042	1,8574		3,95%	4,89%			
SUCCINIMIDE	858	59,7	0,4834	0,2250	0,2075	0,8060	2,9202	26,3508	0,48%			3,67%	25,82%
SUCCINONITRILE	770	35,4	0,5587	0,1781	0,4509	0,8104	2,1089	86,1566	0,67%	2,08%		10,76%	56,59%
SUCROSE	1086	26,9	0,3653	0,2213	0,6660	0,8422	1,2332	78,5403	0,57%	1,88%		9,69%	25,27%
SULFOLANE	853	50,3	0,3823	0,2355	0,2527	0,8448	2,6046	23,8418	0,26%	1,34%		2,81%	36,53%
SULFUR DIOXIDE	430,75	78,841	0,2454	0,2671	0,3949	0,8240	1,4643	-0,0517	2,03%	1,14%	4,05%	1,02%	14,50%
SULFUR HEXAFLUORIDE	318,69	37,6	0,2151	0,2796	0,3620	0,8049	1,3725	-5,6658	1,04%	1,80%		1,10%	11,98%
SULFUR TRIOXIDE	490,85	82,1	0,4240	0,2726	0,0000	0,3050	1,2510	-0,0539	5,01%	5,81%		3,41%	20,36%
SULFURYL CHLORIDE	545	46,1	0,1764	0,2491	1,3947	0,5856	0,4704	13,4150	1,22%	1,71%		3,94%	23,39%
SYRINGOL	752,2	37,85	0,6551	0,2570	0,5070	0,8245	2,2217	-1,6616	0,60%	1,48%		1,69%	19,90%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
t-BUTYL ACETOACETATE	636,5	27,73	0,5832		0,6893	0,8429	1,6217		0,64%	1,27%			
t-BUTYL HYDROPEROXIDE	552	43,4	0,6623	0,2720	1,3697	0,9935	0,9228	-12,1170	0,47%	0,46%		1,43%	16,27%
TEREPHTHALDEHYDE	739	36,7	0,5832		0,3513	0,8006	2,4948		0,51%	1,71%	0,66%		
TEREPHTHALIC ACID	883,6	34,86	0,9469		0,6124	0,8475	2,5903		0,32%				
TEREPHTHALOYL CHLORIDE	755,4	38,2	0,6730	0,2701	0,4341	0,8269	2,5628	-17,3226	0,57%	1,39%		1,88%	10,99%
TERPINOLENE	667	28,2	0,3762	0,2572	0,9683	0,8671	0,9050	8,0086	0,66%	1,15%	0,08%	1,44%	21,00%
tert-BUTYL ACETATE	545	31,7	0,3396	0,2667	1,3717	1,0000	0,6113	-4,0778	1,77%	2,47%		1,25%	14,01%
tert-BUTYL CHLORIDE	507	39	0,1914	0,2796	0,1480	0,8472	2,3778	-8,1791	0,61%	3,25%	0,30%	0,81%	13,48%
tert-BUTYL ETHYL ETHER	509,4	29,34	0,3162	0,2689	1,2429	0,9987	0,6473	-4,1529	0,56%	1,70%		1,31%	13,68%
tert-BUTYL FORMATE	537	35,8	0,2944	0,2748	0,3191	0,7935	1,6955	-6,1669	0,59%	2,01%	3,69%	1,45%	16,63%
tert-BUTYL MERCAPTAN	530	40,6	0,1914	0,2879	0,1162	0,8339	2,4491	-14,0514	0,82%	2,45%	0,25%	0,82%	13,26%
tert-BUTYL METHACRYLATE	588,3	27,27	0,3977	0,2672	1,4867	1,0000	0,6055	-6,5005	0,57%	1,22%		1,25%	15,98%
tert-BUTYLAMINE	483,9	38,4	0,2748	0,2689	1,6973	0,8302	0,4451	-3,1773	1,04%	3,15%	1,62%	2,47%	11,01%
tert-BUTYLBENZENE	660	29,7	0,2674	0,2663	1,4331	1,0000	0,5120	1,4661	2,03%	2,17%	0,51%	1,64%	15,14%
tert-BUTYLCYCLOHEXANE	652	26,6	0,2991	0,2669	0,4896	0,7783	1,2845	-0,8934	0,75%	4,88%		1,64%	23,01%
tert-BUTYLFORMAMIDE	692	35,6	0,4491	0,2371	0,5645	0,8194	1,5636	25,6791	0,64%	1,45%		1,87%	23,01%
tert-DODECYL MERCAPTAN	691	18,6	0,6098	0,2498	0,7686	0,8384	1,5075	14,8093	0,84%	1,00%	1,81%	1,71%	21,23%
tert-NONYL MERCAPTAN	659	23,4	0,4514	0,2476	0,5079	0,7809	1,5995	21,0079	0,35%	2,60%	0,93%	1,40%	20,48%
tert-OCTYL MERCAPTAN	627	25,9	0,3001	0,2629	0,5244	0,8099	1,2812	2,7719	0,46%	2,09%	0,19%	1,34%	16,44%
TETRACHLOROETHYLENE	620	44,9	0,2138	0,2646	1,2026	1,0000	0,5578	0,8955	1,94%	1,34%	1,38%	2,09%	41,95%
TETRACHLOROSILANE	507	35,9	0,2318	0,2710	1,3947	0,9710	0,4835	-3,0903	0,65%	1,91%	0,38%	1,34%	11,67%
TETRADECAMETHYLHEXASILOXANE	653,2	8,0351	0,7769	0,2481	1,5812	0,9987	0,8737	25,8390	0,71%	0,94%		2,65%	22,14%
TETRAETHYL LEAD	655	21,25	0,4812	0,2366	0,5041	0,8196	1,7846	33,1483	1,71%	2,09%	1,32%	3,82%	18,64%
TETRAETHYL SILANE	606	24	0,4002	0,2673	0,6572	0,8510	1,3199	-7,6875	0,42%	1,53%	6,01%	1,61%	11,25%
TETRAETHYLENE GLYCOL	795	25,9	0,9174	0,2294	0,4426	0,8185	3,1435	30,0710	1,16%	1,96%		1,67%	33,77%
TETRAETHYLENE GLYCOL DIMETHYL ETHER	705	19,4	0,9652	0,2508	0,8040	0,8796	2,1344	1,3344	0,83%			5,97%	37,61%
TETRAETHYLENE GLYCOL MONOETHYL ETHER	732	23,6	0,9045	0,2630	0,5458	0,8108	2,6065	-21,4580	0,64%	1,28%		3,31%	20,09%
TETRAETHYLENE GLYCOL MONOMETHYL ETHER	720	26,01	0,9717	0,2660	0,5178	0,8132	2,8862	-25,7852	0,62%	1,28%		3,57%	19,82%
TETRAFLUOROETHYLENE	306,45	39,44	0,2265	0,2702	0,2950	0,8162	1,6400	-1,3926	0,39%	1,38%	0,35%	1,25%	16,27%
TETRAFLUOROHYDRAZINE	309,35	37,1	0,2233	0,2776	0,4809	0,9523	1,4271	-5,0829	3,95%	6,55%		1,13%	2,44%
TETRAHYDROFURAN	540,15	51,9	0,2254	0,2676	0,5172	0,8287	1,1418	-0,6084	1,01%	2,48%	0,87%	1,48%	19,02%
TETRAHYDROPYRAN	572,04	47,712	0,2162	0,2744	1,0475	1,0000	0,6469	-5,9254	0,46%	1,74%		1,63%	18,90%
TETRAHYDROTHIOPHENE	631,95	51,6	0,1996	0,2596	0,6056	0,8264	0,9587	4,8990	0,55%	1,24%	0,50%	3,09%	23,74%
TETRAMANTANE	867,7	15,51	0,2726		0,3735	0,8141	1,5549		0,54%	3,43%			
TETRAMETHYLETHYLENEDIAMINE	569	28,2	0,3915	0,2642	0,3221	0,8048	2,0425	-2,4523	0,53%	1,72%	0,40%	1,21%	16,97%
TETRAMETHYLSILANE	450,4	28,14	0,2240	0,2722	0,8272	0,8391	0,7839	-4,2442	0,69%	0,57%	0,53%	1,12%	15,78%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
TETRAPHENYLETHYLENE	996	17,1	0,7285		0,4448	0,8065	2,5493		0,50%	1,43%			
TETRAPHENYL METHANE	983	17,9	0,6794		0,4643	0,7959	2,3027		0,61%	1,89%	1,13%		
THIACYCLOPROPANE	547	67,8	0,1610	0,2599	0,2366	0,8359	1,6825	4,2711	0,40%	1,55%		2,35%	20,92%
THIAINDAN	759,8	37,07	0,3327	0,2425	1,0847	1,0000	0,7768	24,7587	0,46%	1,65%		2,15%	20,85%
THIOGLYCOLIC ACID	733	61	0,5598	0,2394	1,1010	0,9967	1,0591	12,4575	0,67%			1,54%	23,29%
THONYL CHLORIDE	567	44,3	0,0946	0,2221	1,3093	1,0000	0,3991	33,9521	4,55%	1,91%		9,60%	40,95%
THIOPHENE	579,35	56,9	0,1970	0,2722	0,3234	0,7975	1,3835	-2,2421	1,07%	1,84%	0,68%	1,20%	19,85%
THIOUREA	854	82,3	0,3586		0,4246	0,8057	1,6354		0,51%	1,49%			
THYMOL	698,25	34,08	0,7226	0,2646	0,6248	0,8760	2,1786	-18,2163	1,33%			1,16%	24,28%
TIN(IV) CHLORIDE	591,85	37,436	0,2613	0,2668	0,4205	0,7875	1,3372	-0,1157	0,48%	1,68%	1,00%	1,13%	15,15%
TOLUENE	591,75	41,08	0,2640	0,2641	0,3172	0,8302	1,7523	1,2382	0,39%	1,39%	0,50%	1,35%	16,12%
trans,trans-2,4-HEXADIENE	535	33,5	0,2821	0,2540	0,1857	0,8327	2,4513	9,4781	0,49%	1,73%	0,29%	2,34%	20,45%
trans-1,2-DICHLOROETHYLENE	516,5	55,1	0,2234	0,2768	0,2048	0,8451	2,0956	-4,4260	3,53%	1,38%	1,89%	0,92%	8,93%
trans-1,2-DIMETHYLCYCLOHEXANE	596,15	29,3843	0,2379	0,2590	1,2389	1,0000	0,5616	8,9640	0,67%	0,86%	0,43%	2,00%	10,78%
trans-1,2-DIMETHYLCYCLOPENTANE	553,15	34,4505	0,2698	0,2789	0,1992	0,8532	2,4987	-12,0184	0,56%	1,30%		2,30%	17,33%
trans-1,3,3,3-TETRAFLUOROPROPENE	382,51	36,62	0,3238	0,2662	0,2065	0,8072	2,3128	-1,4445	1,03%	2,80%		1,23%	14,22%
trans-1,3-DICHLOROPROPENE	606,5	47,04	0,2234	0,2596	1,6930	0,9985	0,3896	5,8801	0,69%	2,06%		2,22%	16,42%
trans-1,3-DIMETHYLCYCLOHEXANE	598	29,3843	0,2335	0,2598	1,3855	1,0000	0,4950	9,2856	1,33%	0,77%	1,20%	1,47%	11,06%
trans-1,3-DIMETHYLCYCLOPENTANE	553	34,45	0,2699	0,2785	1,2632	1,0000	0,5758	-11,3865	2,03%	2,46%	0,74%	2,08%	17,13%
trans-1,3-HEXADIENE	521,1	33,54	0,2783	0,2595	0,3865	0,8307	1,5917	4,7891	0,52%	2,15%		1,56%	18,52%
trans-1,3-PENTADIENE	500	37,4	0,1162	0,2595	1,7636	1,0000	0,3047	8,7234	4,46%	3,75%	1,18%	2,72%	20,64%
trans-1,4-DIETHYLCYCLOHEXANE	649,9	28,17	0,3846	0,2731	1,1972	1,0000	0,7573	-14,6970	0,67%	0,96%		1,84%	14,68%
trans-1,4-DIMETHYLCYCLOHEXANE	587,7	29,4	0,2548	0,2647	0,7137	0,8390	0,9475	2,2398	0,29%	1,02%	0,22%	1,29%	13,04%
trans-1,8-TERPIN	702,7	29,49	1,0818		0,4536	0,8070	3,4188		0,56%	1,29%			
trans-1-PROPYNYLBENZENE	670	33,6	0,3393	0,2553	1,2639	1,0000	0,6589	10,5794	0,61%	1,52%	0,70%	1,34%	22,62%
trans-2,2,4,6,6-PENTAMETHYL-3-HEPTENE	637,8	19,64	0,3619		1,1809	1,0000	0,7411		0,49%	1,73%			
trans-2,n-HEXYL-DECAHYDRONAPHTHALENE	777,2	18,14	0,4668		0,3286	0,8084	2,2779		0,50%	3,40%	5,15%		
trans-2-BUTENE	428,6	41	0,2176	0,2720	0,3114	0,8502	1,6777	-2,8797	0,90%	1,02%	0,83%	1,12%	13,47%
trans-2-DECENE	619	21,8	0,4820	0,2509	0,5182	0,7972	1,6870	14,2461	0,56%	1,62%	1,85%	1,38%	20,59%
trans-2-DODECENE	663	18,9	0,5693		0,5440	0,7955	1,8156		0,57%	1,50%	3,33%		
trans-2-EICOSENE	741,8	12,21	0,8784		0,4590	0,8121	2,9102		0,53%	2,11%	7,32%		
trans-2-HEPTENE	543,1	28,5	0,3366	0,2586	0,2308	0,8388	2,4882	4,6414	0,43%	3,22%	0,18%	1,37%	20,00%
trans-2-HEXENE	509,8	31,68	0,2886	0,2623	0,6213	0,8513	1,1545	2,0502	0,40%	1,89%	0,52%	1,47%	18,62%
trans-2-METHYL-1,3-PENTADIENE	530,3	33,8	0,2477	0,2574	1,2764	1,0000	0,5552	8,2250	0,54%	2,05%		1,95%	16,90%
trans-2-NONENE	597,1	23,7	0,4304		1,0958	1,0000	0,9001		0,76%	1,09%			
trans-2-OCTENE	571,6	25,89	0,3840	0,2556	0,2307	0,8407	2,7042	7,5383	0,44%	4,40%	0,70%	1,33%	20,51%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
trans-2-PENTADECENE	701,6	15,67	0,6894		0,5947	0,8229	2,0209		0,47%	1,82%			
trans-2-PENTENE	474,2	36,6	0,2484	0,2709	0,4710	0,8384	1,3073	-3,4350	0,45%	1,25%	1,24%	1,38%	14,19%
trans-2-PHENYLBUTENE-2	654	30,1	0,3610	0,2570	0,7383	0,8469	1,1241	7,4600	0,70%	1,60%		1,27%	18,07%
trans-3-HEPTENE	540	28,5	0,3341	0,2604	0,3723	0,8292	1,7944	3,1812	0,85%	2,39%	2,16%	1,57%	18,49%
trans-3-HEXENE	509	31,7	0,2854	0,2654	0,4171	0,8173	1,4861	0,3305	0,80%	0,61%	0,79%	1,41%	16,83%
trans-3-METHYLCYCLOHEXANOL	627	37,9	0,6806	0,2605	0,4211	0,8027	2,4951	-8,4099	0,62%	1,22%	1,74%	1,05%	15,30%
trans-3-OCTENE	574	25,8	0,3438	0,2569	0,3207	0,8186	1,9599	8,3484	0,84%	2,30%	0,95%	1,46%	16,73%
trans-4-METHYLCYCLOHEXANOL	622	37,9	0,6940	0,2679	0,4610	0,7978	2,3558	-13,7784	0,74%	1,16%	1,45%	1,57%	15,84%
trans-4-OCTENE	573	25,8	0,3393	0,2573	0,2720	0,8286	2,2123	7,8095	1,08%	1,92%	1,12%	1,36%	16,63%
trans-CROTONALDEHYDE	565	38,7	0,3435		0,2903	0,8616	2,3738		2,70%		5,72%		
trans-CROTONIC ACID	666	47	0,5708	0,2514	0,1832	0,8063	3,4372	8,5195	0,67%	1,73%		2,11%	30,98%
trans-CROTONITRILE	586	38,8	0,3977	0,2243	0,4074	0,8814	2,1120	31,1022	0,32%	1,64%		2,93%	25,86%
trans-DECAHYDRONAPHTHALENE	687	32	0,2993	0,2713	0,2893	0,8348	2,0054	-8,3627	0,77%	2,19%	1,95%	1,25%	16,06%
trans-STILBENE	820	27,4	0,4874	0,2438	1,8978	1,0000	0,5183	27,7304	1,27%	2,21%		1,77%	21,44%
TRIALLYLAMINE	592	24,6	0,4987	0,2605	0,6933	0,8344	1,4314	-1,5939	1,49%	1,71%	3,73%	1,79%	18,36%
TRIAMANTANE	834,5	18,39	0,1869		0,2660	0,8154	1,5852		0,44%				
TRIAMYLAMINE	660	15	0,8526	0,2488	0,8548	0,8440	1,7525	4,3449	0,44%	0,32%		2,06%	25,45%
TRIBROMOMETHANE	696	60,9	0,1561	0,2856	1,0701	0,7536	0,5325	-8,7536	0,83%	2,02%	2,25%	1,41%	5,19%
TRICAPRIN	876,6	4,546	1,3974	0,1719	0,6510	0,8127	3,2769	686,3760	1,43%			2,60%	50,43%
TRICAPRYLIN	850,7	5,932	1,2174	0,1822	0,6451	0,8262	2,9801	463,3649	1,16%			2,26%	44,89%
TRICHLOROACETALDEHYDE	565	44,1	0,3323	0,2668	1,1769	1,0000	0,7077	-2,4221	0,61%	1,19%		1,16%	14,54%
TRICHLOROACETIC ACID	688	48,1	0,5490	0,2630	1,3798	1,0000	0,8055	-3,2413	0,87%	0,72%		1,32%	19,36%
TRICHLOROACETYL CHLORIDE	604	43,2	0,2824	0,2821	0,2396	0,8611	2,3811	-13,0537	1,39%	2,57%		1,93%	8,69%
TRICHLOROETHYLENE	571	49,1	0,2166	0,2707	0,6971	0,8571	0,9100	-2,0093	1,25%	1,57%	0,14%	1,25%	16,89%
TRICHLOROFLUOROMETHANE	471,2	44,08	0,1894	0,2763	0,3599	0,8296	1,3654	-4,7380	0,69%	0,73%	0,97%	1,13%	12,08%
TRICHLOROSILANE	479	41,7	0,2031	0,2784	1,2549	1,0000	0,5106	-7,2617	0,52%	2,57%		1,26%	12,26%
TRIDECAFLUOROHEPTANOIC ACID	583	20,75	0,9562	0,2612	0,4223	0,7242	2,7263	-16,7576	0,59%			1,80%	20,47%
TRIDECANAL	720	22,38	0,7452	0,2631	0,5079	0,8488	2,5682	-17,0924	0,46%	1,27%		2,40%	18,22%
TRIETHYL ALUMINUM	678,15	89,3	0,8418	0,4531	1,2515	0,9407	1,2091	-106,3511	1,25%	0,99%		8,79%	30,63%
TRIETHYL ESTER PHOSPHOROUS ACID	664,4	53,77	0,3308	0,3805	1,0897	1,0000	0,7699	-95,5918	0,61%	1,28%		4,69%	5,22%
TRIETHYL GALLIUM	581,2	25	0,4957	0,2420	2,2985	0,4384	0,6011	23,9098	5,47%		8,72%	1,87%	21,85%
TRIETHYL ORTHOFORMATE	585	26,76	0,5447	0,2714	0,6387	0,8565	1,6827	-15,6482	0,62%	1,24%		3,35%	18,67%
TRIETHYL PHOSPHATE	757	68,4	0,4145	0,4800	0,9738	1,0000	1,0000	-148,9122	1,11%			18,31%	26,32%
TRIETHYLAMINE	535,15	30,4	0,3162	0,2690	0,6306	0,8435	1,1857	-5,2167	0,53%	1,94%	2,47%	1,46%	16,70%
TRIETHYLENE GLYCOL BIS(2-ETHYLHEXANOATE)	820,7	10,94	1,0371	0,2277	0,7132	0,8509	2,4490	69,2799	0,65%			2,58%	42,05%
TRIETHYLENE GLYCOL DIMETHYL ETHER	651	23,1	0,7915	0,2650	0,7393	0,8280	1,8682	-10,8522	0,53%	0,62%		7,49%	33,42%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
TRIETHYLENEDIAMINE	655	39,1	0,4602		0,2181	0,8267	2,9702		0,40%	1,03%			
TRIETHYLENETETRAMINE	718	31,7	0,9735	0,2557	0,4541	0,8143	3,1972	-7,7182	0,77%	1,23%	3,41%	21,70%	
TRIFLUOROACETAMIDE	648	50,59	0,4814		0,1398	0,8080	3,3930		1,10%	3,97%	5,85%		
TRIFLUOROACETIC ACID	491,25	32,58	0,5238	0,1972	0,2281	0,8205	3,1005	45,7598	1,72%		0,23%	6,93%	66,48%
TRIFLUOROIDOMETHANE	396,44	39,53	0,1763	0,2762	0,4745	0,8816	1,1941	-3,3910	0,47%	1,91%	0,88%	15,28%	
TRIFLUOROMETHANE	299,01	48,162	0,2641	0,2569	0,3870	0,8427	1,5748	2,9427	0,28%	1,97%	1,50%	2,11%	17,98%
TRIFLUOROMETHYL TRIFLUOROVINYL ETHER	363	31,1	0,3497		1,1746	1,0000	0,7303		0,60%	1,23%			
TRISOBUTYL ALUMINUM	690,1	17,59	0,4304	0,2519	0,3899	0,8671	2,2308	19,5685	0,33%		1,19%	19,61%	
TRIMETHYL BORATE	501,7	35,87	0,4161	0,2550	0,3426	0,8616	2,3737	-0,5695	0,41%		3,33%	43,79%	
TRIMETHYL SILANE	432	31,9	0,1751	0,2738	1,0052	1,0000	0,6166	-3,3422	0,66%	1,35%	1,24%	12,37%	
TRIMETHYL SILANOL	526,5	38,09	0,6341	0,2741	0,2372	0,6424	2,1984	-12,5994	0,53%		1,10%	12,23%	
TRIMETHYLALUMINUM	620	40	0,2179	0,2347	0,1660	0,0003	0,6092	27,0899	2,56%	4,63%	6,41%	36,19%	
TRIMETHYLAMINE	433,25	40,7	0,2062	0,2714	0,1977	0,8531	2,1837	-2,1551	0,80%	3,22%	1,82%	1,12%	7,96%
TRIMETHYLCHLOROSILANE	497,75	32	0,2701	0,2750	1,0592	1,0000	0,7094	-6,4300	0,61%	1,73%	2,36%	1,36%	10,38%
TRIMETHYLENE SULFIDE	602	58,6	0,1731	0,2533	0,5796	0,8343	0,9454	8,1800	0,66%	1,46%	0,05%	4,55%	16,69%
TRI-n-BUTYL BORATE	743,15	19,8901	0,1887	0,2929	0,9876	1,0000	0,6488	-40,9280	0,61%	0,97%	7,67%	15,36%	
TRI-n-BUTYLAMINE	644	18	0,6943	0,2492	0,7494	0,8352	1,6885	7,9992	0,66%	0,86%		1,88%	23,32%
TRI-n-OCTYLAMINE	782	10,1	0,9688	0,2432	0,5373	0,8312	2,8800	32,7099	1,52%		5,95%	42,06%	
TRIOXANE	604	58,2	0,3337	0,2594	0,1664	0,8336	2,8349	2,5442	0,55%	2,24%		1,42%	17,28%
TRIPHENYLENE	990,8	28,7	0,6733	0,2402	0,4648	0,8408	2,5084	28,8052	0,40%			1,18%	23,88%
TRIPHENYLETHYLENE	908	21	0,5998		0,5760	0,8122	1,8472		0,58%	1,18%	0,58%		
TRIPHENYLMETHANE	865	22	0,5735	0,2426	0,2708	0,7916	2,7684	31,0653	0,38%	2,01%	6,05%	1,31%	29,33%
TRIPHENYLPHOSPHINE	1008	78,4	0,4517	0,5378	0,3577	0,8167	2,1613	-242,8642	0,77%			14,98%	3,15%
TRIPROPYLENE GLYCOL MONOETHYL ETHER	664	20,2	1,1610	0,2616	2,0514	1,0000	0,8977	-28,8882	3,99%		11,00%	3,82%	23,44%
TRIPROPYLENE GLYCOL MONOMETHYL ETHER	657	21,8	1,1254	0,2625	0,5845	0,8010	2,9234	-26,0516	1,59%		1,66%	4,88%	22,14%
TRIS(2-METHOXYETHOXY)VINYLSILANE	723,9	17,79	0,7150	0,2570	0,3530	0,8135	2,9776	-6,1069	0,47%			4,48%	20,24%
UNDECANAL	690	23,93	0,6352	0,2659	1,1432	0,9534	1,1027	-16,4860	0,77%	1,28%		1,78%	18,47%
UNDECYL MERCAPTAN	710	19,8	0,6388	0,2405	0,5868	-0,8567	2,2913	44,1498	3,34%	1,84%	1,78%	4,86%	29,05%
UNDECYLAMINE	682	20,2	0,7043	0,2437	0,3339	0,8184	3,1452	15,5900	5,80%		2,91%	1,19%	24,24%
VALERONITRILE	610,3	35,8	0,4069	0,2381	0,3849	0,8730	2,2169	21,4095	2,10%	4,01%		1,75%	21,14%
VANADIUM OXYTRICHLORIDE	636	37,4	0,1305	0,2388	1,5370	1,0000	0,3455	29,4144	0,17%			6,49%	39,73%
VANADIUM TETRACHLORIDE	697	60,3	0,1858	0,3025	0,7542	1,0000	0,8703	-24,8634	0,77%			1,35%	19,51%
VANILLIC ACID	825,1	37,98	0,8503		0,3730	0,8103	3,2578		0,44%	1,74%			
VANILLIN	777	40,1	0,7573		0,4161	0,8123	2,7858		0,59%	0,99%			
VINYL ACETATE	519,13	39,58	0,3513	0,2487	1,5912	1,0000	0,5178	10,3625	1,13%	3,32%	3,87%	2,61%	20,32%
VINYL CHLORIDE	432	56,7	0,1001	0,2745	1,0721	0,3534	0,4585	-1,1912	0,63%	1,55%		2,54%	9,45%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
VINYL FLUORIDE	327,8	52,4	0,1429	0,2727	0,1457	0,8631	2,3515	-1,8564	2,64%		1,25%	2,56%	12,32%
VINYL FORMATE	498	50,2	0,2849	0,2614	1,7272	1,0000	0,4273	2,9074	1,24%	2,03%		1,25%	15,50%
VINYL PIVALATE	556	29,5	0,3913	0,2698	1,2119	1,0000	0,7513	-8,5009	0,54%	0,96%		1,49%	15,89%
VINYL PROPIONATE	546	36,8	0,3802	0,2606	1,2023	1,0000	0,7466	1,7187	0,61%	0,99%		1,35%	16,87%
VINYLCETONITRILE	584	38,8	0,3782	0,2183	1,0664	1,0000	0,8456	35,6597	2,17%	3,51%	2,00%	5,28%	34,76%
VINYLCETYLENE	454	48,6	0,1069	0,2656	1,0009	1,0000	0,5625	2,9006	5,90%	3,99%	0,44%	1,61%	15,05%
VINYLCYCLOHEXANE	599,4	32,7	0,2902	0,2671	0,3349	0,8055	1,6950	-2,3023	0,77%	2,64%	1,37%	1,60%	15,68%
VINYLETHYLENE CARBONATE	759,1	48	0,4733	0,2388	1,3651	1,0000	0,7431	16,0215	0,66%	1,31%	0,10%	2,96%	36,20%
VINYLNORBORNENE	626	32,1	0,2487	0,2814	1,0612	1,0000	0,6815	-9,1857	0,64%	1,35%		7,53%	18,88%
VINYLTRICHLOROSILANE	543,15	30,6	0,2815	0,2535	1,0792	1,0000	0,7129	11,2670	0,58%	1,17%		2,58%	8,43%
VINYLTRIMETHOXYSILANE	553,7	26,85	0,5514	0,2606	0,4849	0,8659	2,2059	-4,5259	1,48%		3,69%	2,28%	21,09%
WATER	647,096	220,64	0,3449	0,2289	0,3872	0,8720	1,9668	5,2711	0,36%	1,69%	3,09%	6,44%	24,56%
XENON	289,74	58,4037	0,0000	0,2880	0,1785	0,9199	1,7045	-3,7740	0,15%	1,67%		1,49%	10,65%
XYLITOL	941,8	59,37	0,9066		0,5792	0,8065	2,4743		0,54%	1,33%			
DEUTERIUM	38,35	16,62	-0,1449	0,315	0,1486	0,9968	1,0587	-4,5555	1,06%	5,52%		1,61%	2,41%
HELIOUM-4	5,2	2,27	-0,3900	0,3355	0,0063	1,2175	1,0909	-4,8915	1,75%	7,00%		6,16%	1,13%
HYDROGEN	33,19	13,13	-0,2160	0,3192	1,5147	-3,7959	-0,1377	-5,3386	2,16%	4,66%		2,50%	0,24%
NEON	44,4	26,53	-0,0396	0,3004	0,1887	0,9470	1,4698	-2,3573	0,28%	1,89%		1,71%	2,81%
1,1-DICHLOROETHYLENE	482	51,9	0,2721	0,2763	0,2553	0,8686	2,2072		6,21%	2,95%	2,81%		
1,3-DICHLORO-2-PROPANOL	633	45	0,6997	0,2557					N.A.				
1,4-CYCLOHEXADIENE	569	47,3	0,2048	0,2721					N.A.				
1,6-HEXANEDIOL	683	36,1	1,2162						N.A.				
1-ISOPROPOXY-2-PROPANOL	562	33,6	0,7681	0,2768					N.A.				
1-TETRADECANOL	745,3	16,82	0,7168	0,2416					N.A.				
1-trans-3,5-TRIMETHYLCYCLOHEXANE	602,2	28,4	0,3671	0,2716					N.A.				
2-(alpha-METHYLBENZYLOXY)-1-PROPANOL	722,7	24,92	0,6421		0,4040	0,8014	2,4527		0,53%	2,21%	15,75%		
2,3-DICHLORO-1-PROPANOL	647	45	0,6992	0,254					N.A.				
2-ETHOXYETHANOL	569	42,4	0,7582	0,2529	0,3816	0,8273	2,9573		13,22%	11,46%	2,45%		
2-ETHYLHEXYL ACETATE	642,4	21,7	0,5992	0,2537					N.A.				
2-HEXYOXYETHANOL	633	26,2	0,9004	0,2555					N.A.				
2-METHYL-1,3-PENTANEDIOL	639	37,45	1,2455						N.A.				
2-PHENYL-1-PROPANOL	685	34,9	0,7643	0,2624	0,5356	0,8138	2,3349		0,19%	0,13%	15,59%		
3-PHENYL-1-PROPANOL	694	34,3	0,8033	0,2586	1,9254	1,0000	0,7203		3,97%		14,97%		
ACETIC ACID	591,95	57,86	0,4665	0,2214	0,2959	0,8462	2,6110		4,67%	55,35%	5,32%		
ACRYLAMIDE	776	57,3	0,4863						N.A.				
beta-PROPIOLACTONE	686	69,1	0,3577						N.A.				

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
CALCIUM	3267	153	0,1167						METAL				
CUMENE HYDROPEROXIDE	605	33,4	0,995						N.A.				
DI(2-ETHYLHEXYL)ADIPATE	845	11,2	0,8993	0,2428					N.A.				
DIOCTYL ADIPATE	830	11,3	1,0485	0,2305					N.A.				
DIPROPYLENE GLYCOL MONOETHYL ETHER	617	26,3	0,931	0,2677					N.A.				
DIPROPYLENE GLYCOL n-PROPYL ETHER	629	24	0,9631						N.A.				
ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	641,2	24,8	0,5598	0,2524					N.A.				
FERROUS CHLORIDE	2010	87,2	0,5271						N.A.				
GERMANIUM	9803	6511	-0,0715						N.A.				
HYDRAZINE	653,15	147	0,3143	0,2641	0,5072	0,8486	1,4284		1,22%	0,74%	<b>21,80%</b>		
INDANE	684,9	39,5	0,3092	0,2668	0,3532	0,8334	1,7881		0,75%	<b>8,09%</b>	1,10%		
IRON	9340	10150	-0,0106						N.A.				
ISOPROPYL MYRISTATE	738	14	0,9364	0,2469					N.A.				
LITHIUM	3503	384,2	-0,0556	0,124					METAL				
LITHIUM IODIDE	2370	170	0,457						METAL				
n-BUTYL NONANOATE	674	17,4	0,7277						N.A.				
n-DOCOSANE	787	10,6	0,9722	0,2299					N.A.				
n-DOTRIACONTANE	855	7,5	1,3765	0,2229					N.A.				
n-HEXATRIACONTANE	874	6,8	1,526	0,2229					N.A.				
NITRIC OXIDE	180,15	64,8	0,5829	0,2616	0,8796	0,9545	1,4096		2,77%	3,26%	<b>16,23%</b>		
n-PENTACOSANE	812	9,5	1,1053	0,2281					N.A.				
n-PROPYL BENZOATE	710	28,5	0,5209	0,2525					N.A.				
o-TOLUALCOHOL	691	39,2	0,7429	0,2574					N.A.				
PALUSTRIC ACID	789	17,2	0,9174		0,3737	0,8072	3,4142		0,68%	1,56%	<b>25,00%</b>		
PENTAETHYLBENZENE	731	18,9	0,6697	0,2506	0,6808	0,8757	1,8971		0,98%	<b>8,33%</b>	0,94%		
POTASSIUM	2223	160	-0,2028	0,2039					METAL				
PROPYLENE GLYCOL alpha-METHYLBENZYL ETHER	719	24,79	0,6371		0,3621	0,8211	2,7488		0,48%	2,18%	<b>19,06%</b>		
PROPYLENE GLYCOL ETHYL ETHER ACETATE	613	27,6	0,5425	0,2568	0,7832	0,9418	1,5129		1,93%	5,66%	<b>14,08%</b>		
PROPYLENE GLYCOL n-PROPYL ETHER	573	33	0,8002	0,2703					N.A.				
SULFUR DICHLORIDE	542	66,8	0,2561	0,2671					N.A.				
TETRAETHOXYSILANE	592,2	20,45	0,6325	0,2744					N.A.				
TETRAETHYLENEPENTAMINE	774	25,3	1,2365	0,25					N.A.				
TRIMETHYLGALLIUM	510	40,4	0,2077		1,1783	1,0000	0,5845		7,35%	<b>8,20%</b>	0,54%		
VANADIUM	11325	10314	-0,1868						N.A.				

**Table S2.** Updated parameter values for the translated-consistent *tc*-RK CEoS (no deviation means that no accurate data were available in the DIPPR database).

**Color key:**

	Molecules studied by Le Guennec et al. for which new parameters were determined in this work (1060).
	New molecules added in this work (661).
	Quantum fluids kept from Le Guennec et al.'s work - no new parameters were determined - (4).
	Molecules studied by Le Guennec et al. and removed in this work (52).

## *tc*-RK CEoS

Average MAPE on:				
$P^{\text{sat}}$	$\Delta_{\text{vap}}H$	$c_{P,\text{liq}}^{\text{sat}}$	$v_{\text{liq}}^{\text{sat}}$ ( $T_r < 0.9$ )	$v_c$
<b>1.2%</b>	<b>2.0%</b>	<b>2.2%</b>	<b>3.7%</b>	<b>24%</b>

Name	$T_c / \text{K}$	$P_c / \text{bar}$	$\omega$	$Z_{\text{RA}}$	$L$	$M$	$N$	$c (\text{cm}^3 \cdot \text{mol}^{-1})$	MAPE on:				
									$P^{\text{sat}}$	$\Delta_{\text{vap}}H$	$c_{P,\text{liq}}^{\text{sat}}$	$v_{\text{liq}}^{\text{sat}}$	$v_c$
(3-METHYLACRYLOXYPROPYL)TRICHLOROSILANE	708,1	21,13	0,6267	0,2457	0,6853	0,8223	1,8942	58,3785	0,72%	1,30%	0,79%	3,18%	31,08%
(Z)-1,3-DICHLORO-2-BUTENE	617	37,80	0,2370	0,2508	1,2265	1,0000	0,6707	35,8987	1,37%	0,79%	6,15%	26,21%	
[3-(2,3-EPOXYPROXY)PROPYL]TRIMETHOXYSILANE	701,4	18,12	0,7605	0,2336	0,7512	0,8299	2,0118	86,7044	1,03%	1,82%	1,06%	2,87%	34,71%
[3-(MERCAPTO)PROPYL]TRIETHOXYSILANE	647,5	18,63	0,8370	0,2587	0,6611	0,8518	2,5206	25,3744	2,13%			1,74%	27,43%
1-(4-ETHYLPHENYL)-2-(4-ETHYLPHENYL)ETHANE	780,9	19,17	0,5860		0,3928	0,8247	2,8158		0,65%	2,08%			
1-(4-ETHYLPHENYL)-2-PHENYLETHANE	771	21,70	0,5782		0,8081	0,8448	1,5803		1,12%	1,11%	3,74%		
1,1,1,2,2,3,4,5,5,5-DECAFLUOROPENTANE	454,2	22,88	0,5000	0,2605	1,3001	1,0000	0,9201	23,2572	1,96%	2,60%		2,63%	22,54%
1,1,1,2,2-PENTAFLUOROPROPANE	380,11	31,37	0,3046	0,2658	0,6653	0,8738	1,3376	14,5421	0,63%	1,33%		3,59%	17,59%
1,1,1,2,3,3,3-HEPTAFLUOROPROPANE	374,83	29,12	0,3552	0,2650	0,7157	0,8700	1,3513	14,4877	0,46%	1,06%		3,29%	24,93%
1,1,1,2,3,3-HEXAFLUOROPROPANE	412,38	34,12	0,3688	0,2649	0,2624	0,8353	2,8025	13,1684	0,47%	0,93%		3,28%	19,20%
1,1,1,2-TETRACHLORODIFLUOROETHANE	552	33,40	0,2570	0,2615	0,2674	0,8058	2,1097	24,9922	1,01%	3,28%		3,92%	23,38%
1,1,1,2-TETRACHLOROETHANE	624	40,20	0,2422	0,2615	0,2061	0,8434	2,6591	24,7234	1,57%	2,50%		4,08%	24,76%
1,1,1,2-TETRAFLUOROETHANE	374,18	40,56	0,3269	0,2590	0,2829	0,8469	2,6001	13,8865	0,29%	0,80%	4,26%	3,88%	21,63%
1,1,1,3,3,3-HEXAFLUOROPROPANE	398,07	32,19	0,3905	0,2645	0,4659	0,8182	1,9067	13,1112	0,69%	1,57%		3,33%	23,91%
1,1,1,3,3-PENTACHLOROPROPANE	670,9	32,96	0,3241	0,2568	0,5745	0,7982	1,4341	34,5325	0,71%	1,70%		4,34%	21,75%

Name	T <sub>e</sub> / K	P <sub>e</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
1,1,1,3,3-PENTAFLUOROBUTANE	473,7	33,92	0,2571	0,2742	1,4359	0,4498	0,6382	13,2022	0,89%			3,10%	20,59%
1,1,1,3,3-PENTAFLUOROPROPANE	427,2	36,40	0,3755	0,2630	0,4168	0,7873	1,9006	14,1028	0,67%	1,50%		3,73%	20,14%
1,1,1-TRICHLOROETHANE	545	43,00	0,2183	0,2707	0,2091	0,8500	2,5488	13,9665	0,91%	1,97%	1,42%	3,55%	20,04%
1,1,1-TRICHLOROFLUOROETHANE	565	39,90	0,2501		0,7724	0,9114	1,0871		0,72%	1,35%			
1,1,1-TRICHLOROTRIFLUOROETHANE	483	33,20	0,2667	0,2655	0,2462	0,8504	2,5434	17,6245	4,03%	1,80%	0,55%	3,52%	20,12%
1,1,1-TRIFLUOROETHANE	345,88	37,64	0,2614	0,2565	0,2780	0,8581	2,4241	16,5559	0,47%	1,52%	1,40%	4,36%	22,11%
1,1,2,2,3-PENTAFLUOROPROPANE	447,57	39,25	0,3531	0,2665	0,4482	0,8459	1,9559	11,7840	0,58%	1,36%		3,16%	18,85%
1,1,2,2-TETRACHLOROETHANE	645	40,90	0,2467	0,2545	1,9804	0,6276	0,4698	32,2350	1,38%			6,25%	24,56%
1,1,2,2-TETRAFLUOROETHANE	391,8	46,40	0,2660	0,2691	0,2740	0,8571	2,4388	9,1038	4,11%	2,07%		3,38%	17,76%
1,1,2,2-TETRAPHENYLETHANE	827	16,70	0,7322		0,3721	0,8103	3,2718		0,60%	1,13%	1,48%		
1,1,2-TRICHLOROETHANE	602	44,80	0,2591	0,2591	0,1983	0,8391	2,7339	23,4636	0,51%	2,02%	0,07%	3,70%	24,18%
1,1,2-TRICHLOROTRIFLUOROETHANE	487,25	34,10	0,2515	0,2719	0,4158	0,8447	1,7364	13,3944	0,70%	1,63%	0,43%	3,30%	17,73%
1,1,2-TRIFLUOROETHANE	429,8	52,41	0,3265	0,2622	1,1727	1,0000	0,8156	11,1295	0,37%	0,97%		3,91%	20,75%
1,1,2-TRIMETHYLCYCLOPENTANE	579,54	29,39	0,2523	0,2613	0,2132	0,8433	2,6597	29,7354	0,64%	2,09%		4,61%	23,95%
1,1,2-TRIPHENYLETHANE	840	20,40	0,6116		0,6677	0,8255	1,9107		0,96%	1,11%	1,63%		
1,1,3-TRIMETHYLCYCLOHEXANE	611,3	29,78	0,2753	0,2783	0,2728	0,8533	2,4969	10,9472	1,07%	2,19%		1,96%	18,97%
1,1,3-TRIMETHYLCYCLOPENTANE	569,54	28,27	0,2119	0,2608	1,2333	1,0000	0,6350	32,6060	0,93%	1,20%		6,49%	26,09%
1,1-DIBROMOETHANE	628	60,30	0,1250	0,3016	2,7303	0,2381	0,4259	-4,1161	2,66%	6,49%		1,34%	6,07%
1,1-DICHLORO-1-FLUOROETHANE	478,85	43,40	0,2211	0,2756	0,2354	0,8553	2,4661	8,8559	0,63%	1,32%	1,92%	3,08%	17,36%
1,1-DICHLOROETHANE	523	50,70	0,2339	0,2751	0,4346	0,8279	1,5561	8,7766	0,56%	1,73%	1,33%	3,11%	15,47%
1,1-DICHLOROPROPANE	560	42,40	0,2529	0,2572	0,3170	0,8296	2,0121	21,6289	0,54%	1,14%	2,31%	7,14%	18,36%
1,1-DICHLOROTETRAFLUOROETHANE	418,55	33,00	0,2533	0,2748	0,2384	0,8502	2,5463	9,8082	0,49%	1,73%	5,25%	2,89%	16,23%
1,1-DIETHYLCYCLOHEXANE	643	25,70	0,4036	0,2567	0,6928	0,8714	1,5080	38,2682	0,83%	1,54%	2,64%	3,22%	22,69%
1,1-DIFLUOROETHANE	386,44	45,20	0,2751	0,2534	0,2955	0,8587	2,3956	16,5622	0,44%	1,18%	5,38%	4,89%	23,13%
1,1-DIFLUOROETHYLENE	302,8	44,60	0,1362	0,2725	0,2022	0,8634	2,3480	8,2885	2,44%		2,69%	3,38%	16,80%
1,1-DIMETHOXYETHANE	507,8	37,73	0,3277	0,2660	0,2078	0,8306	2,8911	15,5184	1,78%	6,01%	2,53%	3,42%	20,37%
1,1-DIMETHYLCYCLOHEXANE	591,15	29,38	0,2326	0,2605	0,6078	0,8246	1,2010	34,0689	0,42%	1,07%	0,64%	4,77%	16,33%
1,1-DIMETHYLCYCLOPENTANE	547	34,45	0,2724	0,2786	0,5960	0,8414	1,3012	9,3273	3,21%	1,24%	1,82%	2,52%	19,65%
1,1-DIPHENYLETHANE	775	26,80	0,4566	0,2559	0,5531	0,8270	1,8559	45,0492	0,84%	1,35%		2,23%	25,23%
1,2,3,4-TETRAHYDRONAPHTHALENE	720	36,50	0,3353	0,2597	0,3915	0,8388	2,0567	28,1565	0,97%	3,36%	0,82%	4,36%	27,09%
1,2,3,4-TETRAMETHYLBENZENE	693	31,10	0,4172	0,2564	0,3283	0,8424	2,6757	33,8521	2,56%	2,88%		3,15%	22,89%
1,2,3,4-TETRAMETHYLCYCLOHEXANE	642	25,70	0,4016	0,2564	0,5002	0,8215	1,8436	38,6531	0,71%	1,60%	2,91%	3,72%	23,80%
1,2,3,5-TETRAETHYLBENZENE	708	20,70	0,5940	0,2494	1,0616	0,9319	1,2881	56,3498	1,25%	4,04%	2,51%	2,48%	26,82%
1,2,3,5-TETRAMETHYLBENZENE	679	29,70	0,4242	0,2543	0,4643	0,8495	2,1342	37,1886	1,17%	1,90%	0,75%	3,26%	23,74%
1,2,3,6-TETRAHYDROBENZALDEHYDE	655	40,30	0,3638	0,2607	0,2953	0,8307	2,5554	21,6425	0,54%	3,38%	3,31%	3,78%	24,29%
1,2,3-BENZENETRIOL	830	88,10	0,9452		0,7111	0,8495	2,5573		6,84%				

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
1,2,3-TRICHLOROBENZENE	734	45,10	0,4263	0,2848	0,3905	0,8530	2,4535	0,0413	0,56%	1,83%	1,24%	1,16%	14,18%
1,2,3-TRICHLOROPROPANE	652	38,70	0,3056	0,2393	0,2819	0,8262	2,3555	43,1918	0,53%	2,30%	2,88%	7,77%	26,87%
1,2,3-TRIETHYLBENZENE	683	23,80	0,5054		0,5681	0,8542	2,0312		1,05%	1,75%	0,99%		
1,2,3-TRIMETHYL-4-ETHYLBENZENE	702,7	27,95	0,4574	0,2543	0,5299	0,8353	1,9562	39,6218	0,73%	1,59%		3,13%	23,76%
1,2,3-TRIMETHYLBENZENE	664,5	34,54	0,3666	0,2560	0,4191	0,8532	2,1354	29,3233	0,29%	0,97%	1,06%	4,83%	21,71%
1,2,3-TRIMETHYLINDENE	726	27,70	0,4419	0,2427	0,9759	0,9817	1,1969	58,9975	1,06%	0,75%	6,49%	4,08%	26,16%
1,2,4,5-TETRAISOPROPYLBENZENE	703	15,56	0,6360		0,2698	0,8041	3,4951		0,31%	1,10%			
1,2,4,5-TETRAMETHYLBENZENE	676	29,00	0,4217	0,2481	0,5624	0,8625	1,8464	44,1802	0,48%	0,99%	2,20%	4,27%	24,87%
1,2,4-TRICHLOROBENZENE	725	37,20	0,3581	0,2524	0,5177	0,8323	1,6961	36,7163	1,00%	1,77%	0,32%	4,35%	27,45%
1,2,4-TRIETHYLBENZENE	684	23,80	0,5011	0,2513	0,4315	0,8512	2,5304	47,5737	0,75%	3,33%	0,51%	2,50%	24,82%
1,2,4-TRIMETHYL-3-ETHYLBENZENE	697,3	27,95	0,4569	0,2562	0,5923	0,8955	1,9499	36,2530	1,03%			2,52%	23,39%
1,2,4-TRIMETHYL-5-ETHYLBENZENE	687,3	26,78	0,4638	0,2531	0,4464	0,8479	2,3232	41,5549	0,54%	1,79%		2,97%	24,02%
1,2,4-TRIMETHYLBENZENE	649,1	32,32	0,3787	0,2557	0,4102	0,8508	2,1979	31,9729	0,43%	0,82%	1,26%	3,95%	22,01%
1,2-BENZENE DICARBOXYLIC ACID, HEPTYL, UNDECYL ESTER	878	10,70	1,0205	0,2217	0,6663	0,8345	2,8168	195,1602	1,33%			3,35%	51,75%
1,2-BENZENEDICARBOXYLIC ACID, HEPTYL, NONYL ESTER	841	11,60	1,0944	0,2275	0,6780	0,8298	2,9077	148,2866	1,30%			2,07%	46,54%
1,2-BENZENEDIOL	764	74,90	0,6937	0,3102	0,6914	0,8801	2,1272	-19,0418	7,33%	5,75%		2,08%	0,58%
1,2-BUTADIENE	452	43,60	0,1659	0,2627	0,7627	0,8646	0,8971	18,1073	1,10%	2,57%	0,57%	4,92%	22,37%
1,2-BUTANEDIOL	680	52,10	0,6305	0,2557	1,3354	0,9214	1,0321	15,4984	0,73%	0,67%		3,14%	14,27%
1,2-DIBROMOETHANE	650,15	54,77	0,2067	0,2663	0,6398	0,8415	1,1033	16,6860	1,06%	1,46%	0,66%	4,44%	19,38%
1,2-DIBROMOTETRAFLUOROETHANE	487,8	33,93	0,2431	0,2710	0,2022	0,8429	2,6675	14,4440	0,62%	1,04%		4,01%	12,61%
1,2-DICHLORO-1,1,2-TRIFLUOROETHANE	461,6	36,10	0,2410	0,2642	0,2718	0,8450	2,2632	18,1727	0,44%	1,38%	5,71%	3,98%	20,94%
1,2-DICHLORO-4-NITROBENZENE	758	36,00	0,5385	0,2438	0,4750	0,8252	2,3183	42,4080	0,72%	1,18%		3,79%	24,11%
1,2-DICHLOROBUTANE	600	36,80	0,2988	0,2503	0,3430	0,8460	2,1750	31,8649	0,42%	1,05%		6,66%	22,45%
1,2-DICHLOROETHANE	561,6	53,70	0,2866	0,2659	0,2803	0,8557	2,4607	12,8718	2,71%	3,09%	2,76%	3,33%	25,90%
1,2-DICHLOROHEXAFLUOROCYCLOBUTANE	497	27,30	0,2330		0,3663	0,8485	1,8495		0,49%	1,82%			
1,2-DICHLOROPROPANE	572	42,40	0,2564	0,2604	0,2198	0,8450	2,6306	21,7256	0,39%	3,71%	1,49%	4,58%	21,02%
1,2-DICHLOROTETRAFLUOROETHANE	418,85	32,60	0,2520	0,2725	0,2315	0,8483	2,5774	11,3686	0,68%	1,85%	4,94%	3,46%	17,25%
1,2-DIETHOXYETHANE	561	29,30	0,4818	0,2535	0,4681	0,7605	1,9194	27,7487	3,50%	6,86%	4,94%	5,43%	25,10%
1,2-DIFLUOROBENZENE	566	42,99	0,2792	0,2646	0,2828	0,8552	2,4676	17,1510	0,94%	2,16%		3,51%	19,91%
1,2-DIFLUOROETHANE	445	43,40	0,2224	0,2286	0,2699	0,8639	2,3404	35,3368	0,75%	2,93%		8,20%	27,61%
1,2-DIMETHOXYETHANE	536,15	38,71	0,3475	0,2587	0,9804	0,9285	1,0108	19,6520	0,46%	0,97%		4,68%	34,59%
1,2-DIMETHOXYPROPANE	543	34,46	0,3522	0,2674	0,4121	0,8353	2,0365	15,7918	0,65%	1,23%		2,90%	20,26%
1,2-DIMETHYL-3-PROPYLBENZENE	687,7	27,24	0,4531	0,2615	0,4595	0,8520	2,2564	32,8700	0,70%	1,44%		1,31%	13,79%
1,2-DIPHENYLETHANE	780	26,50	0,4885	0,2518	0,3594	0,8383	2,7470	48,8602	0,75%	1,09%		2,98%	24,50%
1,2-EPOXY-2-METHYLPROPANE	521	46,60	0,1709	0,2674	0,1994	0,8554	2,4269	15,0631	0,48%	4,42%	0,22%	5,05%	21,82%
1,2-EPOXY-3-PHENOXYPROPANE	720	29,50	0,5943	0,2317	0,3225	0,8176	3,1641	63,1577	1,72%	2,09%		4,61%	32,17%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
1,2-EPOXYBUTANE	526	43,90	0,2345	0,2570	0,4555	0,8206	1,4940	22,3921	0,51%	2,86%	0,65%	5,51%	20,03%
1,2-ETHANEDIITHIOL	663	53,60	0,2570	0,2566	0,6877	0,8825	1,2039	21,6588	0,71%	1,44%		4,66%	53,66%
1,2-HEXADIENE	526	33,50	0,2762	0,2564	0,3242	0,8233	2,0408	27,9917	0,59%	2,90%	0,16%	5,18%	23,01%
1,2-PENTADIENE	500	38,00	0,1542	0,2570	1,0966	1,0000	0,6588	26,3032	3,52%	4,41%	0,61%	6,60%	22,60%
1,2-PROPANEDIAMINE	587	52,70	0,4738	0,2798	0,4508	0,8360	2,2671	3,3597	0,15%	0,97%		1,22%	3,37%
1,2-PROPYLENE OXIDE	482,25	49,20	0,2683	0,2456	0,3479	0,8417	1,9903	22,9958	2,06%	2,62%	0,96%	7,01%	33,69%
1,3,5,7-CYCLOOCTATETRAENE	641,4	44,20	0,2870		0,2583	0,8487	2,5698		1,00%	2,48%	0,83%		
1,3,5-TRICHLOROBENZENE	718	37,20	0,3596	0,2566	0,9663	0,9955	1,0738	32,0834	0,76%	1,55%		3,32%	18,32%
1,3,5-TRIETHYLBENZENE	678	23,00	0,5077	0,2476	0,5614	0,8515	2,0456	53,4642	0,65%	2,70%	0,39%	3,54%	28,75%
1,3,5-TRIISOPROPYLBENZENE	696,6	19,50	0,5324		0,5614	0,8005	1,9439		0,77%	1,35%			
1,3,5-TRI-tert-BUTYLBENZENE	717,8	16,56	0,4865		0,3762	0,7504	2,1766		0,58%	1,71%			
1,3-BENZENEDIOL	810	74,90	0,6767	0,2911	0,6911	0,8329	2,0011	-9,6602	1,79%	1,77%	2,27%	0,92%	3,13%
1,3-BUTADIENE	425	43,20	0,1950	0,2708	0,2225	0,8585	2,4186	11,2082	1,12%	1,81%	1,59%	3,97%	18,30%
1,3-BUTANEDIOL	676	40,20	0,7043	0,2106	1,6658	1,0000	0,8563	55,6564	0,72%	2,22%	9,20%	11,16%	34,55%
1,3-CYCLOHEXADIENE	558	47,30	0,2308	0,2823	0,3331	0,8483	1,9417	6,3389	1,56%	1,66%	2,57%	1,30%	15,74%
1,3-DICHLOROHEXAFLUOROPROPANE	449	25,70	0,3286	0,2570	0,6063	0,8592	1,4906	26,9532	0,71%	1,22%		5,49%	23,91%
1,3-DICHLOROPROPANE	603	41,50	0,2916	0,2456	0,9765	0,8756	0,8848	34,3897	3,66%	3,97%	0,22%	7,45%	26,57%
1,3-DIFLUOROBENZENE	548,4	42,99	0,2862	0,2710	0,3064	0,8598	2,3996	12,0059	1,16%	2,36%		2,66%	16,96%
1,3-DIMETHYL UREA	787,1	48,70	0,5900		0,3779	0,8189	2,8531		0,43%	1,33%			
1,3-DIMETHYL-2-IMIDAZOLIDINONE	749,9	42,75	0,3701	0,2485	0,4512	0,8532	2,0314	36,0255	0,70%	1,71%		4,34%	24,35%
1,3-DIMETHYL-5-NITROBENZENE	787,7	33,13	0,4745		0,3997	0,8270	2,4399		0,69%	1,93%			
1,3-DIMETHYLADAMANTANE	708	30,00	0,2935	0,2785	0,2701	0,8500	2,5500	11,0475	0,53%	2,22%	1,12%	2,43%	12,81%
1,3-DIOXANE	590	51,50	0,2891	0,2703	0,5735	0,8427	1,4255	11,9898	0,79%	1,83%	2,45%	2,22%	27,83%
1,3-DIPHENYLTRIAZENE	845	28,30	0,6173		0,4261	0,8201	2,7210		0,66%	1,02%			
1,3-DI-TERT-BUTYL GLYCERIN	667,1	21,86	0,6502	0,2721	0,4652	0,8279	2,6925	7,3052	0,58%	1,24%		1,17%	21,52%
1,3-PROPANEDIAMINE	608	51,20	0,5063	0,2737	0,4785	0,8603	2,3923	8,8145	1,24%			2,06%	1,36%
1,3-PROPYLENE GLYCOL	724	95,00	0,7385	0,3022	0,5770	0,8499	2,5508	-14,6580	5,82%	2,03%		1,18%	4,09%
1,3-PROPYLENE OXIDE	520	57,50	0,2005	0,2535	0,1889	0,8482	2,5777	19,3453	0,80%	2,12%	0,46%	5,97%	23,03%
1,4-BENZENEDICARBOXYLIC ACID, 2-HYDROXYETHYL METHYL ESTER	832	26,75	0,8033		0,4703	0,8219	3,0707		0,81%	1,32%			
1,4-BIS(3-AMINOPROPYL)PIPERAZINE	750,3	22,66	0,8314	0,2553	0,5182	0,8088	2,8512	38,3757	2,12%		1,90%	1,74%	18,18%
1,4-BUTANEDIISOCYANATE	724,3	29,47	0,4258	0,2245	0,4569	0,8508	2,1785	80,0338	0,60%	1,96%	0,45%	7,02%	30,96%
1,4-CYCLOHEXANEDICARBOXYLIC ACID	819,8	37,36	1,0050		0,6414	0,8319	2,8664		0,92%	2,42%			
1,4-DIBROMOBENZENE	738,15	44,72	0,4257	0,2748	0,5888	0,9023	1,8768	7,8983	4,52%			1,26%	21,18%
1,4-DICHLOROBUTANE	641	36,10	0,3260	0,2414	0,3384	0,8131	2,1110	43,7910	0,51%	2,05%	1,10%	6,92%	30,70%
1,4-DICHLORO-cis-2-BUTENE	640	37,80	0,3299	0,2434	0,4046	0,8216	1,9268	41,2222	0,67%	2,04%	0,96%	5,76%	24,79%
1,4-DICHLORO-trans-2-BUTENE	646	37,80	0,3282	0,2432	0,4086	0,8207	1,9047	41,8006	0,65%	1,91%	0,94%	5,44%	24,81%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
1,4-DICYANO-2-BUTENE	755	29,50	0,6668	0,2004	0,3952	0,8228	3,0502	105,4566	0,68%	1,47%		7,53%	41,75%
1,4-DIFLUOROBENZENE	556,9	44,00	0,2985	0,2722	0,3101	0,8586	2,4173	11,5642	1,33%	2,65%		2,03%	13,11%
1,4-DIOXANE	587	52,08	0,2793	0,2679	0,2161	0,8403	2,7120	12,5746	0,65%	1,44%	7,69%	3,31%	25,96%
1,4-DI-tert-BUTYLBENZENE	708	23,00	0,5023	0,2705	0,3377	0,8319	2,8673	19,7462	2,31%	1,77%	0,99%	1,31%	13,85%
1,4-HEXADIENE	510	33,50	0,2800	0,2636	1,2116	1,0000	0,7142	21,5351	2,78%	2,93%	3,30%	4,28%	20,96%
1,4-PENTADIENE	479	37,40	0,0837	0,2770	1,6703	1,0000	0,3558	16,2922	4,11%	4,73%	1,67%	1,38%	11,77%
1,5,9-CYCLODODECATRIENE	745	29,90	0,4031	0,2717	0,6407	0,9187	1,7155	15,9497	0,57%			1,66%	19,82%
1,5-CYCLOOCTADIENE	645	39,00	0,2858	0,2803	0,4247	0,8329	1,7741	9,5999	1,12%	1,45%		1,65%	22,61%
1,5-DICHLOROPENTANE	668	31,90	0,3766	0,2406	0,4552	0,8044	1,8444	51,0101	0,41%	3,20%	3,35%	6,55%	33,67%
1,5-HEXADIENE	508	33,50	0,2259	0,2633	0,8240	0,9337	0,9852	22,3059	0,74%	1,00%		5,44%	17,39%
1,5-NAPHTHALENE DIISOCYANATE	818	27,20	0,7301		0,4264	0,8217	3,0731		1,04%	1,55%			
1,5-PENTANEDIAMINE	642	37,35	0,5874	0,2647	0,6290	0,8806	2,1215	17,4708	2,13%			1,46%	8,75%
1,5-PENTANEDIOL	673	41,50	1,2216	0,2260	1,0260	0,8743	2,2004	26,5534	5,91%		11,74%	5,16%	22,58%
1,9-DECADIENE	606,8	22,67	0,5110	0,2538	0,5610	0,8425	2,0229	40,4972	0,63%	1,36%		2,57%	24,13%
1-AMINO-2-PROPANOL	614	56,70	0,7870	0,2577	0,7389	0,8743	2,2011	8,8653	1,81%	3,84%		1,82%	4,77%
1-BROMOBUTANE	570,4	40,41	0,3113	0,2687	0,3468	0,8661	2,3101	14,5119	3,22%	3,66%		2,44%	20,35%
1-BROMODODECANE	727,9	18,37	0,6823	0,2453	0,5248	0,8200	2,4952	69,4538	0,79%	1,47%		2,05%	27,48%
1-BROMOHEPTANE	646,1	28,97	0,4527	0,2654	0,5745	0,8919	1,9895	22,1412	1,53%			1,37%	23,64%
1-BROMONAPHTHALENE	824	37,00	0,3692	0,2545	0,6728	0,8594	1,4471	38,7730	0,79%	1,15%		3,70%	27,69%
1-BROMOPROPANE	535,5	45,78	0,2811	0,2646	0,3217	0,8671	2,2963	14,5664	4,85%	4,63%		4,51%	17,73%
1-BUTANOL	563,1	44,14	0,5883	0,2523	1,4358	1,0000	0,9184	17,2551	2,90%	4,09%	4,83%	4,12%	23,19%
1-BUTENE	419,5	40,20	0,1845	0,2743	0,2331	0,8619	2,3697	10,0884	1,88%	2,20%	1,98%	3,35%	15,82%
1-CHLORO-1,1-DIFLUOROETHANE	410,29	40,41	0,2307	0,2665	0,3375	0,8452	1,9263	13,1752	0,60%	1,05%	2,72%	4,34%	19,21%
1-CHLORO-2,4-DINITROBENZENE	813,77	34,90	0,7319	0,2300	0,5054	0,8219	2,7114	55,2914	0,75%	1,09%		4,87%	23,63%
1-CHLORONAPHTHALENE	785	34,00	0,3827	0,2460	0,2854	0,8389	2,7373	49,8042	3,05%	3,21%		4,55%	35,96%
1-CHLOROPENTANE	571,2	33,52	0,2952	0,2561	0,3193	0,8496	2,3069	29,4596	1,09%	2,14%		4,71%	24,39%
1-cis-2-trans-3-TRIMETHYLCYCLOPENTANE	579,82	28,98	0,2800	0,2592	0,8716	0,9187	1,0191	31,4925	0,73%	1,37%		5,24%	25,43%
1-cis-2-trans-4-TRIMETHYLCYCLOPENTANE	579,26	28,78	0,2775	0,2592	0,6082	0,8677	1,3772	31,4268	1,00%	1,78%		5,33%	26,24%
1-DECANOL	688	23,08	0,6070	0,2484	2,1934	1,0000	0,5738	50,1049	2,15%		5,17%	4,21%	20,32%
1-DECENE	616,6	22,23	0,4805	0,2558	0,3475	0,8369	2,7728	40,3286	0,47%	2,34%	1,69%	2,42%	24,73%
1-DECYNE	619,85	23,70	0,5178	0,2580	0,3208	0,8269	2,9659	33,6276	2,25%	2,12%	6,20%	2,04%	25,22%
1-DOCOSANOL	824,4	10,35	0,8975	0,2245	0,3960	0,6822	2,7439	219,3129	0,71%			3,83%	30,05%
1-DOCOSENE	791,6	11,21	0,9481		0,5482	0,8216	3,0766		0,84%	1,57%			
1-DODECANOL	718,7	19,54	0,6556	0,2443	1,3647	0,7364	1,0430	68,6593	5,77%		3,63%	4,05%	20,80%
1-DODECENE	657,1	18,88	0,5620	0,2490	0,4328	0,8212	2,5309	59,9893	0,56%	1,84%	3,44%	2,62%	24,77%
1-EICOSANOL	807,7	11,54	0,8789	0,2312	0,2864	0,7853	3,9920	169,8267	1,59%		1,47%	1,89%	28,26%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
1-EICOSENE	771	12,20	0,8804	0,2405	0,4845	0,8171	3,1749	117,8119	1,46%	2,27%	1,25%	1,40%	25,67%
1-ETHOXO-2-PROPANOL	560,4	37,48	0,7581	0,2687	0,6718	0,8636	2,3442	4,3018	6,27%			2,05%	23,15%
1-ETHYL-2-ISOPROPYLBENZENE	666	26,70	0,4176	0,2561	0,4541	0,8314	2,0665	38,5250	0,26%	0,52%	0,29%	3,31%	23,17%
1-ETHYLCYCLOHEXENE	614,9	33,05	0,2922	0,2628	0,3746	0,8307	1,9574	25,8927	1,35%	2,52%		3,91%	20,33%
1-ETHYNAPHTHALENE	776	33,20	0,4073	0,2565	0,4174	0,8337	2,1744	35,0427	2,12%	2,45%	2,63%	4,00%	17,84%
1-ETHYLTETRALIN	733	27,52	0,4292	0,2508	0,6804	0,8578	1,5617	48,7148	0,78%	1,43%		3,72%	24,23%
1-HEPTADECANOL	779,2	13,77	0,8123	0,2409	0,2921	0,7921	3,8411	115,7287	2,85%		2,94%	1,32%	25,22%
1-HEPTADECENE	736	14,10	0,7503	0,2433	0,4408	0,8221	3,0654	95,6628	2,48%	2,12%	1,59%	1,48%	25,09%
1-HEPTANOL	632,3	30,85	0,5621	0,2642	1,7500	1,0000	0,7107	20,7602	2,58%		7,51%	1,40%	23,26%
1-HEPTENE	537,4	29,20	0,3432	0,2648	0,2966	0,8476	2,5874	21,4378	1,84%	2,93%	2,03%	3,06%	21,55%
1-HEPTYNE	547	32,10	0,3778	0,2683	0,3692	0,8583	2,4216	15,7757	1,32%	2,11%	5,93%	2,08%	17,96%
1-HEXAPOSENE	827,3	9,64	1,0757		0,6109	0,8205	3,0999		1,18%	1,59%			
1-HEXADECANOL	768,6	14,68	0,7788	0,2375	0,2798	0,7927	3,8221	111,5111	3,89%		3,29%	2,44%	24,03%
1-HEXADECENE	722	14,80	0,7242	0,2435	0,4402	0,8200	2,9710	90,1474	1,82%	1,86%	1,09%	1,63%	25,19%
1-HEXANOL	611,3	34,46	0,5586	0,2515	1,5800	1,0000	0,7946	25,4396	2,26%		7,50%	4,79%	22,04%
1-HEXENE	504	32,10	0,2851	0,2674	1,0614	1,0000	0,8585	17,9573	0,66%	0,63%	1,51%	3,55%	19,88%
1-HEXYNE	516,2	36,20	0,3327	0,2693	0,3018	0,8510	2,5330	12,8435	1,38%	1,39%	4,58%	3,07%	18,75%
1-METHOXY-2-PROPANOL PROPANOATE	611,7	26,02	0,5099	0,2490	0,9179	0,8225	1,2816	42,7416	0,78%	1,32%		3,69%	25,01%
1-METHYL-1-ETHYLCYCLOPENTANE	582	30,20	0,3298	0,2656	0,2638	0,8429	2,6677	22,4107	3,09%		1,95%	3,07%	19,55%
1-METHYL-2-n-PROPYLBENZENE	662	29,40	0,4070	0,2595	0,3302	0,8450	2,6317	31,3306	2,53%	3,10%	2,72%	2,57%	22,97%
1-METHYL-3-(METHYLETHOXY)BENZENE	670	28,40	0,4454	0,2601	0,3034	0,8329	2,8477	30,1343	2,30%	3,80%		2,48%	26,00%
1-METHYL-3-HYDROXY-5-ISOPROPYL BENZENE	726,8	34,08	0,5863		0,5872	0,7898	1,9671		0,64%	1,00%			
1-METHYL-3-HYDROXY-6-ISOPROPYL BENZENE	722,5	34,08	0,5848		0,4548	0,8443	2,6432		0,73%	1,36%			
1-METHYL-3-n-PROPYLBENZENE	654	28,10	0,4128	0,2599	0,3234	0,8419	2,6839	32,9028	1,35%	2,49%	2,36%	1,65%	27,00%
1-METHYL-4-n-PROPYLBENZENE	656	28,10	0,4134	0,2634	0,3301	0,8434	2,6579	29,7203	1,56%	2,36%	2,61%	1,47%	28,07%
1-METHYL-4-VINYLCYCLOHEXENE	626	31,20	0,3445	0,2620	0,5638	0,8656	1,6558	26,6230	0,99%	1,98%	0,86%	3,24%	21,16%
1-METHYLCYCLOPENTENE	542	41,30	0,2318	0,2728	0,9664	0,9316	0,8350	12,6121	1,17%	2,25%	1,62%	3,96%	15,88%
1-METHYLINDAN	694,1	34,37	0,3139	0,2626	0,6757	0,8866	1,3599	27,4956	0,62%	1,35%		3,58%	20,68%
1-METHYLINDENE	703	34,60	0,3349	0,2556	0,3230	0,8307	2,3083	35,1067	0,62%	1,76%	1,10%	4,11%	21,10%
1-METHYNAPHTHALENE	772	36,00	0,3416	0,2561	0,7256	0,8461	1,2701	36,6109	0,53%	2,31%	0,11%	4,46%	19,94%
1-METHYLTETRALIN	719,3	30,57	0,3836	0,2539	0,7779	0,8745	1,3097	40,9078	0,66%	1,35%		3,94%	22,98%
1-METHYLVINYL ACETATE	552,2	41,81	0,4027	0,2801	0,3460	0,8487	2,5704	2,4533	2,48%	2,89%		1,25%	16,16%
1-n-BUTYLNAPHTHALENE	792	26,80	0,4951	0,2547	0,7175	0,8400	1,5877	44,6226	1,45%	1,48%	0,79%	2,87%	22,73%
1-n-DECYLNAPHTHALENE	844	15,23	0,7456		0,5568	0,8251	2,5578		0,67%	1,73%			
1-n-HEXYL-1,2,3,4-TETRAHYDRONAPHTHALENE	779	18,90	0,5888	0,2398	0,5695	0,8153	2,0952	90,0449	0,80%	1,56%	1,19%	3,19%	36,48%
1-n-HEXYLNAPHTHALENE	813	22,50	0,5874	0,2531	0,5783	0,8190	2,0764	53,5698	0,80%	0,82%	1,05%	1,79%	27,92%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
1-NITROBUTANE	623	37,60	0,4546	0,2472	0,3787	0,8489	2,5663	33,0409	6,57%	4,23%		3,58%	24,98%
1-NITROPROPANE	605	43,50	0,4128	0,2442	0,4123	0,8638	2,3423	30,5741	4,33%	3,48%	9,34%	4,87%	23,22%
1-n-NONYLNAPHTHALENE	835,1	16,43	0,7216	0,2272	0,5307	0,8277	2,6124	129,4616	0,72%	1,73%		4,66%	41,19%
1-NONADECANOL	798,8	12,20	0,8582	0,2349	0,4675	0,8169	3,1798	148,8349	2,03%			1,37%	27,16%
1-NONADECENE	760	12,80	0,8325	0,2417	0,4711	0,8193	3,1270	109,5755	2,54%	2,21%	1,45%	1,39%	25,28%
1-NONANOL	670,9	25,27	0,5841	0,2472	2,6200	1,0000	0,4615	45,8731	2,47%		5,15%	5,23%	19,78%
1-NONENE	593,1	24,28	0,4367	0,2592	0,3878	0,8424	2,4505	32,4892	0,56%	2,35%	3,04%	2,55%	23,00%
1-NONYNE	598,05	26,10	0,4710	0,2620	0,3004	0,8287	2,9299	26,0308	0,23%	0,89%	5,58%	2,05%	22,54%
1-n-PENTYLNAPHTHALENE	803	24,40	0,5354	0,2516	0,6647	0,8304	1,7659	53,0722	1,40%	1,53%	1,09%	2,81%	25,22%
1-OCTACOSENE	842,2	9,01	1,1351		0,6742	0,8255	2,9938		1,46%				
1-OCTADECANOL	789,3	12,95	0,8322	0,2344	0,2885	0,7900	3,9058	138,3976	3,11%		2,83%	2,08%	26,08%
1-OCTADECENE	748	13,40	0,7943	0,2427	0,4564	0,8204	3,1015	102,1290	2,22%	2,13%	1,52%	1,40%	25,32%
1-OCTANOL	652,3	27,83	0,5697	0,2550	2,0999	1,0000	0,5827	33,0536	1,53%	3,76%	8,20%	3,14%	21,13%
1-OCTENE	566,9	26,63	0,3921	0,2628	0,3337	0,8474	2,5914	25,6825	2,06%	2,83%	1,85%	2,50%	21,62%
1-OCTYNE	574	28,80	0,4233	0,2645	0,4090	0,8515	2,3614	20,9630	1,14%	1,93%	5,58%	2,09%	20,23%
1-PENTADECANOL	757,3	15,69	0,7507	0,2372	0,2817	0,7954	3,7394	102,3866	3,54%		3,96%	2,89%	22,31%
1-PENTADECENE	708	15,70	0,6815	0,2454	0,4215	0,8213	2,9485	80,7445	1,87%	1,88%	1,37%	1,74%	24,90%
1-PENTANOL	588,1	38,97	0,5748	0,2536	1,5032	1,0000	0,8572	19,6994	1,52%	4,08%	4,06%	4,17%	22,25%
1-PENTENE	464,8	35,60	0,2372	0,2705	0,7399	0,9337	1,1261	14,0580	0,64%	1,34%	2,07%	3,38%	18,54%
1-PENTENE-4-YNE	503	44,00	0,1786	0,2668	0,1869	0,8540	2,4863	16,4093	2,04%	2,71%	0,16%	4,73%	17,35%
1-PENTYNE	481,2	41,70	0,2899	0,2889	0,2806	0,8546	2,4773	2,6772	1,97%	2,30%	4,31%	3,17%	14,49%
1-PHENYLNAPHTHALENE	849	26,30	0,5309	0,2448	0,4784	0,8281	2,2984	65,1737	0,73%	1,20%		3,14%	26,45%
1-PROPANOL	536,8	51,69	0,6209	0,2471	1,0602	0,9168	1,3265	15,6881	2,69%	2,42%	5,11%	5,00%	24,26%
1-tert-BUTOXY-2-[2-(HYDROXY)PROPOXY]PROPANE	689,9	23,00	0,9350	0,2592	0,5316	0,8201	3,1078	16,8535	0,73%	1,24%		1,34%	29,69%
1-tert-BUTOXY-2-[2-(tert-BUTOXY)PROPOXY]PROPANE	729,4	15,27	0,6360		0,4943	0,8257	2,5191		0,75%	1,54%			
1-TETRACOSENE	810,4	10,37	1,0139		0,5798	0,8208	3,0927		1,12%	1,56%			
1-TETRADECENE	691	16,27	0,6503	0,2429	0,4776	0,8137	2,5587	82,8101	0,74%	1,57%	0,41%	2,55%	26,50%
1-TRIACONTENE	857	8,47	1,1817		0,6752	0,8220	3,0680		1,43%				
1-TRIDECANOL	732,4	18,10	0,6881	0,2427	0,3836	0,7296	2,5798	78,7290	4,73%		4,27%	3,33%	21,25%
1-TRIDECENE	674,8	17,49	0,6074	0,2460	0,4219	0,8220	2,7213	70,6006	0,56%	1,84%	0,96%	2,48%	25,62%
1-UNDECANOL	703,9	21,19	0,6236	0,2486	2,1398	0,9126	0,6252	57,6129	6,32%		4,76%	3,36%	20,70%
1-UNDECENE	637,8	20,44	0,5225	0,2523	0,3734	0,8317	2,7479	49,6045	0,43%	2,25%	3,53%	2,53%	24,08%
2-(2-HEXYOXYETHOXY)ETHANOL	684	24,10	1,1110	0,2669	1,8516	0,9868	1,0778	1,1257	5,69%		5,19%	2,59%	24,48%
2-(2-PENTOXYETHOXY)ETHANOL	705,3	25,03	0,7047	0,2563	0,4310	0,7107	2,3726	32,3338	0,74%			1,89%	24,77%
2-(DIFLUOROMETHOXY)-1,1,1-TRIFLUOROETHANE	444,03	34,20	0,3887	0,2635	0,6183	0,8520	1,5938	14,9469	0,63%	1,09%		3,17%	19,34%
2-(N-MORPHOLINO)-2'-HYDROXYDIETHYLETHER	728,4	28,93	0,7521		0,4939	0,8314	2,8763		0,75%	1,36%			

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
2,2',2"-NITRILOTRIS-ACETONITRILE	823	26,40	0,9240		0,5077	0,8171	3,1759		0,76%	1,37%			
2,2,3,3-TETRAMETHYLBUTANE	568	28,70	0,2450	0,2739	0,2299	0,8487	2,5469	16,1957	0,52%	2,35%	0,08%	2,54%	15,47%
2,2,3,3-TETRAMETHYLHEXANE	623	25,10	0,3659	0,2693	0,3297	0,8514	2,5268	21,3030	1,86%	2,44%	1,35%	2,41%	19,68%
2,2,3,3-TETRAMETHYLPENTANE	607,5	27,41	0,3051	0,2702	0,2743	0,8487	2,5704	19,7560	1,22%	2,26%	0,57%	3,07%	24,37%
2,2,3,4-TETRAMETHYLPENTANE	592,6	26,00	0,3138	0,2680	0,3966	0,8397	1,9751	22,9910	1,25%	2,15%	4,73%	3,39%	24,22%
2,2,3-TRIMETHYLBUTANE	531,1	29,50	0,2501	0,2704	0,2367	0,8501	2,5469	17,7466	0,37%	1,36%	0,41%	3,72%	20,91%
2,2,3-TRIMETHYLPENTANE	563,5	27,30	0,2971	0,2638	0,2786	0,8415	2,4489	24,7301	0,51%	1,30%	1,80%	5,18%	25,53%
2,2,4,4,6,8,8-HEPTAMETHYLNONANE	692	15,70	0,5482	0,2487	0,3779	0,8339	2,8287	71,1996	0,66%	3,20%	6,41%	3,59%	33,30%
2,2,4,4-TETRAMETHYL-1,3-CYCLOBUTANEDIOL	699,5	31,72	0,5711	0,2487	0,2600	0,7795	3,0779	38,4021	0,59%	1,86%	3,04%	25,61%	
2,2,4,4-TETRAMETHYLPENTANE	574,6	24,90	0,3136	0,2692	0,3641	0,8475	2,1477	21,7113	1,14%	1,83%	0,87%	3,15%	22,59%
2,2,4-TRIMETHYL-1,3-PENTANEDIOL	697,9	27,04	0,5958	0,2331	0,2712	0,6814	2,4509	62,7583	0,53%		6,65%	29,73%	
2,2,4-TRIMETHYLPENTANE	543,8	25,70	0,3035	0,2671	0,2897	0,8524	2,5116	22,7063	0,52%	1,11%	3,61%	3,46%	20,45%
2,2,5,5-TETRAMETHYLHEXANE	581,4	21,90	0,3767	0,2653	0,5899	0,8062	1,5299	29,4315	0,20%	0,78%	0,32%	3,18%	20,95%
2,2,5-TRIMETHYLHEXANE	569,8	23,30	0,3446	0,2632	0,5754	0,8077	1,4853	31,1929	0,89%	1,47%	2,21%	3,70%	24,58%
2,2-DICHLORO-1,1,1-TRIFLUOROETHANE	456,94	36,76	0,2825	0,2675	0,3219	0,8360	2,1408	14,1630	0,64%	1,20%	4,78%	3,68%	18,83%
2,2-DICHLORO-1,1,2-TRIFLUOROETHANE	462	36,10	0,2622		0,4509	0,8288	1,6054		0,79%	2,21%	4,58%		
2,2-DIMETHYL-1-PROPANOL	552,7	40,78	0,5950		0,2690	0,7600	2,9454		0,59%	1,45%			
2,2-DIMETHYL-3-ETHYLPENTANE	590	25,70	0,3353	0,2690	0,8437	0,9040	1,1440	21,9287	0,76%	1,07%		2,92%	20,22%
2,2-DIMETHYLBUTANE	489	31,00	0,2341	0,2731	0,2316	0,8523	2,5126	13,9389	1,01%	1,86%	1,64%	3,75%	18,22%
2,2-DIMETHYLHEPTANE	576,7	23,50	0,3911	0,2624	0,4736	0,8407	1,9529	29,6112	2,18%	2,25%	3,01%	2,94%	25,34%
2,2-DIMETHYLHEXANE	549,8	25,30	0,3378	0,2637	0,3054	0,8337	2,4200	26,7431	0,42%	1,17%	0,97%	3,59%	20,40%
2,2-DIMETHYLOCTANE	602	21,60	0,4288	0,2574	0,3894	0,8230	2,3031	39,2700	0,46%	1,62%	1,22%	3,42%	27,73%
2,2-DIMETHYLPENTANE	520,5	27,70	0,2871	0,2660	0,3043	0,8410	2,2702	22,0237	0,67%	1,18%	1,95%	4,13%	19,89%
2,2'-IMINOBIS-ACETONITRILE	731	35,40	0,7192		0,4133	0,8205	3,0999		0,69%	1,35%			
2,3,3,3-TETRAFLUOROPROPENE	367,85	33,82	0,2820	0,2645	0,6863	0,8978	1,2821	14,3435	0,65%	1,37%		3,77%	20,33%
2,3,3,4-TETRAMETHYLPENTANE	607,5	27,20	0,3144	0,2700	0,3518	0,8443	2,1810	20,3858	0,39%	2,20%	1,27%	2,92%	21,42%
2,3,3-TRIMETHYL-1-BUTENE	531	31,40	0,2388	0,2771	0,1528	0,8329	2,8470	12,0088	1,81%	4,61%	2,63%	2,99%	19,86%
2,3,3-TRIMETHYLPENTANE	573,5	28,20	0,2903	0,2678	0,2382	0,8433	2,6598	21,4209	0,74%	2,08%	0,12%	4,09%	19,17%
2,3,4,5,2',3',4',5'-OCTAHYDRO-BIFURYL-(3,3')	738	37,00	0,3715		0,3728	0,8463	2,3321		1,03%	2,16%			
2,3,4-TRIMETHYLPENTANE	566,4	27,30	0,3153	0,2650	0,2981	0,8450	2,4506	23,9088	0,41%	1,14%	1,18%	4,18%	19,80%
2,3,5-TRIMETHYLTHIOPHENE	656,8	36,30	0,3238	0,2645	0,5870	0,8700	1,5446	22,2110	0,59%	1,43%		3,32%	20,41%
2,3-DICHLOROBUTANE	599	37,40	0,2682	0,2651	0,5764	0,8648	1,4087	22,5460	0,85%	0,53%		2,66%	22,84%
2,3-DICHLOROPROPENE	578	43,80	0,1945	0,2631	1,1576	1,0000	0,6678	22,8714	2,62%		0,90%	2,83%	23,78%
2,3-DIHYDROFURAN	524	55,00	0,2255	0,2675	0,6035	0,8853	1,2853	11,4395	0,66%	1,26%		4,73%	23,22%
2,3-DIMETHYL-1,3-BUTADIENE	526	35,20	0,2142	0,2612	1,1625	1,0000	0,6766	24,5821	0,65%	1,07%	0,58%	5,32%	23,67%
2,3-DIMETHYL-1-BUTENE	501	33,20	0,2333	0,2727	0,5585	0,8627	1,3585	14,3326	1,21%	1,73%	0,61%	3,26%	20,56%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
2,3-DIMETHYL-1-HEXENE	561	27,60	0,3249	0,2668	0,2711	0,8110	2,3753	22,1092	0,51%	3,15%	2,78%	3,62%	21,62%
2,3-DIMETHYL-2,3-DIPHENYLBUTANE	805	19,90	0,5208		0,3385	0,8296	2,9116		0,61%	1,50%			
2,3-DIMETHYL-2-BUTENE	528	33,20	0,2237	0,2590	1,2721	1,0000	0,6248	27,5915	1,09%	1,12%	2,90%	5,70%	23,34%
2,3-DIMETHYLBENZOTHIOPHENE	786	34,64	0,4205	0,2559	0,6493	0,8394	1,5752	35,3647	0,76%	1,43%		3,45%	30,11%
2,3-DIMETHYLBUTANE	500	31,50	0,2493	0,2701	0,2391	0,8510	2,5337	16,1281	0,60%	1,48%	1,36%	4,11%	17,39%
2,3-DIMETHYLDECANE	653,5	18,80	0,5159	0,2506	0,6845	0,8424	1,7097	59,0147	0,81%	1,41%		2,88%	24,91%
2,3-DIMETHYLDODECANE	689,7	16,56	0,6016	0,2464	0,5868	0,8332	2,1358	74,8718	0,77%	1,53%		2,50%	26,54%
2,3-DIMETHYLHEPTANE	588,8	23,90	0,3914	0,2604	0,3766	0,8409	2,3377	32,8713	2,02%	2,87%	2,22%	2,88%	21,93%
2,3-DIMETHYLHEXANE	563,5	26,30	0,3455	0,2617	0,2642	0,8396	2,7253	27,5965	0,40%	0,87%	0,74%	4,23%	20,99%
2,3-DIMETHYLNONANE	633,9	20,16	0,4703	0,2530	0,7207	0,8577	1,5649	51,5033	0,83%	1,39%		2,95%	24,05%
2,3-DIMETHYLOCTANE	613,1	21,73	0,4245	0,2553	0,4779	0,8386	2,0443	44,2778	0,91%	2,24%		3,11%	23,15%
2,3-DIMETHYLPENTANE	537,3	29,10	0,2964	0,2634	0,2546	0,8457	2,6193	22,7136	0,34%	1,85%	1,14%	5,17%	24,43%
2,3-DIMETHYLTHIOPHENE	637	40,50	0,2709	0,2582	0,5841	0,8643	1,4061	25,5060	0,70%	1,63%		5,68%	17,93%
2,3-DIMETHYLUNDECANE	671,4	17,61	0,5590	0,2482	0,5947	0,8390	2,0290	67,1396	0,78%	1,52%		2,64%	25,73%
2,3-PENTADIENE	497	38,00	0,2184	0,2578	0,8813	0,8705	0,8800	24,4516	1,07%	0,66%	1,68%	5,77%	14,59%
2,3-XYLENOL	722,95	49,00	0,5157	0,2930	0,4143	0,8463	2,6093	-12,4132	1,87%	1,61%	2,25%	0,87%	17,03%
2,4,4-TRIMETHYL-1-PENTENE	550	26,80	0,3011	0,2656	0,2589	0,8462	2,6117	24,2554	1,89%	1,99%	1,84%	3,61%	24,89%
2,4,4-TRIMETHYL-2-PENTENE	555	26,80	0,2971	0,2632	1,2985	1,0000	0,6902	28,1206	1,01%	1,25%	1,06%	4,42%	25,19%
2,4,4-TRIMETHYLHEXANE	581	24,60	0,3522	0,2659	0,4531	0,8489	1,9377	25,5129	1,64%	1,95%	2,95%	2,89%	23,10%
2,4,6-TRIMETHYLPYRIDINE	653	33,30	0,3749	0,2499	0,6387	0,8373	1,4820	36,9048	0,39%	0,72%		5,97%	21,48%
2,4-DIAMINOTOLUENE	804	43,80	0,5794	0,2466	1,2381	0,9955	1,0733	33,6148	0,48%	0,32%		3,09%	26,36%
2,4-DICHLOROBENZOTRIFLUORIDE	646	28,10	0,4344		0,5531	0,8363	1,8307		0,69%	1,14%			
2,4-DICHLOROTOLUENE	705	35,90	0,3590	0,2547	0,7387	0,8746	1,3232	34,2230	0,49%	0,49%		4,11%	26,25%
2,4-DIMETHYL-1,3-DIOXOLANE-2-METHANOL	621,3	35,40	0,5507		0,4359	0,8241	2,5048		0,57%	1,57%			
2,4-DIMETHYL-3-ETHYLPENTANE	591	25,30	0,3530	0,2659	0,4931	0,8547	1,8418	25,4065	1,07%	1,60%		2,71%	21,48%
2,4-DIMETHYLHEXANE	553,5	25,60	0,3436	0,2657	0,2654	0,8392	2,7070	24,1314	0,42%	0,77%	0,69%	2,81%	21,84%
2,4-DIMETHYLOCTANE	600	21,70	0,4345	0,2636	0,7614	0,8530	1,4076	32,3049	0,82%	1,02%	1,57%	1,66%	27,65%
2,4-DIMETHYLPENTANE	519,8	27,40	0,3022	0,2642	0,3311	0,8352	2,1718	23,1212	0,52%	1,18%	0,80%	4,68%	20,25%
2,4-DINITROPHENOL	766,9	38,88	0,8160	0,2444	0,4579	0,8186	3,1415	31,1987	0,77%	1,67%		1,96%	30,83%
2,4-DIPHENYL-4-METHYLPICTENE-1	835	20,00	0,5467	0,2417	0,3433	0,8273	2,9580	89,2339	0,91%	1,17%		3,55%	27,28%
2,4-TOLUENE DIISOCYANATE	725	30,40	0,6582	0,2476	0,6436	0,8722	2,2276	41,6302	2,35%			1,39%	17,97%
2,4-XYLENOL	707,65	44,00	0,5136	0,2682	0,3681	0,8368	2,7744	9,4468	1,69%	2,33%	2,72%	2,56%	11,87%
2,5-DIHYDROFURAN	542	55,00	0,2197	0,2607	0,9324	0,9185	0,8473	16,0636	1,09%	2,78%	0,71%	5,90%	24,78%
2,5-DIMETHYL-1,5-HEXADIENE	567	27,40	0,3238	0,2588	0,3769	0,8173	1,9811	32,5756	0,44%	1,98%	0,25%	4,12%	21,56%
2,5-DIMETHYL-2,4-HEXADIENE	597	27,40	0,3218	0,2444	1,3351	1,0000	0,7101	49,3856	1,57%	2,74%	0,96%	6,19%	30,46%
2,5-DIMETHYLHEXANE	550	24,90	0,3576	0,2615	0,2726	0,8394	2,7275	28,9342	0,60%	0,99%	0,71%	3,61%	21,00%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
2,5-DIMETHYLOCTANE	603	21,70	0,4403	0,2581	0,6507	0,8419	1,6129	38,5295	1,93%	1,86%	2,11%	2,94%	27,24%
2,5-DIMETHYLTHIOPHENE	629,9	44,62	0,3085		0,4182	0,8822	2,0836		0,63%				
2,5-XYLENOL	707,05	49,00	0,5638	0,2877	0,6548	0,8906	2,0044	-9,6644	1,61%	1,94%		1,02%	17,02%
2,6,8-TRIMETHYL-4-NONANONE	658	19,70	0,6490	0,2531	0,5878	0,8334	2,2495	42,4552	0,82%	1,73%		2,06%	29,89%
2,6-DIETHYLNAPHTHALENE	807	25,80	0,5118		0,5362	0,8265	2,0377		0,31%	1,80%	1,48%		
2,6-DIMETHYL-4-HEPTANOL	603	25,50	0,8022	0,2684	0,6527	0,8524	2,4525	6,2303	1,08%	2,62%		1,86%	20,66%
2,6-DIMETHYLHEPTANE	579	23,00	0,3927	0,2582	0,5505	0,8206	1,6828	36,2337	0,43%	0,34%	1,27%	3,87%	27,20%
2,6-DIMETHYLNAPHTHALENE	777	31,70	0,4177	0,2612	0,5785	0,8492	1,7492	34,0779	0,30%	0,99%	0,63%	1,45%	24,08%
2,6-DIMETHYLOCTANE	606	21,70	0,4386	0,2616	0,5640	0,8339	1,8010	34,9740	0,51%	1,16%	1,86%	1,84%	28,52%
2,6-DIMETHYLPYRIDINE	623,75	37,50	0,3453	0,2562	0,4439	0,8262	1,8649	27,1481	0,71%	0,47%	0,66%	4,64%	16,31%
2,6-DINITROPHENOL	770,1	39,05	0,8220		0,4880	0,7959	2,8653		0,65%	1,73%			
2,6-NAPHTHALENEDICARBOXYLIC ACID	904	30,50	1,1601		0,6868	0,8258	2,9883		1,53%	1,50%			
2,6-TOLUENE DIISOCYANATE	749	29,00	0,4338	0,2366	1,7063	1,0000	0,6202	70,0151	0,75%	1,09%		5,51%	23,01%
2,6-XYLENOL	701,05	43,00	0,4554	0,2880	0,3753	0,8471	2,5960	-7,0139	1,91%	2,25%	2,05%	1,01%	17,66%
2,7-DIMETHYLBENZOTHIOPHENE	772,4	34,64	0,4220		0,3520	0,8387	2,5534		0,61%	1,64%			
2,7-DIMETHYLNAPHTHALENE	775	32,30	0,4477	0,2674	0,5166	0,8477	2,0001	26,1193	0,38%	1,90%	0,86%	1,25%	6,48%
2,7-DIMETHYLOCTANE	604	21,30	0,4420	0,2559	0,4075	0,8270	2,2920	42,0723	0,32%	0,51%	1,66%	3,24%	29,36%
2-ACETOACETOXY ETHYL METHACRYLATE	724,2	22,57	0,8156	0,2399	0,5973	0,8280	2,5843	57,8068	0,30%			2,03%	33,89%
2-AMINO-2-METHYL-1-PROPANOL	619,8	38,62	0,6466	0,2362	0,3919	0,7646	2,6155	37,2967	0,61%	1,66%		3,85%	29,36%
2-AMINOETHOXYETHANOL	735	59,00	0,5598	0,2927	0,4129	0,7920	2,4385	-7,9579	2,06%	1,40%	7,83%	2,02%	4,13%
2-BROMOBUTANE	567	46,30	0,2684	0,2868	0,7077	0,8647	1,1696	-0,7211	0,92%	1,91%	0,89%	3,54%	6,29%
2-BROMOPROPANE	532	55,10	0,2432	0,3291	0,2626	0,8611	2,3803	-19,4389	3,21%	2,99%	4,46%	6,53%	7,91%
2-BUTANOL	535,9	41,88	0,5808	0,2522	2,0395	1,0000	0,6054	18,6985	1,01%	1,60%		4,13%	24,41%
2-BUTOXIME	608,5	42,04	0,6071	0,2426	0,7972	0,8177	1,6133	27,6011	1,06%	1,63%	2,81%	4,71%	23,28%
2-BUTOXYETHANOL	633,9	32,70	0,5143	0,2535	0,2676	0,8167	3,1856	29,1796	1,35%	2,51%	3,23%	3,30%	19,95%
2-BUTYL-1-DECANOL	707,6	17,13	1,1142		0,6288	0,8202	3,1055		1,36%	1,51%			
2-BUTYL-2-ETHYL-1,3-PROPANEDIOL	732	25,97	0,6907	0,2429	0,2134	0,7899	3,9089	53,4329	1,46%			3,06%	27,90%
2-BUTYLBENZOTHIOPHENE	818,7	28,41	0,5280		0,3181	0,8246	3,0131		0,59%	1,54%			
2-BUTYL-NONAN-1-OL	681,5	18,26	1,0762	0,2508	0,6039	0,8196	3,1202	37,0371	1,20%	1,44%		1,79%	28,19%
2-BUTYL-OCTAN-1-OL	667,3	19,41	0,9889		0,6329	0,8319	2,8660		0,79%				
2-CHLORO-1,1,1,2-TETRAFLUOROETHANE	395,65	36,60	0,2877	0,2697	0,2647	0,8495	2,5580	10,6723	0,53%	1,87%	4,42%	3,03%	18,50%
2-CHLORO-1,1,1-TRIFLUOROETHANE	430	38,40	0,2465	0,2551	0,2673	0,8586	2,4166	21,6080	0,79%	2,12%		4,82%	21,32%
2-CHLORO-1,1-DIFLUOROETHYLENE	400,55	44,58	0,2116	0,2657	0,4372	0,8729	1,6529	12,3731	2,50%	2,43%	0,17%	4,20%	20,11%
2-CHLOROETHANOL	585	59,20	0,6578	0,2393	0,6545	0,8752	2,1891	17,8875	2,66%			5,58%	20,75%
2-CHLOROPROPENE	478	47,10	0,1515	0,2792	0,7543	0,9399	0,9262	9,3936	0,72%	1,37%	1,92%	1,44%	16,18%
2-CYCLOHEXENE-1-ONE	684,2	45,35	0,3063		0,5749	0,8656	1,5214		0,73%	1,57%			

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	
2-CYCLOHEXENYL CYCLOHEXANONE	792,8	29,33	0,4284	0,2586	0,5569	0,8286	1,7850	37,4379	0,60%	1,70%		3,08%	22,50%
2-ETHOXYETHYL ACETATE	607,3	31,66	0,5522	0,2641	0,4109	0,8401	2,7151	18,6107	2,32%	2,58%		1,27%	13,25%
2-ETHYL BUTYRIC ACID	655	34,10	0,6326	0,2548	0,5504	0,8231	2,2910	25,5064	0,75%	0,91%		1,43%	30,29%
2-ETHYL HEXANOIC ACID	674,6	27,78	0,8013	0,2482	0,7095	0,8158	2,1624	32,6914	1,12%	2,07%		2,04%	21,27%
2-ETHYL-1-BUTANOL	591,2	35,35	0,6330	0,2634	0,4048	0,7165	2,3092	13,8655	0,67%			1,90%	22,85%
2-ETHYL-1-BUTENE	511	33,00	0,2523	0,2677	0,6431	0,8544	1,2310	18,9035	0,81%	1,77%	1,11%	3,72%	19,61%
2-ETHYL-1-HEXANOL	640,4	27,56	0,5498	0,2548	0,2174	0,7328	2,8341	33,6798	0,94%			3,24%	24,05%
2-ETHYL-1-HEXENE	569	26,70	0,3577	0,2603	1,0253	1,0000	1,0027	30,1055	0,47%	0,50%		3,39%	23,73%
2-ETHYL-1-PENTENE	543	29,50	0,3073	0,2644	0,4017	0,8781	2,1526	23,0709	2,07%	4,77%	1,33%	2,75%	22,38%
2-ETHYL-2-HEXENAL	636	26,40	0,4535	0,2300	0,2925	0,8297	2,9095	70,6258	1,06%	2,82%	1,99%	5,87%	29,51%
2-ETHYLBENZOTHIOPHENE	774	35,26	0,4283	0,2626	0,5741	0,8339	1,7503	25,3868	0,77%	1,54%	0,46%	2,74%	25,64%
2-ETHYLHEXANAL	619,2	26,79	0,4539	0,2596	0,7435	0,8552	1,4835	32,1387	0,80%	1,26%		1,69%	25,97%
2-ETHYLHEXYL ACRYLATE	655	20,70	0,6730	0,2527	0,6729	0,8763	2,1753	42,0175	0,60%			1,64%	25,74%
2-ETHYLHEXYL BENZOATE	755,6	18,68	0,6858	0,2451	0,6441	0,8356	2,1659	70,9550	0,78%	1,65%		1,94%	27,44%
2-ETHYL-m-XYLENE	671	30,20	0,4066	0,2598	0,3104	0,8401	2,7148	30,7693	0,71%	0,87%	2,01%	2,56%	21,37%
2-ETHYLNAPHTHALENE	771	31,70	0,4213	0,2520	0,3527	0,8475	2,5890	41,3517	2,05%	2,20%	2,82%	4,30%	21,68%
2-ETHYL-p-XYLENE	663	28,80	0,4114	0,2554	0,4257	0,8242	2,1111	37,2489	0,30%	3,12%	1,36%	3,30%	24,64%
2-ETHYL-TETRAHYDROTHIOPHENE	657,8	38,10	0,2515	0,2643	1,3497	1,0000	0,6145	24,4561	0,63%	1,96%		4,61%	19,80%
2-ETHYLTHIOPHENE	626,6	44,09	0,2931		0,5441	0,8691	1,5674		0,57%	1,19%			
2-FORMYL BENZOIC ACID	772	38,30	0,8188	0,2222	1,0020	0,9071	1,6917	57,1062	0,33%	0,18%		3,61%	34,82%
2-HEPTANOL	608,3	30,00	0,5677	0,2556	3,8841	0,9969	0,2963	27,5254	0,39%			4,31%	19,56%
2-HEPTANONE	611,4	29,40	0,4190	0,2550	0,3172	0,8391	2,7330	33,8367	1,04%	1,77%	1,20%	2,81%	25,00%
2-HEXANOL	585,3	33,11	0,5530	0,2554	2,5568	1,0000	0,4560	24,1433	3,02%	3,96%		4,23%	20,98%
2-HEXANONE	587,61	32,87	0,3846	0,2544	0,3796	0,8317	2,2389	30,2045	0,91%	2,04%	0,59%	3,93%	23,08%
2-HEXYNE	549	35,30	0,2214	0,2628	0,4669	0,7636	1,3159	26,0084	0,29%	0,74%		3,76%	22,36%
2-HYDROXYPROPYL METHACRYLATE	663	31,40	0,7544	0,2541	0,8398	0,8426	1,8226	24,7756	1,46%	0,87%	3,04%	1,66%	25,65%
2-MERCAPTOBENZOTHIAZOLE	749	40,00	0,3321		0,2409	0,8364	2,7815		0,50%	1,96%			
2-METHOXY PROPANOL-1	588,4	39,40	0,4727	0,2453	0,4800	0,8534	2,2431	30,5686	0,72%	1,64%		3,63%	25,68%
2-METHOXYETHANOL	597,6	52,85	0,4543	0,2512	0,4183	0,8539	2,4536	18,4270	0,84%	2,05%		4,74%	12,15%
2-METHYL BENZOTHIOPHENE	768,7	35,00	0,3302	0,2465	0,2561	0,8399	2,7152	49,3481	1,32%	2,80%	1,73%	4,90%	24,30%
2-METHYL OCTANAL	638,3	25,00	0,5483		0,5314	0,8175	2,1220		0,62%	1,39%			
2-METHYL THIAINDAN	788,6	37,09	0,3023	0,2571	0,6309	0,8749	1,4038	36,2396	0,59%	1,17%		4,32%	21,54%
2-METHYL-1,3-PROPANEDIOL	697	53,50	0,7144	0,2663	0,9441	0,8634	1,5838	8,6451	1,39%	0,98%	2,42%	2,79%	20,69%
2-METHYL-1-BUTANOL	575,4	39,40	0,5877	0,2547	1,8378	0,9998	0,6860	17,4482	1,46%	1,46%		4,91%	17,72%
2-METHYL-1-BUTENE	465	34,47	0,2341	0,2617	0,7217	0,8765	1,0912	21,1707	0,23%	0,98%	0,30%	5,25%	20,79%
2-METHYL-1-BUTENE-3-YNE	492	43,80	0,1370	0,2752	0,2117	0,8543	2,1636	11,7979	0,67%	0,77%	0,01%	3,69%	20,77%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
2-METHYL-1-HEPTANOL	608,5	28,57	0,7623	0,2708	0,5114	0,8248	2,7835	3,6262	0,77%	1,26%		1,48%	22,22%
2-METHYL-1-HEPTENE	567	26,00	0,3551	0,2584	0,5187	0,8548	1,7655	33,2549	0,56%	1,56%	2,63%	3,46%	26,08%
2-METHYL-1-HEXANOL	595	30,30	0,7733	0,2561	0,5921	0,8190	2,4656	18,1690	0,76%	1,04%	10,14%	1,72%	21,77%
2-METHYL-1-HEXENE	538	28,70	0,3094	0,2612	0,3011	0,8245	2,2646	27,1290	0,21%	1,76%	0,19%	4,03%	23,72%
2-METHYL-1-NONENE	616	21,90	0,4527	0,2533	0,5584	0,8300	1,8437	46,2270	0,82%	1,25%	0,18%	3,04%	32,61%
2-METHYL-1-OCTENE	593	23,80	0,4051	0,2528	0,4771	0,8394	1,9835	42,2242	0,35%	1,89%	0,03%	4,32%	27,62%
2-METHYL-1-PENTANOL	604,4	34,50	0,5100	0,2544	0,1263	0,7624	3,4403	25,0648	0,35%			5,01%	21,17%
2-METHYL-1-PENTENE	505	31,90	0,2611	0,2641	0,3388	0,8269	1,9486	21,6635	0,46%	0,87%	0,15%	4,52%	21,60%
2-METHYL-1-PROPANOL	547,8	42,95	0,5857	0,2492	1,8067	1,0000	0,6968	19,0437	2,39%	2,31%	8,09%	5,77%	22,06%
2-METHYL-1-TRIDECANOL	707,7	17,13	1,1154		0,6349	0,8211	3,0872		1,55%	1,53%			
2-METHYL-1-UNDECANOL	665,9	19,56	1,0345		0,5871	0,8204	3,1019		1,14%	1,41%			
2-METHYL-2-AMINOBUTANE	526	36,60	0,3202	0,2819	0,6882	0,8748	1,3328	5,7344	0,72%	1,24%		1,27%	6,97%
2-METHYL-2-BUTANOL	543,7	37,10	0,4820	0,2592	2,7232	0,8476	0,4352	18,5767	2,37%	2,05%	6,07%	4,10%	19,62%
2-METHYL-2-BUTENE	470	34,20	0,2870	0,2538	0,3107	0,8582	2,3481	24,5650	1,45%	1,79%	1,95%	6,46%	22,02%
2-METHYL-2-PENTENAL	605	32,60	0,3494	0,2395	0,2329	0,8320	2,8650	47,7572	0,43%	2,31%	1,08%	5,97%	31,43%
2-METHYL-2-PENTENE	514	31,60	0,2445	0,2608	1,2005	1,0000	0,6927	26,5056	1,02%	1,18%	2,12%	4,97%	16,89%
2-METHYL-2-PROPANOL	506,2	39,72	0,6152	0,2557	2,4686	1,0000	0,5035	16,6563	0,96%	3,42%	4,02%	3,00%	22,38%
2-METHYL-3-ETHYLPENTANE	567,1	27,00	0,3297	0,2603	0,6959	0,8522	1,2996	28,4192	1,40%	1,43%	1,51%	5,59%	25,27%
2-METHYLBENZOFURAN	697	36,40	0,3752	0,2541	0,3342	0,8506	2,5404	32,9728	1,30%	2,11%		3,63%	22,29%
2-METHYLBUTYRALDEHYDE	543,2	38,29	0,3779	0,2634	0,2692	0,8362	2,7865	16,9905	1,73%	4,34%	0,94%	3,03%	20,96%
2-METHYLBUTYRIC ACID	643	38,90	0,5894	0,2524	0,6996	0,8439	1,8305	24,4843	0,82%	0,92%		2,06%	24,96%
2-METHYLDECANE	631,8	19,82	0,5230	0,2530	0,6991	0,8426	1,6919	49,5848	0,45%	0,89%		2,79%	24,46%
2-METHYL-DODECAN-1-OL	682,5	18,26	1,0722	0,2500	0,5985	0,8190	3,1339	38,7872	1,07%	1,44%		1,75%	28,49%
2-METHYLDODECANE	668	17,17	0,6188	0,2474	0,4800	0,8364	2,5880	66,4390	0,69%	1,55%		2,25%	26,48%
2-METHYLHEPTANAL	605,7	26,82	0,4869	0,2567	0,7938	0,7871	1,3818	32,0548	0,76%	1,21%		3,24%	23,21%
2-METHYLHEPTANE	559,7	25,00	0,3795	0,2585	0,4217	0,8348	2,0782	32,0569	0,60%	0,82%	2,23%	4,03%	20,58%
2-METHYLHEXANAL	592	28,50	0,4609	0,2539	0,3591	0,8175	2,5061	33,1767	0,47%	1,84%	0,94%	3,25%	23,58%
2-METHYLHEXANE	530,4	27,40	0,3280	0,2626	0,3388	0,8380	2,2560	25,0218	0,70%	2,19%	1,85%	3,99%	21,49%
2-METHYLHEXANOIC ACID	666	31,10	0,6957		0,6784	0,8313	2,0733		0,77%	1,98%			
2-METHYLINDENE	711	34,60	0,3508	0,2538	0,3430	0,8267	2,2516	37,0059	0,41%	0,88%	0,97%	4,18%	22,13%
2-METHYLNAPHTHALENE	761	35,00	0,3781	0,2551	0,3434	0,8531	2,5005	35,9448	4,71%	1,11%	0,72%	3,77%	21,86%
2-METHYLNONANE	610	21,20	0,4723	0,2547	0,4177	0,8245	2,3360	43,7662	1,12%	2,05%	1,40%	2,78%	29,28%
2-METHYLOCTANE	582,87	23,10	0,4602	0,2587	0,5285	0,8413	1,9820	33,0678	0,66%	1,40%	3,47%	2,66%	23,15%
2-METHYLOCTANOIC ACID	694	25,40	0,7913	0,2514	0,5420	0,8249	2,7301	34,2838	0,76%	1,69%		1,47%	26,39%
2-METHYLPENTANE	497,7	30,40	0,2791	0,2685	0,3279	0,8404	2,1294	17,7302	0,65%	1,86%	1,42%	3,46%	18,48%
2-METHYLPROPANAL	507	41,00	0,3622	0,2570	0,2988	0,8395	2,6076	19,6035	0,73%	1,66%		3,60%	22,86%

Name	T <sub>e</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
2-METHYLPYRIDINE	621	46,00	0,2990	0,2676	0,4666	0,8273	1,6544	16,1333	1,50%	1,60%	0,83%	3,19%	6,87%
2-METHYLtetrahydrofuran	537	37,58	0,2816	0,2481	0,6992	0,9002	1,2610	30,2594	0,73%	1,56%		7,28%	37,00%
2-Methylthiacyclopentane	628,4	41,83	0,2489	0,2622	1,0635	1,0000	0,7993	23,0267	0,74%	1,85%		4,59%	19,92%
2-Methylthiophene	609	49,10	0,2389	0,2780	0,3198	0,8336	1,9603	8,6871	1,32%	2,04%	1,25%	1,97%	21,84%
2-Methyltridecane	684,1	16,04	0,6649	0,2445	0,4841	0,8367	2,7057	76,8449	0,60%	1,59%		2,08%	27,47%
2-methylundecane	650,7	18,42	0,5718	0,2502	0,5370	0,8322	2,2209	57,5253	0,74%	1,48%		2,46%	25,38%
2-nitropropane	594	44,50	0,3836	0,2525	0,3695	0,8598	2,3994	24,4996	5,38%	4,89%	7,87%	3,82%	19,95%
2-nonanol	649,5	25,41	0,6092	0,2613	0,5528	0,7506	1,9950	27,2788	1,00%			1,46%	18,06%
2-nonanone	652,5	24,10	0,4979	0,2491	0,5328	0,8109	1,9601	49,5785	1,19%	1,80%	0,66%	3,45%	25,14%
2-norbornene	583	39,30	0,1590		0,2534	0,8445	1,9944		0,66%	2,59%	0,08%		
2-n-propylthiophene	649,2	38,97	0,3407		0,5666	0,8718	1,6453		0,73%	1,16%			
2-octanol	629,8	27,49	0,5881	0,2523	0,3144	0,7063	2,4233	32,4086	0,27%			4,66%	17,68%
2-octanone	632,7	26,40	0,4549	0,2528	0,4779	0,8149	2,0245	41,3742	0,68%	1,49%	0,31%	2,93%	25,32%
2-oxazolidone	930,5	54,88	0,3944		0,4714	0,8422	1,9934		0,75%	2,41%			
2-pentanethiol	584,3	35,36	0,2685	0,2709	1,1450	1,0000	0,7612	17,3940	0,61%	1,05%		2,79%	14,43%
2-pentanol	561	37,00	0,5550	0,2526	2,1821	0,2948	0,8134	22,7135	0,63%			5,82%	21,93%
2-pentanone	561,08	36,94	0,3433	0,2546	0,3621	0,8304	2,1650	26,4859	0,19%	3,67%	2,03%	4,22%	31,05%
2-pentoxyethanol	641,2	30,36	0,6228	0,2606	0,3370	0,8173	3,1720	20,2119	0,60%	2,90%	4,80%	1,46%	23,39%
2-pentyne	519	40,30	0,1752	0,2631	1,1208	1,0000	0,6558	22,1577	1,07%	4,09%	0,53%	4,18%	21,29%
2-phenyl-2-propanol	660	34,90	0,6924	0,2641	0,7009	0,8798	2,1316	11,6537	2,17%	2,79%		1,30%	16,47%
2-phenylbutene-1	666	30,10	0,3536	0,2562	1,1994	1,0000	0,8293	36,9174	0,54%	0,67%		4,04%	26,94%
2-phenylethanol	684	39,20	0,7429	0,2509	0,7628	0,8856	2,0617	20,2176	5,61%	6,34%		2,80%	19,74%
2-propylbenzothiophene	807,5	31,56	0,4782		0,3343	0,8263	2,7559		0,62%	1,38%			
2-pyrrolidone	802	61,70	0,4324	0,2478	0,3796	0,8239	2,3600	26,6962	1,60%	3,93%	13,12%	3,33%	26,34%
3-(methylmercapto)propanal	650	40,20	0,4168	0,2418	0,7134	0,8546	1,4597	37,0887	0,61%	1,37%	3,12%	5,55%	30,90%
3-(n,n-dimethylamino)propylamine	593,3	35,86	0,4544	0,2679	0,5120	0,8596	2,0949	12,8708	0,60%	1,30%		1,67%	20,78%
3,3,3-trifluoropropene	378,59	36,09	0,2653		0,5350	0,9264	1,6452		1,40%				
3,3,5-trimethylheptane	609,5	23,20	0,3847	0,2643	0,3784	0,8263	2,2065	29,8969	1,79%	1,84%	2,17%	2,80%	21,01%
3,3-diethylpentane	610,05	26,75	0,3381	0,2644	0,3005	0,8494	2,5596	25,4373	1,37%	2,45%	2,41%	3,75%	28,25%
3,3-dimethyl-1-butene	480	32,90	0,2285	0,2814	0,2198	0,8510	2,5334	6,5981	2,77%	2,94%	5,44%	2,51%	19,44%
3,3-dimethyl-1-butyne	488,5	36,75	0,1615	0,2889	0,3519	0,8513	1,6521	1,5820	0,62%	1,52%		2,92%	14,99%
3,3-dimethyl-2-butanone	564	33,20	0,3273	0,2604	0,2814	0,8460	2,6147	24,3730	0,99%	1,50%		3,75%	21,32%
3,3-dimethylhexane	562	26,50	0,3202	0,2581	0,3153	0,8394	2,3403	30,1689	0,60%	1,16%	0,47%	6,36%	25,87%
3,3-dimethylpentane	536,4	29,50	0,2679	0,2744	0,2865	0,8510	2,3527	14,8760	0,47%	1,29%	0,78%	1,84%	18,13%
3,4-dichloro-1-butene	589	38,50	0,2959	0,2589	0,3315	0,7700	1,8522	25,0839	1,51%			4,70%	20,88%
3,4-dichloroaniline	800	41,10	0,4678	0,2461	0,3170	0,8321	2,8624	39,2208	0,74%	1,54%		3,71%	22,31%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
3,4-DICHLOROPHENYL ISOCYANATE	730,3	34,09	0,5050	0,2460	0,7934	0,7734	1,4020	42,4559	0,67%	1,50%		4,31%	25,00%
3,4-DIMETHYLHEXANE	568,8	26,90	0,3381	0,2626	0,2642	0,8408	2,7034	26,5213	0,33%	1,16%	0,67%	4,16%	20,07%
3,4-DIMETHYLTHIOPHENE	642,8	41,89	0,2786	0,2660	0,6410	0,8729	1,3243	19,0100	0,59%	1,45%		3,74%	19,14%
3,4-XYLENOL	729,95	50,00	0,5763	0,2826	0,4213	0,8393	2,7297	-6,0129	2,20%	1,90%	3,02%	1,41%	17,32%
3,5-DIISOPROPYL TOLUENE	681,4	22,39	0,4887	0,2563	0,6101	0,8428	1,8300	42,4158	0,77%	1,39%		2,70%	24,38%
3,5-DIMETHYLBENZOFURAN	713,7	32,16	0,4222	0,2509	0,3738	0,8513	2,5285	40,2684	0,59%			3,50%	24,14%
3,5-DIMETHYLBENZOTHIOPHENE	784,8	34,64	0,4247	0,2573	0,5166	0,8831	2,0918	32,4743	1,97%			2,61%	22,77%
3,5-XYLENOL	715,65	36,00	0,4852	0,2375	1,6053	1,0000	0,7108	47,6203	1,77%	2,30%	1,64%	6,32%	4,86%
3-AMINO-1-PROPANOL	649	55,00	0,8273	0,2499	0,5068	0,8181	2,9343	15,4070	0,72%	0,89%		1,29%	27,19%
3-CHLORO-o-XYLENE	685,1	33,88	0,3424		0,4301	0,8301	1,9232		0,57%	1,96%			
3-CHLOROPROPENE	514,15	47,10	0,1478	0,2604	1,0410	0,9802	0,6648	20,6251	1,09%		0,58%	5,90%	20,48%
3-CHLOROPROPYLTRIMETHOXYSILANE	647,3	21,34	0,5349	0,2415	0,7358	0,7786	1,5426	66,9437	3,97%		1,53%	4,10%	26,63%
3-ETHYL HEPTANAL	623,8	23,64	0,5671		0,5808	0,8731	2,2162		0,73%				
3-ETHYL-1-HEPTANOL	636,7	25,46	0,8657	0,2582	1,3052	0,9646	1,3304	20,0182	2,22%	2,46%	6,22%	1,54%	25,34%
3-ETHYL-1-HEXENE	553,9	26,04	0,3600	0,2602	0,2466	0,8334	2,8374	29,4091	0,65%	3,72%	2,79%	3,81%	23,65%
3-ETHYL-1-PENTENE	530	30,30	0,3019	0,2736	0,2250	0,8302	2,6772	13,4418	0,62%	3,89%	1,69%	2,50%	18,43%
3-ETHYL-2,5-DIMETHYLTHIOPHENE	669	32,60	0,3794		0,5242	0,8488	1,8058		0,77%	2,53%			
3-ETHYLBENZOTHIOPHENE	776,5	35,26	0,4292	0,2607	0,5497	0,8581	1,8949	27,4712	0,75%	1,41%		2,56%	22,19%
3-ETHYLDODECANE	691,4	16,22	0,5995		0,5051	0,8284	2,3905		0,73%	1,50%			
3-ETHYLHEPTANE	590	23,90	0,4080	0,2581	0,5238	0,8488	1,8839	34,4107	0,97%	1,61%		3,54%	23,06%
3-ETHYLHEXANE	565,5	26,10	0,3605	0,2575	0,2771	0,8381	2,7020	31,2263	0,43%	1,05%	1,17%	5,10%	25,11%
3-ETHYL-o-XYLENE	680	28,80	0,3621	0,2517	0,8824	0,8642	1,1136	46,3548	0,38%	0,61%	0,12%	4,24%	19,93%
3-ETHYLPENTANE	540,6	28,90	0,3091	0,2667	0,3337	0,8413	2,2268	21,4862	0,34%	1,95%	0,55%	2,94%	19,46%
3-HEPTANOL	605,4	30,73	0,5511	0,2624	0,4706	0,7792	2,1928	19,3633	2,83%			1,79%	21,34%
3-HEPTANONE	606,6	29,20	0,4076	0,2505	0,5360	0,8150	1,7538	38,3605	0,78%	1,48%	0,29%	4,60%	24,11%
3-HEXANONE	582,82	33,20	0,3801	0,2556	0,4023	0,8297	2,1211	28,5921	1,94%	1,90%	0,99%	4,03%	21,15%
3-HEXYNE	544	35,30	0,2183	0,2606	0,8168	0,6491	0,8351	26,8204	1,34%			5,95%	20,93%
3-HYDROXY-2-METHYL PROPIONALDEHYDE	615	45,90	0,7928		1,0682	0,8781	1,5140		2,33%	1,66%	3,46%		
3-HYDROXYBUTYROLACTONE	830,6	53,97	0,6127	0,2324	0,4037	0,8307	2,8895	39,1294	0,51%			3,81%	30,44%
3-MERCAPTOPROPIONIC ACID	729	50,20	0,5885	0,2639	0,9094	0,8369	1,4174	17,2791	2,76%		0,52%	3,19%	37,08%
3-METHOXYISOPROPYLAMINE	548	40,90	0,4227	0,2772	0,2749	0,8300	2,9037	6,2989	0,49%	1,31%		0,88%	9,62%
3-METHOXYPROPIONITRILE	638	36,30	0,4597	0,2163	0,7689	0,9079	1,5201	62,6606	0,60%	0,94%		9,02%	31,00%
3-METHYL SULFOLANE	817	42,40	0,4191	0,2426	0,6179	0,8477	1,6577	43,4943	0,77%	1,18%		4,91%	38,96%
3-METHYL-1,2-BUTADIENE	490	38,30	0,1874	0,2650	1,3721	1,0000	0,5332	20,4367	1,14%	0,98%	0,48%	4,35%	14,82%
3-METHYL-1,4-PENTADIENE	497	34,90	0,2468	0,2730	0,5461	0,8784	1,4605	12,5450	0,75%	1,68%	0,80%	3,22%	18,31%
3-METHYL-1-BUTANOL	577,2	39,30	0,5900	0,2551	1,9115	1,0000	0,6561	17,2566	1,46%	2,57%		5,06%	18,48%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
3-METHYL-1-BUTENE	452,7	35,30	0,2097	0,2748	0,4160	0,8757	1,7062	11,2509	0,70%	2,76%	0,49%	3,19%	12,84%
3-METHYL-1-BUTYNE	463,2	42,00	0,3081	0,2927	0,2784	0,8529	2,5030	-2,0603	6,53%	6,59%	4,55%	1,13%	11,90%
3-METHYL-1-HEXENE	528	29,50	0,3057	0,2687	0,2882	0,8259	2,3211	17,9350	0,53%	1,24%	0,13%	3,60%	20,13%
3-METHYL-1-PENTANOL	588	34,00	0,7230	0,2505	0,2820	0,7977	3,6706	20,4114	3,58%	3,80%	3,93%	20,76%	
3-METHYL-1-PENTENE	495	32,90	0,2640	0,2741	0,2714	0,8568	2,4435	11,7783	1,83%	1,90%	2,68%	2,97%	18,03%
3-METHYL-2-BUTANOL	556,1	38,70	0,5016	0,2611	2,7074	1,0000	0,4070	16,0614	2,27%	3,33%	4,12%	16,88%	
3-METHYL-2-PENTANONE	573	33,20	0,3886	0,2586	0,2633	0,8276	2,7861	25,2292	0,72%	6,98%	2,07%	3,42%	22,79%
3-METHYL-3-ETHYLPENTANE	576,5	28,10	0,3050	0,2676	0,2788	0,8499	2,5505	21,5086	0,56%	0,85%	2,15%	3,47%	20,24%
3-METHYL-3-PENTANOL	575,6	35,20	0,4318	0,2662	0,2736	0,8272	2,9600	14,9319	2,72%		2,58%	15,33%	
3-METHYLBUTYRALDEHYDE	543,2	38,29	0,3820	0,2651	0,5622	0,8569	1,7274	15,5249	0,65%	1,34%	2,69%	19,51%	
3-METHYL-cis-2-PENTENE	515	32,90	0,2585	0,2644	0,4749	0,8232	1,5210	21,5102	0,52%	1,28%	0,79%	4,53%	20,20%
3-METHYLCYCLOPENTENE	526	41,30	0,2296	0,2774	0,8583	0,8991	0,9245	8,2834	1,23%	2,03%	1,52%	4,02%	13,76%
3-METHYLDECANE	634,1	19,89	0,5204	0,2520	0,6019	0,8703	2,0128	50,6968	0,63%		2,33%	24,68%	
3-METHYLDODECANE	669	17,19	0,6156	0,2465	0,5019	0,8495	2,5567	68,4292	0,72%		2,05%	26,59%	
3-METHYLHEPTANE	563,6	25,50	0,3723	0,2569	0,4299	0,8334	2,0181	32,6414	0,81%	0,96%	2,59%	4,94%	24,98%
3-METHYLHEXANAL	595	28,50	0,4570	0,2488	0,4606	0,8339	2,1692	38,2952	0,54%		1,30%	4,11%	28,34%
3-METHYLHEXANE	535,2	28,10	0,3204	0,2592	0,3606	0,8342	2,1138	26,9222	0,60%	1,25%	0,99%	5,66%	23,99%
3-METHYLNONANE	613	21,60	0,4649	0,2535	0,4054	0,8284	2,3843	44,2732	0,24%	0,91%	1,61%	3,48%	27,32%
3-METHYLOCTANE	590,15	23,40	0,4123	0,2578	0,4410	0,8330	2,1054	36,2761	1,51%	1,86%	1,91%	3,13%	25,27%
3-METHYLPENTANE	504,6	31,20	0,2702	0,2666	0,3141	0,8389	2,1441	19,0017	1,03%	1,49%	0,94%	4,49%	16,64%
3-METHYLPYRIDINE	645	46,60	0,2978	0,2613	0,2987	0,8458	2,3739	20,5163	0,83%	1,59%	1,14%	3,93%	13,47%
3-METHYLTHIOPHENE	613	49,10	0,2397	0,2741	0,4009	0,8244	1,6510	11,0408	1,19%	1,56%	0,75%	3,11%	21,37%
3-METHYL-trans-2-PENTENE	517	31,90	0,2627	0,2568	1,3531	1,0000	0,6196	28,8502	0,59%	1,76%	4,00%	6,21%	22,54%
3-METHYLTRIDECANE	684,7	16,06	0,6668	0,2438	0,5055	0,8356	2,6120	78,5840	0,75%	1,60%		2,11%	27,66%
3-METHYLUNDECANE	652,3	18,47	0,5690	0,2492	0,4700	0,8495	2,5566	58,9904	0,55%			2,23%	25,66%
3-NITROBENZOTRIFLUORIDE	667	28,00	0,5364	0,2322	0,4015	0,8402	2,7134	63,4949	1,89%	2,73%		4,50%	29,72%
3-NONANONE	648,1	24,53	0,4629	0,2519	0,8835	0,8217	1,2517	46,0991	0,65%	0,91%		3,70%	22,43%
3-OCTANONE	627,7	27,04	0,4406	0,2511	0,4537	0,8281	2,1296	40,2507	0,70%	1,07%		4,23%	21,36%
3-PENTANOL	559,6	37,14	0,5143	0,2530	0,1765	0,0003	1,0308	23,9211	2,03%			5,94%	21,13%
3-PENTANONE	560,95	37,40	0,3448	0,2578	0,3648	0,8284	2,1410	24,6477	0,67%	6,07%	0,54%	3,44%	16,38%
4-((2-HYDROXYETHOXY)CARBONYL) BENZOIC ACID	871,4	29,60	0,9669		0,5285	0,8167	3,1841		1,02%	1,45%			
4-(2-METHOXYETHYL)MORPHOLINE	669,8	31,33	0,4696		0,7280	0,8147	1,4867		0,65%	1,42%			
4,4'-DIISOPROPYLBIPHENYL	813,6	18,41	0,6164		0,4412	0,8243	2,6789		0,56%	1,63%			
4,4'-DINITRODIPHENYLAMINE	926	26,20	1,0247		0,5568	0,8165	3,1903		1,38%	1,01%			
4,4'-DINITROTRIPHENYLAMINE	946	20,00	1,0900		0,5886	0,8161	3,1984		1,38%	0,99%			
4,6-DIMETHYLDIBENZOTHIOPHENE	939,4	29,81	0,4902		0,3578	0,8269	2,6863		0,67%	1,78%			

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
4,6-DINITRO-o-sec-BUTYLPHENOL	793,9	27,50	1,0079		0,6928	0,8402	2,7145		1,32%				
4-[(TETRAHYDRO-2-FURANYL)OXY]-1-BUTANOL	694,3	30,90	0,9319		0,5489	0,8231	3,0434		0,95%	1,30%			
4-[2-(2-AMINOETHOXY)ETHYL]MORPHOLINE	706,9	28,50	0,6933		0,7336	0,8357	1,9372		1,30%	1,25%	1,65%		
4-CARBOXYBENZALDEHYDE	966	38,20	0,8174		0,4438	0,8162	3,1971		0,78%	1,66%			
4-CHLORO-3-NITROBENZOTRIFLUORIDE	686	27,40	0,6038	0,2410	0,6260	0,8771	2,1651	52,0513	1,77%			2,82%	30,99%
4-CHLORO-o-XYLENE	689,1	33,22	0,3471		0,5286	0,8394	1,6788		0,57%	1,75%			
4-ETHYL-m-XYLENE	665	28,80	0,4140	0,2555	0,3496	0,8365	2,5110	36,9301	0,50%	2,99%	2,06%	2,99%	25,11%
4-ETHYL-o-XYLENE	667	28,80	0,4114	0,2543	0,3407	0,8355	2,5381	38,2418	0,26%	0,57%	1,91%	3,44%	23,19%
4-HEPTANONE	602	29,20	0,4120	0,2553	0,3130	0,8398	2,7217	33,5318	0,37%	1,10%	2,67%	2,92%	23,93%
4-HYDROXYACETOPHENONE	860	44,50	0,6409	0,2480	0,6476	0,8762	2,1769	31,4660	5,25%			2,09%	27,96%
4-HYDROXYBUTYRALDEHYDE	599	44,80	0,8404	0,2382	0,5602	0,7959	2,6350	26,1409	2,00%		1,19%	2,02%	29,97%
4-HYDROXYSTYRENE	736	45,20	0,5090		0,5754	0,8267	1,9220		0,85%	1,19%	3,31%		
4-ISOBUTYLSTYRENE	735	23,80	0,4631	0,2417	0,4806	0,8272	2,0926	70,3550	0,68%	1,48%	1,45%	4,46%	26,50%
4-METHOXYPHENYLACETIC ACID	768	39,00	0,8984		0,5986	0,8342	2,8079		0,53%	0,70%			
4-METHYL DIBENZOTHIOPHENE	904,1	33,78	0,4414		0,3281	0,8221	2,6182		0,44%				
4-METHYL-1-HEPTENE	557,3	26,04	0,3591	0,2591	0,6594	0,8744	1,4772	30,8149	0,62%	1,39%		3,87%	24,13%
4-METHYL-1-HEXENE	534	30,40	0,3024	0,2715	0,4581	0,8245	1,6921	15,2381	0,62%	2,79%	1,22%	3,07%	18,49%
4-METHYL-1-OCTANOL	631,7	24,84	0,8697	0,2564	0,6730	0,8505	2,5416	21,5880	2,08%			1,51%	26,99%
4-METHYL-1-PENTENE	496	32,20	0,2389	0,2716	1,1615	1,0000	0,7026	15,6413	1,21%	1,84%	1,37%	3,88%	19,21%
4-METHYL-2-PENTANOL	574,4	34,70	0,5730	0,2665	1,3602	1,0000	0,9518	11,0909	0,46%	0,78%		1,90%	17,81%
4-METHYL-cis-2-PENTENE	499	32,20	0,2442	0,2699	1,1357	1,0000	0,7310	17,0947	0,75%	2,54%	2,25%	3,96%	19,19%
4-METHYL-CYCLOHEXANE-METHANOL	647,6	32,43	0,6295	0,2792	0,9661	0,8147	1,3907	4,5193	0,74%	0,89%		4,04%	31,32%
4-METHYLCYCLOPENTENE	527	41,30	0,2357	0,2811	1,0428	0,9528	0,7773	6,7888	1,59%	2,84%	1,35%	1,97%	14,47%
4-METHYLHEPTANE	561,7	25,40	0,3707	0,2579	0,4038	0,8312	2,0993	32,1943	0,70%	0,83%	2,55%	4,53%	21,99%
4-METHYLNONANE	610	21,60	0,4651	0,2578	0,5457	0,8214	1,8863	39,4453	1,52%	2,44%	2,21%	2,18%	27,49%
4-METHYLOCTANE	587,65	23,40	0,4129	0,2575	0,4669	0,8302	2,0014	36,2157	1,66%	1,96%	2,51%	3,42%	26,15%
4-METHYLPHENANTHRENE	895,3	27,21	0,4401	0,2343	1,2057	1,0000	0,9356	89,8813	0,55%	1,02%		5,72%	28,24%
4-METHYLPYRIDINE	646,15	46,60	0,3010	0,2628	0,2800	0,8487	2,5147	19,6123	0,77%	1,32%	1,18%	3,40%	11,86%
4-METHYL-trans-2-PENTENE	501	32,20	0,2552	0,2696	1,1705	1,0000	0,7201	17,0527	0,94%	2,24%	0,86%	3,89%	19,70%
4-NONANONE	643,7	24,53	0,4988	0,2575	0,5927	0,8235	1,8482	38,0465	0,76%	0,95%		1,58%	22,98%
4-OCTANONE	623,8	27,04	0,4204	0,2562	1,5766	1,0000	0,6681	36,6834	0,65%	0,78%		3,68%	21,28%
5-ETHYLIDENE-2-NORBORNENE	629	34,00	0,3141	0,2657	0,4294	0,8391	1,8645	22,2808	0,33%	0,82%		3,08%	20,18%
5-ETHYL-m-XYLENE	655	27,50	0,4169	0,2510	0,3203	0,8407	2,7052	43,1580	0,44%	1,06%	2,27%	3,68%	28,00%
5-HEXEN-2-ONE	586,8	34,13	0,4174	0,2489	0,4107	0,8604	2,3906	31,7495	0,50%			4,43%	30,04%
5-METHYL-1-HEXANOL	605	30,30	0,7807	0,2700	0,5602	0,8139	2,5748	8,3731	0,75%	0,73%		3,17%	26,16%
5-METHYL-1-HEXENE	528	28,70	0,3105	0,2643	0,4422	0,8596	1,9076	22,4187	1,17%	1,78%	0,79%	3,62%	22,48%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
5-METHYL-2-HEXANONE	601	29,70	0,4344	0,2568	0,3201	0,8380	2,7524	29,7072	0,99%	1,34%		2,95%	26,16%
5-METHYLINDAN	711,2	35,22	0,3262	0,2622	0,3919	0,8731	2,2163	27,0639	0,60%			3,16%	21,04%
5-METHYLNONANE	610	21,60	0,4562	0,2557	0,4342	0,8251	2,2237	41,9288	2,50%	3,26%	2,67%	2,96%	27,06%
5-NONANONE	640	23,20	0,5137	0,2423	0,3515	0,8328	2,8491	57,4406	1,21%	2,12%	1,05%	4,31%	26,27%
5-o-TOLYL-2-PENTENE	702,6	25,16	0,4794	0,2523	0,5286	0,8342	2,0136	46,2279	0,61%	1,48%		3,12%	27,00%
6-AMINOHEXANAMIDE	807,8	34,56	0,6975	0,2480	0,8020	0,8447	1,8067	37,1409	1,36%	1,33%	0,84%	2,05%	26,69%
6-AMINOHEXANOL	665	34,40	0,9689		0,4734	0,7989	3,3208		0,81%	0,83%			
6-METHYL-1-HEPTENE	558	26,00	0,3555	0,2592	0,3814	0,8487	2,2468	30,2121	0,97%	1,84%	0,16%	3,88%	24,63%
6-METHYL-1-OCTANOL	633,4	24,84	0,8745	0,2555	0,6723	0,8501	2,5482	23,5589	1,68%			1,56%	26,98%
7-METHYL-1-OCTENE	579	23,80	0,4045		0,4657	0,8387	2,0269		0,82%	1,37%	0,13%		
8-HYDROXYQUINOLINE	788	43,60	0,5223	0,2651	0,4935	0,8249	2,2050	18,0060	0,75%	1,05%		1,12%	16,64%
8-METHYL-1-NONANOL	676,7	23,93	0,6107	0,2551	0,1633	0,6649	2,7406	38,9499	0,67%			3,25%	24,54%
8-METHYL-1-NONENE	619	21,90	0,4523		0,6370	0,8382	1,6684		0,77%	1,17%	0,17%		
8-METHYLQUINOLINE	787	43,00	0,3582	0,2736	0,4098	0,8422	2,0761	11,6091	2,60%	2,93%	2,70%	2,21%	12,88%
ACENAPHTHALENE	792	32,00	0,3987		0,8703	0,8556	1,1837		0,80%	1,48%	2,48%		
ACENAPHTHENE	803,15	31,00	0,3811	0,2302	1,1835	1,0000	0,8801	77,4423	1,08%	4,23%	0,96%	7,25%	15,84%
ACETAL	539,7	32,20	0,4869	0,2842	0,4702	0,8635	2,3463	-3,1778	3,30%	3,30%	3,44%	1,47%	16,34%
ACETALDOL	620	45,90	0,7966	0,2149	0,7252	0,8697	2,2613	37,4761	0,55%			8,85%	21,18%
ACETALDOXIME	568	60,40	0,6384	0,2506	0,5091	0,8480	2,5817	15,9804	0,93%	1,48%		1,14%	14,86%
ACETAMIDE	761	66,00	0,4210	0,2156	0,6860	0,8091	1,4557	42,6861	0,74%	1,82%	0,78%	8,69%	28,78%
ACETAMINOPHEN	736	42,60	0,7997		0,4701	0,8049	2,9329		1,09%	1,28%	2,93%		
ACETANILIDE	825	37,30	0,5646	0,2364	0,7474	0,8681	1,7162	52,9305	0,44%	0,75%		4,03%	30,25%
ACETIC ANHYDRIDE	606	40,00	0,4553	0,2446	0,3544	0,8340	2,6197	32,8202	0,66%	2,89%	2,95%	3,50%	27,32%
ACETOACETANILIDE	879	30,30	0,7946	0,2337	0,4906	0,8217	2,9445	64,9966	0,76%	1,10%		2,43%	31,03%
ACETOACETIC ACID	678,5	46,97	0,7073		0,4316	0,8119	2,9102		0,73%	1,43%			
ACETOIN	607,4	44,63	0,5263	0,2469	0,3487	0,8158	2,7729	25,6665	0,66%	1,69%		3,30%	25,99%
ACETONE	508,2	47,01	0,3065	0,2433	0,3262	0,8554	2,3401	26,1497	0,21%	1,72%	3,22%	6,03%	30,84%
ACETONE CYANOHYDRIN	620	42,50	0,7673	0,2440	0,6013	0,8250	2,4470	25,0133	0,70%	0,77%		1,79%	28,14%
ACETONITRILE	545,5	48,50	0,3419	0,1963	0,5871	0,9211	1,6928	53,2912	2,80%	4,98%		13,33%	33,90%
ACETOPHENONE	709,6	40,10	0,3830	0,2572	0,3213	0,8459	2,6164	27,5582	0,64%	1,13%		3,11%	19,92%
ACETOVANILLONE	786	36,50	0,7856		0,4265	0,8163	3,1940		0,60%	0,87%			
ACETOXYACETIC ACID	764	43,20	0,7104		0,4242	0,8230	3,0462		0,80%	2,11%			
ACETYL CHLORIDE	508	57,40	0,3340	0,2643	0,3929	0,8751	2,1908	9,8426	5,11%	6,28%		4,39%	20,12%
ACETYLENE	308,3	61,38	0,1912	0,2708	0,3171	0,8842	2,0788	5,6077	0,45%	2,34%		2,84%	19,28%
ACETYLSALICYLIC ACID	765	32,70	0,8327	0,2411	0,6540	0,8212	2,4009	42,0633	0,99%	1,19%	2,67%	1,91%	29,28%
ACRIDINE	905	36,40	0,4400	0,2536	0,3367	0,8412	2,6960	39,3017	1,37%	2,25%	0,85%	3,92%	19,66%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
ACROLEIN	506	50,00	0,3198	0,2333	1,1458	1,0000	0,7943	29,1775	6,62%	7,11%	3,76%	9,51%	27,56%
ACROLEIN CYANOHYDRIN	639	45,10	0,8435	0,2357	0,7375	0,8661	2,3102	29,2745	0,65%		1,78%	30,72%	
ACRYLIC ACID	615	56,60	0,5383	0,2447	1,3654	0,9999	0,9050	21,8008	2,76%		0,59%	3,66%	34,30%
ACRYLONITRILE	540	46,60	0,3107	0,2256	0,3355	0,8621	2,3662	39,6531	1,04%		7,84%	30,33%	
ACRYLOXY PROPIONIC ACID	729,5	34,41	0,8018	0,2366	0,6675	0,8579	2,4276	43,7958	1,45%		1,85%	30,40%	
ADAMANTANE	703	29,20	0,1853		0,2134	0,8570	2,4402		0,47%		0,40%		
ADIPIC ACID	841	37,00	0,7778	0,2343	0,2658	0,7906	3,8854	51,9736	1,57%	1,36%	2,77%	32,26%	
ADIPONITRILE	781	28,30	0,6588	0,1925	0,6419	0,8720	2,2301	120,3553	0,26%		11,06%	58,74%	
AIR	132,45	37,74	0,0000	0,2943	0,1592	0,8955	1,9493	1,1017	1,35%	5,17%	3,70%	3,25%	5,13%
ALLYL ACETATE	559	36,80	0,3879	0,2566	0,5197	0,8922	1,9861	23,5024	0,49%	0,96%	2,88%	23,06%	
ALLYL ACRYLATE	575,5	33,96	0,4264		1,0631	0,8901	1,0289		0,80%	1,15%			
ALLYL ALCOHOL	545,1	56,20	0,5697	0,2482	0,6706	0,8421	1,8559	15,7122	0,90%	1,31%	4,23%	21,68%	
ALLYL ETHER	550,6	31,99	0,2762	0,2555	1,2535	1,0000	0,6965	32,2124	0,61%	1,45%	5,19%	21,53%	
ALLYL GLYCIDYL ETHER	629	36,80	0,4087	0,2580	0,4173	0,8375	2,2135	24,6489	0,81%	1,73%	3,12%	22,69%	
ALLYL METHACRYLATE	600	30,20	0,3881	0,2542	0,2802	0,8146	2,6184	34,0517	1,28%	3,01%	3,83%	24,48%	
ALLYLAMINE	505	51,70	0,3265	0,2547	0,5545	0,8502	1,5863	15,9444	0,72%	1,35%	6,56%	3,15%	
ALLYLDENE DIACETATE	639,1	28,64	0,5702	0,2526	0,6463	0,8172	1,8582	33,6162	0,68%	1,35%	2,56%	24,70%	
ALLYL-TERT-BUTYLPEROXIDE	563	28,80	0,4020	0,2747	0,3063	0,8393	2,7298	9,0901	1,11%	2,02%	1,81%	19,17%	
alpha-EPICHLOROHYDRIN	615	49,00	0,2523	0,2409	0,1860	0,8373	2,7656	33,4555	2,54%	2,71%	7,41%	34,93%	
alpha-HYDROXYISOBUTYRAMIDE	771,7	53,42	0,6453		0,4252	0,8308	2,8876		0,68%	1,37%			
alpha-HYDROXYISOBUTYRIC ACID	664	49,20	0,9833		0,5064	0,8119	3,2961		1,35%	0,93%			
alpha-METHYLBENZYL ALCOHOL	699	37,70	0,4382	0,2522	1,6060	0,9968	0,6705	32,2115	0,78%	1,32%	4,29%	23,18%	
alpha-METHYLBENZYL ALCOHOL FORMATE	690	32,30	0,4377	0,2556	0,5050	0,8343	1,9690	32,3382	0,29%	0,42%	3,40%	24,66%	
alpha-METHYLSTYRENE	654	33,60	0,3230	0,2581	0,5287	0,8296	1,5837	32,4918	0,45%	1,74%	0,62%	3,34%	27,06%
alpha-PHELLANDRENE	649	28,20	0,3807	0,2680	0,8440	0,8508	1,1802	24,5708	0,49%	2,65%	0,35%	1,57%	25,41%
alpha-PINENE	644	27,60	0,2209	0,2528	0,0952	0,7921	2,7026	48,7669	0,27%		7,43%	31,70%	
alpha-TERPINENE	649	28,00	0,3721	0,2562	0,3592	0,8299	2,2765	35,4751	0,38%	0,91%	1,12%	4,82%	24,11%
alpha-TERPINEOL	675	29,50	0,6992		0,5969	0,8572	2,4373		0,66%				
alpha-TOCOPHEROL	964,3	10,80	1,0314	0,2316	0,6695	0,8341	2,8240	187,1195	0,99%		1,96%	32,99%	
AMINOACETONITRILE	638	54,40	0,4657		1,3040	1,0000	0,8759		1,61%	2,09%	3,11%		
AMINOCAPRONITRILE	697	30,50	0,6532		0,4091	0,8271	2,9608		0,33%	0,81%	1,21%		
AMMONIA	405,65	112,80	0,2526	0,2460	0,2988	0,8652	2,3219	8,6398	0,09%	2,79%	9,86%	5,25%	25,61%
AMMONIUM SULFIDE	479	31,54	0,1657	0,1904	0,4632	0,9338	1,5801	83,5138	0,70%		12,47%	40,58%	
ANETHOLE	723	29,00	0,4846	0,2428	0,4721	0,8298	2,1976	53,3405	0,74%	1,29%	4,20%	32,29%	
ANILINE	699	53,10	0,3775	0,2593	0,3454	0,8219	2,3066	17,9623	0,48%	3,25%	0,81%	4,01%	28,47%
ANISOLE	645,6	42,50	0,3502	0,2639	0,3299	0,8431	2,4133	18,4118	0,10%	0,72%	3,11%	19,46%	

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									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
ANTHracene	873	29,00	0,4857	0,2289	0,3634	0,8403	2,7122	85,6306	4,25%	6,22%	3,11%	5,01%	35,14%
ANTHRAQUINONE	900	31,50	0,6807	0,2390	0,6837	0,8811	2,1158	62,5716	3,63%	5,99%	3,69%	25,74%	
ANTIMONY TRICHLORIDE	794	48,20	0,1706	0,2188	0,2015	0,8570	2,4405	66,0097	1,24%		10,69%	44,64%	
ARGON	150,86	48,98	0,0000	0,2941	0,2020	0,9085	1,8138	0,8738	0,45%	2,54%	5,88%	2,74%	13,27%
ARSENIC (III) CHLORIDE	629	52,60	0,3020	0,2599	0,2743	0,8480	2,5460	18,3791	0,54%	2,30%	3,14%	3,84%	21,33%
ARSENIC TRIOXIDE	1200	40,00	0,0611		0,1786	0,8784	2,1485		0,44%	2,19%			
ARSINE	373	65,50	0,0105	0,2779	0,2375	0,8807	1,5191	6,4884	0,68%	3,51%	0,37%	4,74%	54,74%
AZELAIC ACID	844	27,20	0,8923	0,2331	0,4695	0,7265	2,7213	65,2914	0,79%			3,69%	38,45%
BENZALDEHYDE	695	46,50	0,3127	0,2597	0,4359	0,8387	1,8335	23,1728	0,48%	0,58%	1,40%	3,88%	20,70%
BENZAMIDE	824	50,50	0,5585	0,2549	0,3744	0,8227	2,8030	22,4851	0,67%	1,50%		2,41%	24,20%
BENZANTHRACENE	979	23,90	0,5692		0,6727	0,8313	1,8249		0,87%	1,56%	0,35%		
BENZENE	562,05	48,95	0,2103	0,2698	0,1919	0,8469	2,5997	13,4541	0,52%	1,75%	1,47%	3,59%	19,05%
BENZENE-1,2,4-TRICARBOXYLIC ACID TRIMETHYL ESTER	821,7	23,34	0,8845	0,2400	0,6746	0,8480	2,5814	62,3067	3,97%			1,70%	29,93%
BENZIDINE	929	33,00	0,7347		0,4697	0,8204	2,8657		0,75%	0,96%			
BENZOIC ACID	751	44,70	0,6028	0,2481	2,0345	1,0000	0,6177	29,5477	2,17%	4,15%	2,33%	3,43%	26,77%
BENZONITRILE	702,3	42,15	0,3432	0,2467	0,5039	0,8501	1,7603	37,0711	0,27%	1,76%		4,88%	35,60%
BENZOPHENONE	830	33,52	0,5019	0,2632	0,3663	0,8382	2,7503	25,4462	2,51%	1,93%		1,69%	16,40%
BENZOTHIOPHENE	764	47,60	0,3071	0,2840	0,3136	0,8582	2,4230	7,0833	2,18%	3,20%		2,08%	15,50%
BENZOTRICHLORIDE	737	33,40	0,2599	0,2539	0,5051	0,8551	1,5394	43,6533	0,68%	1,50%		5,08%	27,05%
BENZOTRIFLUORIDE	559,9	32,10	0,2998	0,2522	0,4891	0,8191	1,5963	33,4748	0,92%	2,53%	0,58%	5,49%	26,39%
BENZOYL CHLORIDE	697	40,60	0,4159	0,2610	0,8356	0,9602	1,3648	22,3078	0,37%	0,39%		2,09%	23,57%
BENZYL ACETATE	699	31,80	0,4733	0,2593	0,4480	0,8340	2,2745	30,1669	0,91%	1,83%		1,52%	28,96%
BENZYL ALCOHOL	720,15	43,74	0,3631	0,2450	0,0725	0,7243	2,7828	37,5766	0,58%			7,62%	9,61%
BENZYL CHLORIDE	686	39,10	0,3136	0,2537	0,3743	0,7959	1,8648	33,2898	0,59%	3,03%	5,70%	4,97%	25,82%
BENZYL DICHLORIDE	731	36,50	0,3264	0,2570	0,5731	0,9137	1,6991	33,9398	0,46%	1,19%		2,66%	28,99%
BENZYL ETHYL ETHER	662	31,10	0,4332	0,2501	0,8554	0,9173	1,3169	36,9214	0,48%	2,07%		4,95%	25,12%
BENZYL FORMATE	698	35,90	0,4203	0,2553	0,6056	0,8395	1,6671	31,7559	0,75%	1,14%	3,13%	2,87%	27,73%
BENZYL MERCAPTAN	718	40,60	0,3126	0,2624	0,3777	0,8241	1,9725	25,9317	1,18%	2,44%	1,09%	2,58%	26,48%
BENZYLAMINE	684	43,20	0,4011	0,2620	0,2932	0,8371	2,7698	20,1612	0,72%	1,12%		2,63%	12,24%
beta-PHELLANDRENE	648	28,20	0,3766	0,2659	0,5628	0,8177	1,6123	26,0269	0,55%	1,85%	0,22%	1,91%	25,43%
beta-PINENE	643	27,60	0,3249	0,2549	0,2863	0,8478	2,5848	41,3826	2,00%	3,15%		4,20%	22,33%
beta-TERPINEOL	665,2	30,12	0,6872	0,2738	0,4333	0,8186	2,8876	1,8988	0,62%	1,09%		1,03%	21,31%
BICYCLO[2.2.1]HEPTANE	594	36,96	0,1636		0,1781	0,8525	2,5090		0,50%	2,60%			
BICYCLO[2.2.2]OCTANE	625	34,20	0,2054	0,2417	0,2826	0,8701	2,2557	45,2152	0,81%		3,45%	4,82%	13,89%
BICYCLOHEXYL	727	25,60	0,4276	0,2549	0,3985	0,8563	2,4510	43,7668	1,70%	2,62%		3,43%	24,30%
BIPHENYL	773	33,80	0,4029	0,2551	0,2858	0,8350	2,8089	35,9357	0,97%	1,73%	0,18%	3,94%	20,30%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
BIS-(2-AMINOETHYL)ETHER	655,8	44,21	0,6152		1,7655	0,9998	0,7358		0,77%	0,82%		4,99%	26,55%
BIS(alpha-METHYLBENZYL) ETHER	770,6	19,92	0,4834	0,2419	0,3834	0,7456	2,1264	87,6077	0,71%				
BIS(CHLOROMETHYL)ETHER	579	45,80	0,3239	0,2541	0,3782	0,8348	2,0658	23,1531	0,69%	1,50%		4,32%	26,83%
BIS(CYANOETHYL)ETHER	783	28,30	0,7775	0,1978	0,6674	0,8609	2,3842	108,0962	1,26%			8,58%	74,72%
BIS(DIFLUOROMETHYL)ETHER	420,25	42,28	0,3676	0,2636	0,6322	0,8542	1,5173	11,6303	0,79%	1,18%		3,62%	18,32%
BIS(TRIFLUOROMETHYL)SULFIDE	376,75	30,58	0,2638	0,2806	0,3955	0,8877	2,0369	4,5624	0,61%			2,30%	17,38%
BIS[3-(TRIMETHOXYSILYL)PROPYL]DISULFIDE	736,2	13,09	1,1551	0,2452	0,6856	0,8253	2,9981	63,2543	1,88%			2,00%	34,73%
BORON TRIBROMIDE	573,15	48,70	0,2599	0,2766	0,5306	0,9263	1,6462	7,4442	1,74%			2,58%	17,61%
BORON TRICHLORIDE	451,95	38,71	0,1505	0,2436	0,1193	0,8403	2,7122	29,5090	0,70%	1,87%		9,30%	98,32%
BORON TRIFLUORIDE	260,9	49,90	0,4337	0,2565	0,3048	0,8356	2,7965	6,7109	2,80%	5,17%	2,22%	4,30%	11,80%
BROMINE	584,15	103,00	0,1290	0,3008	0,1923	0,8672	2,2947	-2,3953	1,88%	2,30%	1,26%	1,26%	18,20%
BROMOBENZENE	670,15	45,19	0,2506	0,2629	0,3384	0,8414	1,9750	21,7146	1,95%	2,79%	0,67%	4,52%	20,15%
BROMOCHLORODIFLUOROMETHANE	426,15	42,54	0,1871	0,2749	1,2278	1,0000	0,5857	9,8878	2,68%	4,80%	1,63%	4,44%	8,84%
BROMOCHLOROMETHANE	557	64,70	0,2064	0,2727	0,9884	1,0000	0,8004	9,3472	0,67%	1,27%		3,04%	12,38%
BROMODIFLUOROMETHANE	411,98	51,32	0,2050	0,2665	0,1860	0,8411	2,5531	10,1415	0,49%	5,63%		5,85%	27,15%
BROMOETHANE	503,8	55,65	0,2053	0,2750	0,2729	0,8691	2,2694	8,1641	2,13%	3,04%		2,72%	18,99%
BROMOMETHANE	464	69,29	0,1534	0,2717	0,2977	0,8562	1,8182	8,0807	1,35%	2,89%	1,34%	4,25%	16,78%
BROMOTRICHLOROMETHANE	606	49,70	0,1920	0,2800	0,2097	0,8551	2,4693	7,1944	0,46%	2,06%	1,21%	3,22%	16,46%
BROMOTRIFLUOROETHYLENE	432	44,80	0,1754	0,2815	0,9747	1,0000	0,7586	7,2186	0,76%	2,07%	0,74%	1,38%	8,80%
BROMOTRIFLUOROMETHANE	340,15	39,70	0,1704	0,2762	0,8466	1,0000	0,8890	7,5443	0,56%	1,63%		3,76%	14,96%
BUTANAL	537,2	44,10	0,2826	0,2588	0,5336	0,8785	1,5897	19,6031	0,70%	1,65%		4,52%	23,26%
BUTYL VINYL ETHER	536	31,20	0,3802	0,2620	0,4320	0,8367	2,0599	21,7616	0,88%	1,60%		3,05%	24,82%
BUTYRONITRILE	585,4	38,80	0,3601	0,2303	0,4198	0,8735	2,2114	45,9701	1,86%	2,91%		7,12%	27,90%
CAMPHENE	638	27,50	0,2957	0,2520	0,2782	0,8342	2,3910	45,2875	0,35%	1,04%		4,92%	19,78%
CAMPHOR	709	29,90	0,3190	0,2560	0,3027	0,8525	2,5101	40,6994	0,92%	2,71%		2,95%	22,08%
CARBAMYL CHLORIDE	517	73,80	0,4446		0,3989	0,8197	2,2980		0,69%	1,39%			
CARBON DIOXIDE	304,21	73,83	0,2236	0,2728	0,2806	0,8684	2,2782	4,1585	0,30%	1,20%	8,47%	2,07%	17,06%
CARBON DISULFIDE	552	79,00	0,1107	0,2891	0,2771	0,8872	1,8956	2,1296	0,72%	1,17%	13,18%	1,92%	19,70%
CARBON MONOXIDE	132,92	34,99	0,0482	0,2903	0,1623	0,8778	2,1566	1,4078	0,27%	1,55%	11,37%	3,00%	10,04%
CARBON TETRACHLORIDE	556,35	45,60	0,1926	0,2721	0,2022	0,8525	2,4909	12,9812	0,58%	1,69%	4,18%	3,77%	17,81%
CARBON TETRAFLUORIDE	227,51	37,45	0,1790	0,2811	0,4352	0,8494	1,4376	3,5302	1,18%	1,99%	0,86%	3,37%	15,27%
CARBONYL FLUORIDE	297	57,60	0,2829	0,3291	0,1335	0,8201	3,1083	-14,1169	1,86%	3,85%	0,93%	0,84%	11,36%
CARBONYL SULFIDE	378,8	63,49	0,0970	0,2744	0,1931	0,8735	2,2104	6,4994	0,43%	1,87%	12,08%	5,65%	17,58%
CELLOBIOSE	1235	39,21	0,8442		0,5243	0,8273	2,9563		0,78%	1,02%			
CHLORINE	417,15	77,10	0,0688	0,2777	0,4057	0,8530	1,1810	5,7845	0,58%	2,06%	0,49%	4,41%	16,26%
CHLORINE TRIFLUORIDE	433,7	45,78	0,3371	0,2040	0,7776	0,8631	1,2293	42,4463	2,73%	1,20%	1,46%	10,67%	36,71%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
CHLOROACETALDEHYDE	555	53,70	0,3297	0,2355	0,2273	0,8336	2,8335	29,5368	0,63%	2,52%		5,29%	27,81%
CHLOROACETIC ACID	686	57,80	0,5461	0,2304	0,3184	0,8223	3,0601	32,0100	0,81%	1,74%		4,93%	34,35%
CHLOROACETYL CHLORIDE	581	51,10	0,3540	0,2568	0,3242	0,8175	2,2919	18,5229	0,53%			3,87%	21,06%
CHLOROCYCLOHEXANE	638	38,27	0,2611	0,2631	0,2576	0,8531	2,5000	23,9624	0,76%	2,32%		4,02%	20,02%
CHLORODIFLUOROMETHANE	369,3	49,71	0,2192	0,2678	0,4493	0,8383	1,4998	9,5406	0,99%	2,15%	1,73%	4,31%	18,29%
CHLOROFLUOROMETHANE	427	56,20	0,2108	0,2486	0,7881	0,8852	0,9284	18,9856	4,28%	6,06%	1,08%	6,24%	24,41%
CHLOROFORM	536,4	54,72	0,2219	0,2765	0,6193	0,8434	1,1567	8,0991	2,57%	3,17%	0,08%	3,35%	10,28%
CHLOROMETHYL METHYL ETHER	521	50,30	0,2698	0,2653	0,7419	0,8932	1,1568	15,3448	0,75%	1,18%		1,52%	26,97%
CHLOROPENTAFLUOROETHANE	353,15	31,57	0,2514	0,2757	0,3593	0,8398	1,8949	8,0816	0,82%	1,95%	1,56%	2,96%	19,82%
CHLOROPRENE	525	42,60	0,1974	0,2611	0,2432	0,8605	2,3300	21,2436	0,03%	1,35%		5,51%	17,33%
CHLOROTRIFLUOROETHYLENE	379,15	40,53	0,2442	0,2735	0,3009	0,8617	2,2631	8,8788	0,84%	2,03%		1,76%	18,11%
CHLOROTRIFLUOROMETHANE	302	38,70	0,1717	0,2775	0,2067	0,8587	2,4157	6,2746	0,31%	1,83%	2,22%	3,52%	16,49%
CHRYSENE	979	23,90	0,6030		0,3294	0,8180	3,1550		0,61%	1,70%	0,39%		
CINNAMIC ACID	797	35,40	0,7121	0,2339	0,3486	0,7908	3,1789	50,2526	1,50%			4,12%	33,11%
cis,trans-2,4-HEXADIENE	538	33,50	0,2754	0,2534	0,2982	0,8264	2,1647	31,4787	0,56%	2,36%	0,14%	5,34%	24,96%
cis-1,2-DICHLOROETHYLENE	544	51,90	0,1349	0,2598	1,6854	0,9456	0,3872	21,1029	0,38%	0,98%		5,80%	20,27%
cis-1,2-DIMETHYLCYCLOHEXANE	606,15	29,38	0,2324	0,2544	1,2535	0,9848	0,6421	41,9757	0,40%	0,78%	0,50%	5,89%	15,16%
cis-1,2-DIMETHYLCYCLOPENTANE	565,15	34,45	0,2662	0,2698	0,2869	0,8464	2,3023	17,0339	0,89%	1,57%	2,49%	3,41%	18,27%
cis-1,3-DICHLOROPROPENE	594,4	47,04	0,2278	0,2617	0,7269	0,8740	1,0744	20,2801	0,70%	1,68%		4,74%	19,97%
cis-1,3-DIMETHYLCYCLOHEXANE	591,15	29,38	0,2366	0,2639	1,2468	1,0000	0,6506	30,1653	0,31%	0,73%	0,42%	4,47%	17,20%
cis-1,3-DIMETHYLCYCLOPENTANE	551	34,45	0,2743	0,2812	0,4003	0,8496	1,8654	6,4743	0,37%	1,48%	3,57%	1,51%	21,33%
cis-1,3-PENTADIENE	499	37,40	0,1470	0,2559	1,3828	1,0000	0,4963	28,3087	2,87%	2,67%	0,54%	6,99%	23,72%
cis-1,4-DIMETHYLCYCLOHEXANE	598,15	29,38	0,2311	0,2598	1,3142	1,0000	0,6076	35,7892	0,43%	0,31%	0,35%	5,06%	14,86%
cis-1,8-TERPIN	694,8	29,49	1,0801		0,5694	0,8140	3,2468		0,86%	1,01%			
cis-1-PROPYNYLBENZENE	671	33,60	0,3411	0,2573	0,8442	0,8877	1,1339	34,3929	0,81%	1,93%	1,76%	2,78%	27,54%
cis-2-BUTENE	435,5	42,10	0,2019	0,2702	0,3984	0,8355	1,5731	12,0599	0,95%	1,36%	1,22%	4,50%	17,36%
cis-2-DECENE	621	21,80	0,4752	0,2513	0,3510	0,8152	2,5778	48,5755	0,64%	2,12%	2,96%	3,51%	25,58%
cis-2-DODECENE	663	18,90	0,5692		0,4154	0,8105	2,5628		0,67%	1,73%	4,23%		
cis-2-HEPTENE	543,7	28,40	0,3363	0,2568	0,3017	0,8497	2,5540	30,8333	0,69%	3,89%	1,66%	4,20%	24,32%
cis-2-HEXENE	511,4	31,60	0,2874	0,2600	0,4515	0,8442	1,7295	24,9747	0,56%	2,23%	1,79%	4,57%	22,77%
cis-2-METHYLCYCLOHEXANOL	614	37,90	0,6805	0,2658	0,3917	0,8213	3,0828	8,1511	6,14%	1,75%	2,59%	1,61%	17,87%
cis-2-NONENE	598,1	23,70	0,4304		0,8035	0,9084	1,3948		0,35%	1,03%			
cis-2-OCTENE	572	25,90	0,3889	0,2549	0,3620	0,8547	2,4751	35,9436	0,86%	1,09%	4,85%	3,67%	24,70%
cis-2-PENTENE	475	36,40	0,2454	0,2716	0,3552	0,8379	1,8820	13,9712	0,62%	3,32%	2,53%	2,24%	19,07%
cis-2-PHENYLBUTENE-2	685	30,10	0,3564	0,2482	0,4058	0,8292	2,0451	47,8355	0,82%	1,58%		4,74%	24,02%
cis-3-HEPTENE	545	28,40	0,2949	0,2588	0,3325	0,8227	2,0722	31,3088	0,28%	0,64%	0,28%	4,51%	18,89%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
cis-3-HEXENE	509	31,70	0,2787	0,2634	0,3913	0,8329	1,8491	22,4145	0,31%	1,11%	1,47%	4,06%	20,40%
cis-3-METHYLCYCLOHEXANOL	625	37,90	0,6943	0,2682	0,5673	0,8012	2,2935	6,2069	0,45%	1,81%	0,96%	1,37%	20,54%
cis-3-OCTENE	569	25,90	0,3800	0,2551	0,2813	0,8385	2,7449	35,6803	1,37%	4,21%	1,75%	4,26%	24,34%
cis-4-METHYLCYCLOHEXANOL	622	37,90	0,6880	0,2699	0,4008	0,8218	3,0716	5,2415	1,10%	1,73%	2,74%	1,12%	20,21%
cis-4-OCTENE	568	25,90	0,3854	0,2551	0,2829	0,8379	2,7542	35,3419	1,34%	6,40%	1,76%	4,27%	24,18%
cis-CROTONALDEHYDE	554	45,90	0,3241		1,0413	0,9387	0,9113		1,18%	2,04%	2,88%		
cis-CROTONIC ACID	647	47,00	0,5723	0,2403	0,6166	0,8373	1,9932	29,5208	0,83%		3,84%	30,37%	
cis-CROTONITRILE	568	38,80	0,3787	0,2225	0,6093	0,8499	1,5305	50,5913	4,94%	3,17%	1,67%	8,94%	34,01%
cis-DECAHYDRONAPHTHALENE	703,6	32,00	0,2791	0,2640	0,5419	0,8179	1,4026	30,4714	1,72%	1,67%	1,85%	4,26%	20,61%
cis-DICYANO-1-BUTENE	796	29,50	0,6639		0,5679	0,8292	2,3308		0,24%	0,83%			
cis-STILBENE	784	27,40	0,4758	0,2506	0,3634	0,8406	2,7064	49,8288	1,50%	1,69%		3,10%	24,69%
CITRACONIC ACID	829	42,40	0,9269		0,5194	0,8187	3,1394		0,79%	1,12%			
CROTYL GLYCOL ETHER	643,9	33,87	0,5532	0,2518	0,5591	0,7997	1,9940	30,3867	0,76%		2,54%	25,38%	
CUMENE	631	32,09	0,3274	0,2626	1,2646	0,9977	0,7415	27,4205	1,97%	1,91%	1,53%	3,66%	19,25%
CYANOGEN	400,15	59,24	0,2756	0,2615	0,9049	0,9995	1,0129	9,5918	0,10%	1,95%		3,61%	17,62%
CYANOGEN CHLORIDE	449	59,90	0,3221	0,2363	0,7362	0,9604	1,3632	20,4664	0,55%	1,09%		5,12%	14,89%
CYCLOBUTANE	459,93	49,80	0,1847	0,2701	0,2545	0,8692	2,2675	9,6317	0,48%	1,95%	1,79%	5,74%	17,30%
CYCLOHEPTANE	604,2	38,20	0,2408	0,2725	0,2653	0,8585	2,4188	14,9107	0,64%	1,69%	0,58%	2,91%	19,96%
CYCLOHEPTENE	598	40,10	0,2517	0,2786	1,2066	1,0000	0,6865	10,0273	0,73%	2,42%	2,66%	1,91%	20,02%
CYCLOHEXANE	553,8	40,80	0,2081	0,2730	0,3133	0,8336	1,8785	13,3342	0,49%	1,22%	0,48%	3,47%	17,81%
CYCLOHEXANECARBOXALDEHYDE	639,4	35,79	0,3827	0,2552	0,3146	0,8450	2,6316	29,5007	1,20%		0,78%	3,53%	22,86%
CYCLOHEXANOL	650,1	42,60	0,3690	0,2575	3,0023	1,0000	0,3143	23,7782	2,46%	4,00%	9,28%	4,68%	23,96%
CYCLOHEXANONE	653	40,00	0,2990	0,2454	0,2767	0,8503	2,5448	37,6232	0,44%	1,22%		5,86%	33,38%
CYCLOHEXANONE OXIME	715	46,90	0,4620		0,2868	0,8270	2,9632		0,57%	1,30%			
CYCLOHEXENE	560,4	43,50	0,2123	0,2723	0,5878	0,8470	1,2020	13,5910	1,70%	2,28%	1,30%	3,91%	18,02%
CYCLOHEXYL ACETATE	648	31,20	0,4209	0,2622	0,4867	0,8173	1,9184	24,5894	0,44%	2,42%	0,85%	2,71%	26,38%
CYCLOHEXYL FORMATE	645	35,20	0,3679	0,2629	0,2771	0,8392	2,7313	23,1350	1,40%	1,46%	1,60%	2,61%	26,23%
CYCLOHEXYL HYDROPEROXIDE	685	42,10	0,7571	0,2632	0,6471	0,8267	2,2811	10,3128	0,83%	0,78%		1,40%	23,77%
CYCLOHEXYL ISOCYANATE	633	34,70	0,5247	0,2514	0,7056	0,8472	1,6887	32,6760	0,95%	0,88%		1,69%	15,91%
CYCLOHEXYL MERCAPTAN	664	39,70	0,2641	0,2695	0,2265	0,8458	2,6186	18,0993	1,19%	2,46%	0,24%	3,07%	25,48%
CYCLOHEXYLAMINE	615	42,00	0,3604	0,2767	0,3005	0,8482	2,5783	7,6224	3,52%	3,47%	3,90%	1,91%	10,61%
CYCLOHEXYLBENZENE	744	28,80	0,3783	0,2644	1,5193	1,0000	0,6569	33,0709	0,72%	1,11%		1,83%	29,09%
CYCLOOCTANE	647,2	35,60	0,2524	0,2709	0,1928	0,8392	2,7320	19,1910	0,39%	1,29%	1,15%	3,05%	18,21%
CYCLOOCTENE	632	36,80	0,2804	0,2711	1,0469	1,0000	0,8613	16,1682	0,78%	0,72%		3,31%	18,81%
CYCLOPENTADIENE	507	51,50	0,2020	0,2741	0,5239	0,9428	1,5039	8,7905	1,82%	3,78%		3,73%	17,36%
CYCLOPENTANE	511,7	45,10	0,1949	0,2691	0,3229	0,8496	1,8673	12,6704	0,33%	2,63%	1,99%	5,85%	16,07%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
CYCLOPENTANONE	624,5	46,00	0,2876	0,2469	0,5742	0,8508	1,4326	30,5607	1,18%	1,72%	2,87%	6,30%	33,99%
CYCLOPENTENE	507	48,00	0,1961	0,2763	0,5187	0,8593	1,3153	8,9979	1,24%	2,76%	1,20%	3,47%	15,81%
CYCLOPENTYLACETIC ACID	708	36,20	0,6144	0,2521	0,9197	0,8419	1,4623	28,7743	1,67%			2,47%	25,19%
CYCLOPENTYLAMINE	584	46,40	0,3294	0,2702	1,0433	1,0000	0,9397	10,6340	0,66%	0,94%		3,73%	9,80%
CYCLOPROPANE	398	55,40	0,1278	0,2776	0,2344	0,8713	2,1266	6,3601	0,76%	1,36%	2,90%	3,83%	18,98%
CYCLOPROPANE CARBOXYLIC ACID	671	59,95	0,6048	0,2644	1,1685	0,9838	1,1796	8,9419	1,95%		1,47%	1,39%	21,48%
CYCLOPROPANECARBOXAMIDE	779,1	57,39	0,5726		0,3910	0,8208	2,7541		0,53%	2,12%			
CYCLOPROPYL CYANIDE	621,9	44,62	0,3415	0,2202	0,7029	0,9056	1,3828	49,9114	2,16%		0,72%	9,04%	38,42%
CYCLOPROPYLAMINE	508,6	57,48	0,3038	0,2649	0,4136	0,8833	2,0888	10,3942	0,61%			3,45%	23,56%
DECAFLUOROBUTANE	386,35	23,23	0,3664	0,2710	0,3392	0,8339	2,3797	12,6324	0,81%	1,48%		2,45%	18,60%
DECAMETHYLCYCLOPENTASILOXANE	617,4	10,35	0,6223	0,2485	1,4470	1,0000	0,9334	100,1402	0,73%	0,65%		2,75%	26,27%
DECAMETHYLtetrasiloxane	599,4	11,90	0,6596	0,2627	0,8760	0,8824	1,6465	39,8932	0,36%	0,54%		1,45%	23,28%
DECAN-1,10-DIOL	747	21,10	0,9194	0,2184	0,5893	0,8155	2,7946	95,1973	1,60%			4,93%	45,48%
DECANAL	674	26,00	0,5201	0,2696	1,3294	1,0000	0,9208	15,1008	0,97%	0,26%		2,02%	22,32%
DEHYDROABIETIC ACID	828	17,50	0,9154		0,4999	0,8166	3,1862		1,07%	0,97%			
DEHYDROABIETYLAMINE	863	17,00	0,7415		0,5466	0,8236	2,5783		0,65%	1,17%			
DEUTERIUM OXIDE	643,89	216,71	0,3658	0,2253	0,3817	0,8616	2,3397	9,2306	0,41%	2,25%	1,84%	10,61%	29,87%
DI-(2-CHLOROETHOXY)METHANE	696,2	30,66	0,5230	0,2465	0,5206	0,8473	2,2096	43,1492	0,75%	1,48%		3,09%	26,06%
DI(2-CHLOROETHYL)ETHER	666	35,90	0,3940	0,2470	0,5600	0,7820	1,5759	39,0941	2,06%		0,16%	5,18%	30,51%
DI-2-ETHYLHEXYLAMINE	702	14,70	0,9179	0,2485	0,5470	0,8193	2,9825	61,3790	0,38%	1,44%		1,32%	28,14%
DIACETYL	546,9	43,84	0,3641	0,2536	0,4756	0,7969	1,7420	22,4789	0,69%	1,93%		4,02%	22,91%
DIALYL MALEATE	693	23,30	0,7886	0,2450	0,6328	0,8281	2,4012	48,5172	0,76%	1,02%		1,64%	28,02%
DIALYL PHTHALATE	790,2	20,96	0,7345		0,6942	0,8294	2,1077		0,93%	1,68%			
DIALYL SULFIDE	653,53	33,59	0,0824	0,2492	0,8597	0,0000	0,5464	51,5157	1,75%			10,38%	26,68%
DIALYLAMINE	556	33,20	0,4483	0,2768	0,6652	0,8506	1,6210	10,8892	0,81%	0,92%		3,24%	15,62%
DIAMANTANE	791	22,60	0,1633		0,2512	0,8727	2,2217		0,47%	3,46%			
DIAMYL KETONE	678,5	20,52	0,5928	0,2479	0,5398	0,8087	2,1713	58,4583	0,75%			2,65%	23,98%
DIAMYLAMINE	639	21,20	0,6767	0,2521	0,4218	0,8266	2,9720	39,2313	0,83%	1,44%		1,98%	26,57%
DIBENZOFURAN	824	36,40	0,3988	0,2632	0,3227	0,8448	2,6343	29,2953	2,73%	3,32%	1,96%	1,63%	20,83%
DIBENZOPYRROLE	899	32,60	0,4938		0,4834	0,8635	2,3470		2,33%	4,84%	0,60%		
DIBENZOTHIOPHENE	897	38,60	0,3983		0,3598	0,8524	2,5113		0,52%	1,62%			
DIBORANE	289,8	40,53	0,1311	0,2845	0,5261	0,8614	1,1240	3,9371	1,33%	2,22%	0,79%	3,16%	12,21%
DIBROMODIFLUOROMETHANE	478	40,70	0,1085	0,2496	0,1498	0,8296	2,1614	27,4955	0,73%			11,35%	19,68%
DIBROMOMETHANE	611	71,70	0,2095	0,2869	0,3604	0,8346	1,6913	2,5050	2,15%	2,29%	2,85%	1,70%	4,78%
DIBUTYL MALEATE	716	19,00	0,8994	0,2450	0,5395	0,8206	2,9859	55,2378	0,67%	1,06%		2,12%	37,58%
DIBUTYL SEBACATE	768	13,20	1,1245	0,2375	0,6695	0,8262	2,9791	93,1325	0,36%	1,81%	6,37%	1,91%	44,70%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
DIBUTYL TEREPHTHALATE	787,2	16,94	0,9642	0,2358	0,6735	0,8409	2,7020	84,6367	1,44%			1,70%	37,36%
DICHLOROACETALDEHYDE	555	49,50	0,3437	0,2561	0,2767	0,8421	2,6800	18,7086	0,85%	1,94%		3,84%	22,19%
DICHLOROACETIC ACID	686	51,70	0,5550	0,2531	0,4730	0,8227	2,3611	21,2056	0,79%	1,11%		1,41%	30,77%
DICHLOROACETYL CHLORIDE	585	46,10	0,3089	0,2686	0,5460	0,8498	1,5578	12,9711	0,70%	1,32%		3,22%	19,69%
DICHLORODIETHYLSILANE	595,75	30,60	0,3189	0,2733	1,4200	1,0000	0,6502	15,7454	0,79%	1,40%		2,40%	14,97%
DICHLORODIFLUOROMETHANE	384,95	41,25	0,1797	0,2765	0,2133	0,8588	2,4139	7,9500	0,40%	1,41%	6,10%	3,53%	15,52%
DICHLOROFUOROMETHANE	451,58	51,84	0,2048	0,2712	0,2039	0,8506	2,5401	9,4991	0,40%	1,38%	2,11%	3,93%	18,33%
DICHLOROMETHANE	510	60,80	0,1986	0,2633	0,6974	0,8397	1,0008	13,8040	2,43%	1,39%	1,03%	4,83%	18,20%
DICHLOROSILANE	451,5	45,99	0,1630	0,2781	0,1835	0,8416	2,3573	8,4924	0,50%			3,09%	11,22%
DICYANDIAMIDE	834	53,40	0,6924		0,3769	0,8170	3,1787		0,62%	1,13%			
DICYCLOHEXYL SULFIDE	802	26,50	0,3955	0,2676	0,4602	0,8475	2,0595	30,5250	0,86%	1,91%	4,56%	1,46%	14,32%
DICYCLOPENTADIENE	660	30,60	0,2880	0,2645	0,1777	0,8300	2,9026	36,3411	0,54%	1,88%	0,46%	1,21%	26,16%
DIETHANOLAMINE	736,6	42,70	0,9529	0,2170	0,6949	0,8459	2,6157	44,7989	1,95%	1,52%		6,10%	24,15%
DIETHYL CARBONATE	576	33,90	0,4857	0,2567	0,4199	0,8520	2,5175	22,6412	6,76%	6,79%		2,79%	25,92%
DIETHYL DISULFIDE	642	38,70	0,3469	0,2695	0,3555	0,8610	2,3813	14,6396	2,87%	2,74%	2,90%	2,12%	24,34%
DIETHYL ETHER	466,7	36,40	0,2811	0,2641	0,6670	0,8231	1,2031	17,3234	1,88%	2,17%	4,71%	4,58%	20,72%
DIETHYL MALEATE	680	26,10	0,6658	0,2614	0,6397	0,8705	2,2508	21,7207	1,09%			1,46%	37,86%
DIETHYL MALONATE	653	27,80	0,6155	0,2519	1,2153	0,9886	1,1394	35,3118	0,38%			1,76%	31,28%
DIETHYL PHTHALATE	776	22,60	0,6249	0,2410	0,3618	0,8211	3,0866	70,6470	1,61%	2,68%		2,92%	28,05%
DIETHYL SUCCINATE	663	25,30	0,6995	0,2525	0,4271	0,8261	2,9815	37,0306	5,60%	3,60%	4,63%	1,32%	21,47%
DIETHYL SULFATE	749	64,80	0,3865	0,3829	1,1724	1,0000	0,8888	-66,5830	1,26%		1,23%	9,82%	2,78%
DIETHYL SULFIDE	557,15	39,60	0,2900	0,2665	0,4631	0,8343	1,6547	16,7189	0,84%	2,59%	1,49%	4,01%	17,36%
DIETHYLALUMINUM CHLORIDE	723,15	30,00	0,3177		1,4195	1,0000	0,6508		0,86%	1,49%			
DIETHYLAMINE	496,6	37,10	0,3039	0,2611	0,5112	0,8212	1,5510	19,6684	0,46%	2,55%	1,02%	4,22%	16,71%
DIETHYLENE GLYCOL	744,6	46,00	0,6221	0,2291	0,5980	0,8411	2,2033	39,6026	2,81%			6,68%	31,09%
DIETHYLENE GLYCOL DIETHYL ETHER	624	23,70	0,6807	0,2550	0,5158	0,8439	2,6504	31,1923	0,97%	1,76%		1,40%	25,18%
DIETHYLENE GLYCOL DIMETHYL ETHER	608	28,60	0,5775	0,2553	0,3995	0,8345	2,8181	29,2730	0,90%	0,76%		1,46%	32,68%
DIETHYLENE GLYCOL DI-n-BUTYL ETHER	680	17,60	0,8455	0,2499	0,6662	0,8495	2,5566	48,1100	4,99%			1,82%	27,36%
DIETHYLENE GLYCOL ETHYL ETHER ACETATE	660	24,20	0,7145	0,2490	0,7478	0,8858	2,0595	40,5756	2,66%	4,38%		1,52%	26,60%
DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	679	20,60	0,8420	0,2487	0,4892	0,8218	3,0709	44,7616	1,10%		2,16%	1,46%	27,38%
DIETHYLENE GLYCOL MONOPROPYL ETHER	679,8	30,02	0,6114	0,2609	0,3516	0,8216	3,0753	23,2658	1,70%	2,27%	7,41%	1,43%	23,59%
DIETHYLSULFITE	624	37,70	0,5065	0,2758	0,5240	0,8714	2,2385	4,4868	1,02%	3,52%		1,40%	21,78%
DIFLUOROMETHANE	351,255	57,84	0,2771	0,2440	0,3318	0,8589	2,2045	15,0288	0,95%	2,12%	0,76%	5,93%	24,62%
DIFLUOROMETHYL TRIFLUOROMETHYL ETHER	354,49	33,76	0,3253	0,2642	0,3510	0,8412	2,2196	11,1244	0,67%	1,66%	3,57%	5,00%	32,02%
DIGLYCOLIC ACID	820	44,20	1,0807		0,5794	0,8155	3,2113		1,20%	1,14%			
DIHEXYL ADIPATE	767	13,20	1,0935	0,2422	0,6494	0,8168	2,9658	84,0208	2,12%	1,65%	5,28%	2,57%	45,37%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
DIIODOMETHANE	747	54,70	0,1405	0,2379	0,0875	0,8347	2,8133	42,4285	1,14%	2,59%	4,66%	10,04%	23,55%
DIISOBUTYL ETHER	562	25,30	0,4243	0,2703	0,2884	0,8327	2,8509	15,5705	0,39%	4,62%	1,12%	1,87%	23,22%
DIISOBUTYL KETONE	615	24,80	0,5116	0,2581	0,3889	0,8411	2,6972	29,2046	3,31%	3,12%		2,77%	26,07%
DIISOBUTYL PHTHALATE	762	17,80	0,9158	0,2503	0,5777	0,8248	2,8873	50,6067	1,06%	1,73%		2,03%	27,48%
DIISOBUTYLAMINE	580	25,70	0,4854	0,2689	0,9813	0,9628	1,2452	15,2826	0,48%			1,76%	16,45%
DIISONONYL PHTHALATE	835	10,80	1,0312		0,6012	0,8227	3,0519		1,44%	1,35%	1,80%		
DIISOCTYL PHTHALATE	851	11,80	1,0880	0,2367	0,7181	0,8215	2,7183	127,4306	1,72%	1,89%	1,31%	2,40%	31,78%
DIISOPENTYLSULFIDE	664,4	21,81	0,5971	0,2580	0,7533	0,8916	1,8199	33,6089	0,84%			1,65%	25,49%
DIISOPROPYL ETHER	500,05	28,80	0,3387	0,2699	1,2124	1,0000	0,7901	15,9634	0,74%	3,87%	0,79%	3,13%	20,53%
DIISOPROPYL KETONE	576	30,20	0,4044	0,2630	1,0361	0,9966	1,0609	21,6134	1,04%	1,02%		3,12%	21,87%
DIISOPROPYL SULFIDE	585,2	32,25	0,3144	0,2782	0,2709	0,8464	2,6083	8,5188	1,16%	2,42%	1,30%	1,68%	19,13%
DIKETENE	616	59,60	0,3821		0,6875	0,8136	1,3647		1,50%		1,33%		
DILACTIC ACID	660	34,80	0,9068		0,5392	0,8240	3,0261		0,70%	0,73%	2,85%		
DIMERCAPTOETHYL ETHER	720	36,90	0,4193	0,2454	0,5847	0,8460	1,7357	41,6618	1,01%	1,46%		4,31%	32,04%
DIMETHYL CARBONATE	548	45,00	0,3846	0,2490	0,4117	0,8666	2,3035	23,3811	1,05%	2,39%		4,18%	25,15%
DIMETHYL DISULFIDE	615	53,60	0,2059	0,2756	0,4394	0,8261	1,4532	10,1319	1,00%	1,33%	1,28%	3,10%	22,17%
DIMETHYL ETHER	400,1	53,70	0,2002	0,2736	0,5121	0,8494	1,3199	7,5304	1,89%	3,30%	1,06%	3,71%	17,04%
DIMETHYL MALEATE	675	32,20	0,5624	0,2391	0,3770	0,8276	2,8346	46,4885	0,61%	1,80%	2,51%	3,94%	32,63%
DIMETHYL PHTHALATE	766	27,80	0,6568	0,2443	1,1014	0,9645	1,3317	50,7668	0,45%			2,06%	34,51%
DIMETHYL SILANE	402	35,60	0,1300	0,2704	0,2257	0,8728	2,2196	14,9326	2,97%	1,83%		4,50%	15,51%
DIMETHYL SUCCINATE	657	32,80	0,6223	0,2505	0,6347	0,8760	2,1794	30,1366	3,95%			2,19%	23,82%
DIMETHYL SULFIDE	503,04	55,30	0,1943	0,2662	0,2737	0,8496	2,0632	12,2665	1,35%	2,40%	1,67%	5,42%	19,32%
DIMETHYL SULFOXIDE	729	56,50	0,2806	0,2353	1,3601	1,0000	0,6427	38,7376	2,12%	2,15%	1,51%	6,74%	40,47%
DIMETHYL TEREPHTHALATE	777,4	27,60	0,5807	0,2358	0,6187	0,8792	2,1388	64,8937	0,89%			3,91%	35,30%
DIMETHYL-1,4-CYCLOHEXANEDICARBOXYLATE	736	24,90	0,6412	0,2420	0,3620	0,8198	3,1143	55,6848	1,61%	1,73%	6,87%	3,54%	34,19%
DIMETHYL-2,6-NAPHTHALENEDICARBOXYLATE	883	24,85	0,6853		0,4158	0,8247	3,0108		0,45%	1,21%			
DIMETHYLACETYLENE	473,2	48,70	0,2385	0,2648	0,3213	0,8397	1,9946	13,5117	0,22%	1,30%	0,58%	3,85%	15,74%
DIMETHYLALUMINUM CHLORIDE	619	36,20	0,1834	0,2253	0,7407	0,3061	0,7176	64,9174	1,23%			10,93%	27,81%
DIMETHYLAMINE	437,2	53,40	0,2999	0,2611	1,2686	0,8804	0,7039	11,4630	2,91%	3,48%	1,67%	5,78%	19,69%
DIMETHYLCHLOROSILANE	472	36,20	0,2526	0,2677	0,5495	0,9315	1,5996	14,1320	0,79%	2,37%		4,33%	16,13%
DIMETHYLDICHLOROSILANE	520,35	34,90	0,2675	0,2756	1,2377	1,0000	0,6883	12,3105	0,66%	1,13%	3,39%	2,37%	11,99%
DIMETHYLDIMETHOXYSILANE	524	26,60	0,2629	0,2495	2,5091	0,3687	0,4909	44,1929	0,90%			7,93%	13,78%
DIMETHYLETHANOLAMINE	571,82	41,40	0,7110	0,2612	0,4717	0,8213	2,7986	11,0371	1,03%	1,24%		1,31%	23,92%
DIMETHYLKETENE	470,2	42,35	0,3112		0,5765	0,9242	1,6644		1,02%		8,01%		
DI-n-BUTYL ETHER	584,1	24,60	0,4476	0,2586	0,4532	0,8290	2,1510	31,2464	0,61%	1,45%	1,47%	2,78%	28,71%
DI-n-BUTYL PHTHALATE	781	17,50	0,9569	0,2466	0,6769	0,8410	2,7005	59,0742	2,95%			2,50%	39,22%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
DI-n-BUTYL SULFATE	814	60,00	0,3651	0,4635	0,3097	0,8140	2,3694	-151,9301	0,56%		3,98%	16,84%	13,31%
DI-n-BUTYL SULFIDE	652	25,79	0,4665	0,2560	0,3620	0,8419	2,6842	34,7705	0,60%		3,29%	28,55%	
DI-n-BUTYL SULFONE	767	25,40	0,6877	0,2416	0,4822	0,8218	2,6881	57,6829	0,71%	1,04%		2,53%	36,94%
DI-n-BUTYLMINE	602,3	25,70	0,5296	0,2618	0,3499	0,8319	2,8661	23,6400	4,15%	2,15%	2,58%	2,07%	22,24%
DI-n-DECYL PHTHALATE	905	9,95	0,8906	0,2194	0,5538	0,8273	2,9577	237,0580	1,82%	2,60%		5,02%	54,31%
DI-n-HEXYL ETHER	658	18,16	0,7105	0,2486	0,5296	0,8147	2,5192	52,8256	0,67%	1,30%	2,44%	1,97%	36,30%
DI-n-HEXYL PHTHALATE	793	14,00	1,1245	0,2377	0,8582	0,8333	2,3823	86,8567	0,97%	0,92%	1,74%	1,89%	39,90%
DI-n-NONYL PHTHALATE	866	10,70	0,9961	0,2434	2,5826	1,0000	0,6880	128,8476	5,84%		2,58%	3,90%	54,32%
DI-n-OCTYL ETHER	707	14,40	0,9336	0,2423	0,5266	0,8166	3,1048	74,0253	0,80%	1,28%	1,84%	1,55%	41,39%
DI-n-OCTYL TEREPHTHALATE	855	11,60	1,0895	0,2342	0,6565	0,8154	2,9303	139,9874	1,49%	1,77%	1,24%	1,65%	32,14%
DI-n-OCTYLMINE	734	12,60	0,8187	0,2256	0,5988	0,8395	2,6470	153,7267	0,31%			2,92%	33,70%
DINONYL ETHER	736	13,00	1,0021	0,2426	0,6434	0,8326	2,8536	84,3969	0,77%			1,76%	45,56%
DINONYLPHENOL	902	12,40	1,1246		0,6356	0,8204	3,1018		1,54%	1,33%			
DI-n-PENTYL ETHER	622	20,90	0,6012	0,2534	0,3865	0,8292	2,9190	40,1165	1,76%	7,03%	2,48%	2,03%	32,33%
DI-n-PROPYL DISULFIDE	675	30,30	0,4370	0,2649	0,4514	0,8396	2,1489	22,9727	0,87%	2,08%	2,92%	1,72%	28,39%
DI-n-PROPYL ETHER	530,6	30,28	0,3688	0,2652	0,3257	0,8497	2,5547	18,0463	1,31%	2,61%	3,35%	3,29%	22,41%
DI-n-PROPYL SULFIDE	608	30,80	0,3740	0,2600	0,3140	0,8459	2,6169	26,5464	1,22%	2,63%	1,50%	3,39%	26,35%
DI-n-PROPYL SULFONE	763	31,10	0,5821	0,2415	0,6579	0,8343	1,8917	51,1393	0,26%	0,16%		3,41%	35,81%
DI-n-PROPYLAMINE	550	31,40	0,4497	0,2689	0,3371	0,8397	2,7230	12,8536	2,04%	1,36%	2,10%	2,00%	17,56%
DIPHENYL DISULFIDE	829,8	35,69	0,5697		0,1953	0,7410	3,0566		0,46%				
DIPHENYL ETHER	766,8	30,80	0,4389	0,2557	0,5177	0,8818	2,1066	38,2131	1,60%	2,17%		2,29%	29,58%
DIPHENYLACETYLENE	832	29,00	0,3836		0,4407	0,8342	2,0279		0,69%	1,31%			
DIPHENYLAMINE	817	31,80	0,5297	0,2493	0,4465	0,8506	2,5400	44,8019	0,94%	1,37%		2,68%	23,79%
DIPHENYLDICHLOROSILANE	814	23,30	0,4283	0,2423	1,5414	0,9077	0,7030	78,9489	2,08%		1,43%	6,43%	31,94%
DIPHENYLMETHANE	760	27,10	0,4816	0,2424	0,3373	0,8349	2,8093	60,6971	1,01%	0,90%		4,39%	27,27%
DIPROPYL MALEATE	691	22,00	0,7815	0,2468	0,4602	0,8224	3,0598	47,3724	1,06%	1,56%		1,49%	34,06%
DIPROPYLENE GLYCOL n-BUTYL ETHER	647,1	20,96	1,0022	0,2563	0,6887	0,8371	2,7688	22,6580	4,88%			2,79%	26,02%
DIPROPYLENE GLYCOL t-BUTYL ETHER	667	22,30	0,9966		0,5451	0,8169	3,1784		1,14%	1,68%	2,71%		
DI-sec-BUTYL ETHER	559	25,30	0,4319	0,2687	0,3501	0,8446	2,6378	17,0032	2,11%	2,50%	2,51%	1,77%	20,52%
DISILANE	432	51,30	0,0939	0,3179	0,2010	0,8765	2,1727	-13,1838	1,00%	2,51%		1,60%	10,57%
DI-t-BUTYL PEROXIDE	547	24,80	0,4031	0,2794	0,2874	0,8353	2,8026	4,0898	0,90%	1,72%		1,68%	19,53%
DI-tert-BUTYL DISULFIDE	689,7	31,59	0,4020		0,4985	0,8838	2,0832		0,72%				
DI-tert-BUTYL ETHER	550	23,23	0,2985	0,2555	1,3931	1,0000	0,6436	41,8556	0,84%	1,08%		5,57%	26,14%
DI-tert-BUTYL SULFIDE	623,2	25,91	0,3008		0,3200	0,8223	2,1513		0,65%	1,60%			
DIVINYL ETHER	463	42,50	0,2911		0,2846	0,8535	2,4948		1,22%	2,20%			
DODECAMETHYLCYCLOHEXASILOXANE	645,8	9,01	0,7095	0,2488	1,0301	0,8643	1,4485	110,4236	0,32%	0,72%		2,16%	26,83%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
DODECAMETHYLPENTASILOXANE	628,4	9,45	0,7202	0,2560	0,6975	0,8104	2,0201	79,9501	0,90%	1,35%		1,84%	25,93%
DODECANAL	705,1	23,20	0,6808		0,8094	0,8681	1,8060		0,77%	1,83%			
DODECANEDIOIC ACID	847	21,50	1,0418		0,6052	0,8228	3,0495		1,58%				
EICOSAMETHYLNONASILOXANE	707,2	5,75	1,0500	0,2430	0,7591	0,8065	2,4719	179,4168	1,18%	1,70%		2,21%	32,35%
epsilon-CAPROLACTAM	818,2	46,21	0,3850	0,2504	1,6483	0,9995	0,6061	35,6519	0,73%	1,30%	0,78%	4,33%	20,39%
ERUCIC ACID	809,9	10,21	1,2417	0,2247	0,6893	0,8194	3,1246	190,0232	1,70%			2,03%	29,58%
ETHANE	305,32	48,72	0,0995	0,2817	0,2968	0,8812	1,7252	4,6079	0,50%	1,39%	8,04%	3,76%	16,20%
ETHANESULFONYL CHLORIDE	682	47,40	0,3688	0,2541	0,4383	0,8747	2,1869	24,7931	1,40%			3,46%	23,02%
ETHANOL	514	61,37	0,6436	0,2377	0,8136	0,9028	1,7934	16,0242	1,65%	1,06%	1,93%	6,02%	28,63%
ETHYL ACETATE	523,3	38,80	0,3664	0,2549	0,6536	0,8532	1,4653	22,6752	1,17%	1,79%	1,12%	4,40%	22,77%
ETHYL ACETOACETATE	642,9	32,70	0,5552	0,2461	0,4691	0,8514	2,5275	35,5185	0,68%			3,44%	24,24%
ETHYL ACRYLATE	553	36,80	0,3718	0,2549	1,1131	1,0000	0,9302	24,4371	0,59%	0,75%		4,90%	21,37%
ETHYL ALUMINUM DICHLORIDE	646,05	18,60	0,5338	0,1451	0,3625	0,8248	2,7992	225,0709	0,57%	3,23%		28,15%	141,04%
ETHYL BENZOATE	698	31,80	0,4771	0,2573	0,8664	0,9534	1,4182	31,6033	0,86%	0,73%		1,70%	17,94%
ETHYL CAPRATE	688,1	17,88	0,6253	0,2427	1,6725	0,9877	0,7943	77,4723	0,76%	0,82%		3,60%	27,46%
ETHYL CAPRYLATE	649	21,18	0,6114	0,2503	0,5073	0,8288	2,4170	47,7863	0,74%	1,58%		2,10%	25,62%
ETHYL CHLORIDE	460,35	52,70	0,1886	0,2662	0,3426	0,8448	1,7499	12,3886	0,49%	2,60%	1,85%	4,85%	19,64%
ETHYL CHLOROFORMATE	508,15	45,00	0,8350	0,2806	0,5734	0,8216	2,6938	-4,4726	0,73%	0,95%		2,42%	15,85%
ETHYL CYANOACETATE	679	33,40	0,5584	0,2184	0,3577	0,8186	2,8474	66,1056	0,26%			7,78%	38,92%
ETHYL ERUCATE	808,2	8,82	1,1236		0,6726	0,8262	2,9790		1,43%				
ETHYL FLUORIDE	375,31	50,28	0,2179	0,2607	0,4145	0,8792	1,7490	12,2235	0,36%	1,90%	2,39%	4,93%	22,42%
ETHYL FORMATE	508,4	47,40	0,2847	0,2579	0,5466	0,8182	1,4108	18,1861	1,27%	1,84%	0,90%	5,03%	21,87%
ETHYL HYDROGEN SULFATE	857	89,80	0,4939		0,7837	0,8624	1,4950		0,93%	0,83%			
ETHYL HYDROPEROXIDE	560	65,81	0,4656		1,5339	1,0000	0,7311		0,83%	0,74%			
ETHYL IODIDE	554	47,11	0,1674	0,2501	0,9763	1,0000	0,7594	27,9397	1,49%	1,02%		7,35%	21,13%
ETHYL ISOAMYL KETONE	617	27,27	0,4242	0,2568	0,1888	0,7624	2,7748	34,7008	0,55%			4,00%	22,64%
ETHYL ISOBUTYL ETHER	519,2	30,41	0,3552	0,2719	0,7294	0,8757	1,3345	12,6010	0,74%	1,08%		2,45%	19,32%
ETHYL ISOBUTYRATE	553,15	30,40	0,4264	0,2634	0,3169	0,8387	2,7407	21,1905	0,53%	3,61%	1,20%	1,85%	17,83%
ETHYL ISOPROPYL ETHER	489	34,10	0,3056	0,2793	1,1881	1,0000	0,7695	7,1710	1,57%	2,23%	0,84%	1,57%	18,62%
ETHYL ISOPROPYL KETONE	567	33,20	0,3891	0,2659	1,0498	0,9755	1,0126	19,9235	0,74%	0,55%		1,44%	22,87%
ETHYL ISOVALERATE	587,95	28,40	0,4000	0,2636	1,3800	1,0000	0,7514	24,7323	1,86%	4,22%	1,15%	2,65%	24,22%
ETHYL LACTATE	606,95	37,40	0,6032	0,2601	0,5641	0,8640	2,3399	16,5068	0,84%			1,31%	22,39%
ETHYL LAURATE	716,3	15,29	0,6992	0,2358	0,1754	0,7798	4,0577	107,4928	0,40%			4,00%	29,58%
ETHYL LEVULINATE	666,1	29,24	0,6071	0,2463	0,5296	0,8563	2,4518	40,4865	0,65%			2,24%	26,52%
ETHYL LINOLEATE	777,8	11,27	0,9443	0,2300	0,6442	0,8381	2,7508	165,4015	0,85%			2,08%	25,71%
ETHYL LINOLENATE	779,8	11,50	0,9334	0,2313	0,5493	0,8223	3,0377	161,0002	0,72%	1,93%		1,80%	23,62%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
ETHYL MERCAPTAN	499,15	54,90	0,1878	0,2699	0,5467	0,8428	1,2095	11,1175	1,05%	2,16%	1,66%	4,92%	16,36%
ETHYL METHACRYLATE	577	32,50	0,3432	0,2505	0,3779	0,8292	2,0962	33,1934	0,36%	1,50%		6,10%	22,36%
ETHYL METHYL DISULFIDE	628,9	46,15	0,3010		0,4550	0,8945	1,9606		0,65%				
ETHYL MYRISTATE	738,7	13,23	0,7642	0,2296	0,7552	0,7702	1,8880	141,7435	0,85%	1,39%		3,86%	31,38%
ETHYL n-BUTYRATE	571	29,50	0,4011	0,2503	0,3385	0,8470	2,5977	35,8632	0,64%	2,86%		4,35%	24,21%
ETHYL n-HEXYL ETHER	583	24,60	0,4944	0,2576	0,3718	0,8192	2,5720	30,5864	0,72%	2,25%	1,14%	2,64%	28,59%
ETHYL n-OCTYL SULFIDE	700	24,00	0,5346	0,2725	0,3594	0,8323	2,8589	15,8104	2,46%	1,54%		1,46%	13,08%
ETHYL n-PENTYL SULFIDE	633,2	27,97	0,4349		0,5699	0,8420	1,8035		0,74%	1,40%			
ETHYL OLEATE	772,1	10,98	0,9426	0,2245	0,6599	0,8402	2,7139	179,5312	1,54%			1,97%	35,06%
ETHYL PHENYL ACETATE	702,1	28,53	0,5251	0,2525	0,5184	0,8388	2,1869	38,4626	0,61%	1,48%		2,57%	24,48%
ETHYL PROPIONATE	546	33,62	0,3944	0,2539	0,4348	0,8193	2,0090	27,6032	0,95%	2,15%	0,44%	4,15%	22,46%
ETHYL PROPYL DISULFIDE	660	36,12	0,3910	0,2746	0,4228	0,8679	2,2847	8,8783	0,63%			1,54%	19,31%
ETHYL PROPYL SULFIDE	583,9	34,46	0,3331	0,2655	0,3403	0,8586	2,4171	19,2283	1,29%	2,36%		2,80%	20,42%
ETHYL STEARATE	777,9	10,19	0,8985	0,2179	0,5452	0,7841	2,7562	228,6961	0,82%	1,17%		3,72%	36,74%
ETHYL t-BUTYL SULFIDE	588	31,30	0,2861	0,2689	0,2157	0,8385	2,7448	19,1103	0,33%	1,53%	0,46%	3,72%	21,73%
ETHYL TERT-BUTYL DISULFIDE	659,9	30,76	0,3471	0,2695	0,5339	0,8720	1,7557	18,8632	0,71%	1,36%		2,48%	19,69%
ETHYL tert-PENTYL ETHER	546	27,40	0,3382	0,2654	1,1595	1,0000	0,8371	23,4701	0,56%	1,22%	4,87%	3,49%	16,99%
ETHYL THIOLACETATE	590,55	40,75	0,3098	0,2641	0,7345	0,8852	1,2430	18,7490	0,61%	0,82%		3,59%	20,03%
ETHYL VANILLIN	748	32,70	1,0728		0,5791	0,8161	3,1979		1,00%	0,83%			
ETHYL VINYL ETHER	475,15	40,70	0,2665	0,2698	0,3531	0,8500	2,0352	12,8814	0,83%	1,45%		2,50%	18,13%
ETHYL-3-ETHOXYPROPIONATE	621	26,60	0,4975	0,2564	0,4119	0,8156	2,3893	34,7678	0,66%	1,65%	0,98%	1,53%	33,68%
ETHYLACETYLENE	440	46,00	0,2470	0,2703	0,9863	0,8963	0,8246	10,3506	1,84%	2,68%	0,11%	4,05%	22,47%
ETHYLAL	524	32,80	0,4297	0,2661	0,2693	0,8293	2,9169	14,5378	3,30%	6,28%	1,04%	2,90%	22,70%
ETHYLAMINE	456,15	56,20	0,2848	0,2664	0,3191	0,8048	1,9962	10,5836	0,23%	1,19%	2,29%	3,34%	3,56%
ETHYLBENZENE	617,15	36,09	0,3035	0,2620	0,3935	0,8355	1,9278	24,3802	0,98%	1,12%	1,43%	3,93%	20,20%
ETHYLBENZENE HYDROPEROXIDE	737	37,90	0,8130	0,2573	0,7255	0,8319	2,1823	17,7454	1,73%	1,14%	3,25%	1,44%	25,29%
ETHYLCHLOROACETATE	618	37,90	0,3932	0,2480	1,2119	1,0000	0,8693	33,0229	0,65%	0,73%		4,83%	28,10%
ETHYLCYCLOHEXANE	609,15	30,40	0,2455	0,2590	1,2720	1,0000	0,6471	34,2425	0,32%	0,61%	1,08%	5,73%	21,19%
ETHYLCYCLOPENTANE	569,5	34,00	0,2701	0,2668	0,6607	0,8475	1,2158	20,2346	1,69%	1,71%	2,00%	4,43%	18,40%
ETHYLENE	282,34	50,41	0,0862	0,2825	0,2296	0,8729	1,9291	4,1267	0,41%	1,29%	3,74%	3,67%	15,34%
ETHYLENE CARBONATE	806	67,70	0,4423	0,2235	0,5731	0,8971	1,9321	36,1102	5,47%	5,00%		8,61%	52,25%
ETHYLENE GLYCOL	720	82,00	0,5068	0,2383	1,5219	1,0000	0,7758	19,2899	1,42%	1,25%	3,52%	7,66%	17,31%
ETHYLENE GLYCOL DIACETATE	653	30,90	0,5595	0,2456	0,3837	0,8321	2,8627	39,6699	5,39%	1,93%		2,85%	31,25%
ETHYLENE GLYCOL DIACRYLATE	689	27,00	0,6618	0,2441	0,7257	0,8889	2,0228	46,6285	0,37%			2,01%	27,53%
ETHYLENE GLYCOL DINITRATE	654	40,40	0,7904	0,2500	0,6199	0,8420	2,5069	23,2174	0,59%	0,73%		1,37%	17,52%
ETHYLENE OXIDE	469,15	71,90	0,1974	0,2565	0,4891	0,8541	1,3817	12,6224	0,46%	1,78%	0,89%	6,34%	19,90%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
ETHYLENEDIAMINE	593	62,90	0,4724	0,2546	0,3064	0,8308	2,8879	14,0060	3,45%	4,36%	2,22%	4,02%	6,33%
ETHYLENEIMINE	537	68,50	0,2007	0,2385	2,5343	0,9789	0,2871	22,9186	0,90%	1,74%	10,21%	12,34%	
ETHYLIDENE DIACETATE	627	31,40	0,5263	0,2537	0,7343	0,8389	1,6137	29,3146	1,18%	1,00%	3,00%	3,29%	25,98%
ETHYLNORBORNENE	625	30,60	0,2605	0,2571	0,4507	0,8550	1,6912	36,4640	0,90%	1,92%	4,79%	21,19%	
ETHYLTRICHLOROSILANE	559,95	33,30	0,2698	0,2800	0,8549	0,8850	1,0012	10,5355	0,92%	0,98%	1,34%	13,03%	
ETHYNYLBENZENE	650	42,80	0,2264	0,2720	0,3044	0,8260	1,9466	16,8711	0,48%	2,04%	2,74%	2,33%	21,70%
FLUORANTHENE	905	26,10	0,5875		0,7008	0,9003	1,8975		6,80%	5,25%			
FLUORENE	826	30,00	0,4042		0,4581	0,8231	1,9817		0,31%	0,89%	0,17%		
FLUORINE	144,12	51,72	0,0530	0,2876	0,3314	0,8864	1,3930	1,4127	0,65%	1,82%	0,90%	3,91%	13,92%
FLUOROBENZENE	560,09	45,51	0,2472	0,2654	0,3451	0,8505	1,9983	15,9871	0,68%	1,87%	4,18%	20,87%	
FORMALDEHYDE	420	65,90	0,1679	0,2068	0,9139	0,9234	0,7804	28,2758	0,63%	1,05%	17,50%	74,33%	
FORMAMIDE	771	78,00	0,4124	0,1913	0,5298	0,8484	1,8763	47,9904	0,62%	2,74%	15,31%	38,62%	
FORMANILIDE	787	41,10	0,5449		0,4837	0,8259	2,3090		0,75%	1,18%			
FORMIC ACID	588	58,10	0,3125	0,1673	0,4404	0,8326	1,7631	61,1205	3,68%		0,67%	21,45%	75,49%
FUMARIC ACID	771	49,80	0,9885		0,4358	0,7997	3,6147		1,41%	2,08%	0,79%		
FUMARONITRILE	657	37,30	0,5566	0,1984	0,3106	0,8199	3,1140	77,0069	0,56%	2,18%	3,96%	7,58%	43,26%
FURAN	490,15	55,00	0,2015	0,2698	0,5040	0,8173	1,2938	10,9429	0,14%	1,08%	0,59%	4,32%	8,28%
FURAN 2,5-DICARBOXYLIC ACID	894,5	44,66	1,0134		0,6694	0,8356	2,7960		1,14%				
FURFURAL	670,15	56,60	0,3678	0,2633	0,5278	0,8434	1,7304	14,7276	0,66%	1,23%	0,82%	2,85%	24,37%
FURFURYL ALCOHOL	632	53,50	0,7341	0,2581	0,5129	0,8372	2,7678	8,9212	1,02%		1,42%	2,40%	21,09%
GALLIUM TRICHLORIDE	694	38,20	0,4577	0,1996	0,5946	0,8969	1,9347	78,3260	3,42%		9,55%	61,67%	
gamma-BUTYROLACTONE	731	51,30	0,3603		0,5332	0,8596	1,7506		1,01%		0,68%		
gamma-TERPINENE	661	28,00	0,3762	0,2621	0,4781	0,8203	1,8341	31,9904	0,66%	1,88%	0,56%	2,11%	27,25%
gamma-VALEROLACTONE	727	48,40	0,4030	0,2547	0,5087	0,8873	2,0417	25,0254	2,14%	2,40%		2,03%	40,24%
GERMANIUM TETRACHLORIDE	550	38,50	0,2411	0,2760	0,2915	0,8454	2,1771	11,0894	2,35%	4,11%	1,15%	2,45%	19,50%
GERMANIUM TETRAFLUORIDE	352	46,04	0,2231	0,2627	0,2912	0,8536	2,1271	11,9082	0,50%	2,66%		2,60%	19,75%
GERMANIUM TETRAHYDRIDE	308	55,50	0,1506	0,3025	0,4647	0,9474	1,4667	-3,7176	5,46%			1,94%	12,52%
GLUTARALDEHYDE	660	35,90	0,5373	0,2267	0,5074	0,8136	2,1499	54,7872	0,68%	2,28%	1,68%	5,89%	31,05%
GLUTARIC ACID	840	42,70	0,7526	0,2273	1,1620	0,8366	1,3225	51,2918	1,26%	1,65%	2,07%	4,93%	29,64%
GLUTARIC ANHYDRIDE	838	58,00	0,5372	0,2556	0,6013	0,8840	2,0809	20,0540	2,96%	3,07%		1,48%	38,32%
GLUTARONITRILE	782	31,50	0,6033	0,1852	0,5716	0,8674	2,2925	118,5400	5,47%	7,65%	3,70%	14,44%	61,79%
GLYCERYL TRIACETATE	701,4	23,33	0,8758	0,2460	0,5031	0,8206	3,0976	42,5390	1,01%	1,45%		1,46%	26,71%
GLYCINE	1021	67,40	0,6860		0,3879	0,8194	3,1233		0,62%	1,58%			
GLYCOL ALDEHYDE	609,3	66,44	0,7684		0,3840	0,8106	3,3277		0,66%	2,40%			
GLYCOLIC ACID	616	73,10	1,0592		0,5783	0,8171	3,1754		1,13%	0,61%			
HALOTHANE	496	39,20	0,2750	0,2751	0,2272	0,8451	2,6304	9,9673	4,21%	2,33%	0,75%	2,47%	15,10%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	
HEPTAFLUOROPROPYL METHYL ETHER	437,7	24,81	0,4035	0,2584	0,5222	0,8469	1,8707	25,2658	0,71%	1,40%		3,15%	22,67%
HEPTANAL	620	31,60	0,4058	0,2607	0,4353	0,8681	2,2821	25,9433	0,67%	2,31%		2,25%	19,31%
HEXACHLOROBENZENE	825	28,50	0,4971		2,7373	0,0000	1,0227		1,30%				
HEXACHLOROCYCLOPENTADIENE	746	30,10	0,3834	0,2540	0,4729	0,8464	1,9664	42,6343	0,63%	1,35%		3,74%	22,48%
HEXAChLOROETHANE	695	33,40	0,2386		0,1509	0,8118	2,6475		0,41%	2,40%			
HEXAcosamethylDodecasiloxane	751,3	4,70	1,3096	0,2464	0,6645	0,8101	3,3417	164,9102	1,55%			3,85%	30,44%
HEXAdeCamethylCycloOctasiloxane	689,2	6,92	0,8826	0,2445	0,5027	0,8199	3,1121	153,4554	0,87%	1,43%		1,32%	31,66%
HEXAdeCamethylHeptasiloxane	671,8	6,77	0,8864	0,2407	1,5412	0,9934	1,0951	178,4883	0,74%	1,08%		1,93%	29,26%
HEXAethylbenzene	746	17,30	0,7534	0,2526	0,8840	0,9067	1,8321	55,6578	0,86%	2,36%	1,23%	1,30%	23,45%
HEXAfluoro-1,3-butadiene	409,9	31,31	0,3510	0,2645	1,3822	1,0000	0,7037	15,7336	0,87%	0,98%		3,56%	21,36%
HEXAfluoroacetone	357,14	28,37	0,3636	0,2652	0,1626	0,8154	3,2139	13,9712	1,16%	4,63%	1,55%	4,16%	1,80%
HEXAfluorobenzene	516,73	32,73	0,3953	0,2546	0,2699	0,8331	2,8434	25,7732	0,65%	3,05%	0,68%	3,56%	22,93%
HEXAfluoroethane	293,03	30,43	0,2549	0,2778	0,2585	0,8511	2,4486	5,5686	0,33%	1,86%	1,76%	2,49%	16,66%
HEXAmethylbenzene	758	27,70	0,4956	0,2475	1,1033	0,9909	1,1186	48,8150	0,95%	2,32%	0,61%	3,90%	19,66%
HEXAmethylcyclotrisiloxane	554,2	17,80	0,4962	0,2673	1,6326	1,0000	0,7020	25,0756	0,92%	0,95%		2,53%	21,07%
HEXAmethyldisilazane	544	19,20	0,5101	0,2598	0,5430	0,8743	2,2005	32,7137	1,70%	2,43%		2,13%	22,76%
HEXAmethyldisiloxane	519	19,20	0,4142	0,2672	0,2707	0,8247	2,8308	24,6152	0,87%	3,48%	0,56%	2,52%	18,58%
HEXAmethyleneimine	624	42,70	0,3454	0,2757	0,2971	0,8477	2,5862	8,7360	2,13%	3,68%		1,83%	9,77%
HEXAmethylenetetramine	837	36,80	0,2994		0,2558	0,8456	2,6218		0,48%	2,20%			
HEXanal	594	34,60	0,3618	0,2606	0,5013	0,8605	1,8624	24,1709	0,70%	1,16%		2,94%	19,48%
HEXanenitrile	633,8	33,00	0,4343	0,2447	0,4727	0,8713	2,2402	40,9552	1,33%	5,91%		3,91%	25,66%
HMX	1030	25,00	1,1318		0,7010	0,8305	2,8939		1,30%				
HYDRAZOBENZENE	939	30,90	0,6718	0,2311	0,4406	0,8218	2,8294	78,7974	0,70%	1,16%		3,26%	27,45%
HYDROGEN BROMIDE	363,15	85,52	0,0734	0,2832	0,5191	0,8943	1,0456	2,9690	0,98%	1,32%	0,25%	3,64%	14,72%
HYDROGEN CHLORIDE	324,65	83,10	0,1315	0,2677	0,2288	0,8767	2,1698	5,9877	1,55%	2,07%	1,35%	3,65%	26,28%
HYDROGEN CYANIDE	457	54,00	0,4043	0,1917	0,5825	0,9063	1,8359	42,0086	4,55%			9,12%	42,62%
HYDROGEN IODIDE	423,85	83,10	0,0381	0,2883	0,3946	0,8631	1,1132	2,5624	0,30%	1,68%	0,60%	3,55%	13,86%
HYDROGEN PEROXIDE	730,15	217,00	0,3582	0,2685	0,4272	0,8756	2,1837	3,3570	0,42%	1,21%		1,62%	15,70%
HYDROGEN SELENIDE	411,15	89,20	0,0542	0,2876	0,1117	0,8601	2,3944	2,3908	1,27%	3,84%		3,48%	4,46%
HYDROGEN SULFIDE	373,53	89,63	0,0942	0,2825	0,1748	0,8686	2,2761	3,0181	0,25%	1,55%	10,76%	3,18%	14,20%
HYDROXYACETONITRILE	664	59,30	0,8007	0,2097	0,7845	0,8400	2,0271	39,2313	0,65%	0,91%		5,64%	39,02%
HYDROXYCAPROIC ACID	683	36,40	1,1375		0,6083	0,8156	3,2107		1,41%	0,82%			
IBUPROFEN	765	29,80	1,0101	0,3028	0,6953	0,8394	2,7278	-42,0001	1,62%			4,73%	12,79%
IMIDAZOLE	844,8	105,50	0,4138	0,2862	0,5664	0,7998	1,6572	-1,8061	0,57%	1,24%		1,54%	17,14%
INDENE	687	38,20	0,3338	0,2555	0,3053	0,8520	2,5181	32,2215	2,99%	3,76%	1,64%	3,22%	26,69%
INDOLE	790	43,00	0,3763	0,2371	0,5783	0,8348	1,6221	48,7143	0,65%	1,32%	0,04%	6,60%	6,84%

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									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
IODINE	819,15	116,54	0,1115	0,2988	0,2140	0,8759	2,1803	-2,8926	1,57%	3,71%	2,46%	27,55%	
IODOBENZENE	721,15	45,19	0,2466	0,2652	0,3489	0,8406	1,9273	21,7784	0,40%	1,04%	0,65%	3,94%	19,80%
IRON PENTACARBONYL	559,65	31,53	0,2938	0,2669	1,5510	1,0000	0,5710	21,2688	2,09%		0,16%	3,56%	17,78%
ISOAGATHOLAL	790	16,70	1,0832		0,6068	0,8194	3,1236		1,21%	1,44%			
ISOBUTANE	407,8	36,40	0,1835	0,2741	0,6853	0,8842	1,0305	10,8558	1,38%	1,81%	3,04%	4,61%	15,69%
ISOBUTENE	417,9	40,00	0,1948	0,2723	0,3292	0,8528	1,8473	10,9236	1,04%	1,21%	2,74%	4,14%	16,58%
ISOBUTYL ACETATE	560,8	30,10	0,4340	0,2542	1,4335	1,0000	0,7520	29,4842	1,12%	4,08%	2,58%	4,74%	25,16%
ISOBUTYL ACRYLATE	587	29,50	0,4551	0,2617	0,5366	0,8512	1,9805	22,8949	0,74%	1,00%		2,36%	22,07%
ISOBUTYL CHLORIDE	528	39,00	0,2416	0,2622	0,3629	0,8173	1,7413	19,6714	1,57%	1,95%	0,99%	6,37%	18,51%
ISOBUTYL FORMATE	551,35	38,81	0,3896	0,2779	0,4312	0,8274	2,0295	5,2696	0,73%	2,17%		1,57%	10,36%
ISOBUTYL ISOBUTYRATE	601,89	26,10	0,4006	0,2680	1,4498	0,9994	0,7140	22,8353	0,74%	2,18%		1,82%	22,77%
ISOBUTYL MERCAPTAN	559	40,60	0,2528	0,2723	0,3279	0,8427	2,0303	13,0112	1,91%	2,10%	2,07%	2,97%	20,06%
ISOBUTYL METHACRYLATE	612	26,70	0,4205	0,2589	0,3001	0,8341	2,7801	31,5206	0,28%	1,18%	1,32%	2,99%	22,46%
ISOBUTYLAMINE	513,73	42,15	0,3627	0,2701	0,2429	0,8330	2,8461	9,6512	2,19%	4,04%	0,68%	3,58%	4,97%
ISOBUTYLBENZENE	650	30,50	0,3817	0,2735	0,3189	0,8386	2,5508	14,5466	0,35%	2,48%	1,80%	1,29%	20,52%
iso-BUTYLCYCLOHEXANE	642,1	25,85	0,3536	0,2669	0,8107	0,8864	1,2129	27,6013	0,65%	1,05%		1,81%	27,33%
ISOBUTYLENE GLYCOL	626,3	50,33	0,8765	0,2681	0,6347	0,8432	2,6614	3,5849	0,82%			2,82%	19,33%
ISOBUTYL-tert-BUTYL ETHER	558,3	25,61	0,3494	0,2781	1,1330	0,9712	0,8731	11,0518	0,81%	1,04%	0,39%	1,36%	21,79%
ISOBUTYRIC ACID	605	37,00	0,6140	0,2213	0,3807	0,8257	2,9894	47,8441	1,76%			7,21%	38,81%
ISOBUTYRIC ANHYDRIDE	631,5	27,19	0,5926	0,2712	0,6253	0,8786	2,1464	12,0287	2,25%			2,62%	29,97%
ISOBUTYRONITRILE	565	37,60	0,3384	0,2333	0,5134	0,8484	1,7210	44,2194	0,75%	1,52%		6,75%	33,90%
ISOPENTANE	460,4	33,80	0,2279	0,2710	0,2507	0,8548	2,3951	13,8762	0,37%	1,66%	1,65%	3,93%	18,83%
ISOPENTYL ISOVALERATE	637	22,00	0,5785	0,2504	0,3577	0,8266	2,9723	40,9398	2,79%	1,63%	2,95%	4,28%	26,92%
ISOPHORONE	707,6	30,90	0,4165	0,2543	0,5817	0,9014	1,8869	37,3403	0,93%			3,05%	23,41%
ISOPHORONE DIISOCYANATE	765	25,20	0,6660		0,5732	0,8345	2,3445		0,88%	1,69%			
ISOPHTHALIC ACID	1007	39,50	1,0613		0,6009	0,8204	3,1024		1,05%	1,36%			
ISOPHTHALOYL CHLORIDE	768	33,30	0,6455	0,2501	0,6226	0,8300	2,1162	35,3237	0,38%	0,29%		2,17%	28,21%
ISOPRENE	484	38,50	0,1583	0,2649	1,3072	1,0000	0,5301	20,0617	1,15%	1,00%	0,18%	5,76%	18,97%
ISOPROPANOL	508,3	47,65	0,6630	0,2454	1,3702	0,9976	1,0478	17,0320	2,73%	3,19%	6,70%	4,46%	25,50%
ISOPROPYL ACETATE	532	32,90	0,3678	0,2554	1,2055	1,0000	0,8408	26,9180	1,02%	1,18%		4,34%	25,37%
ISOPROPYL ACRYLATE	560	33,10	0,4051	0,2660	0,4436	0,8707	2,2473	16,5036	0,81%		2,86%	2,13%	20,32%
ISOPROPYL BUTYL ETHER	549	27,40	0,4032	0,2702	0,3231	0,8179	2,4729	15,9595	0,56%	5,00%	0,15%	1,64%	23,99%
ISOPROPYL CHLORIDE	489	45,40	0,1986	0,2736	0,7891	0,8876	0,9431	10,2319	0,47%	1,81%	0,73%	4,51%	16,71%
ISOPROPYL IODIDE	578	51,20	0,2380	0,2987	0,3390	0,8808	2,1185	-5,5053	2,61%	3,04%		1,42%	9,79%
ISOPROPYL ISOBUTYL ETHER	537	27,90	0,3785	0,2786	0,3503	0,8188	2,2710	7,2316	0,66%	4,72%	1,03%	1,29%	20,97%
ISOPROPYL MERCAPTAN	517	47,50	0,2138	0,2830	0,2315	0,8559	2,4428	4,4474	2,05%	2,19%	2,61%	2,10%	17,01%

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									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
ISOPROPYL PALMITATE	766,2	10,90	0,8688	0,2223	0,6116	0,7886	2,4885	195,7746	0,85%	1,60%		3,56%	34,80%
ISOPROPYLAMINE	471,85	45,40	0,2759	0,2677	0,5504	0,7664	1,3049	11,9086	0,62%	0,92%	2,42%	4,27%	24,95%
ISOPROPYLCYCLOHEXANE	627	28,50	0,3295	0,2628	0,2909	0,8482	2,5789	28,6385	0,63%	1,07%		3,22%	25,23%
ISOPROPYLCYCLOPENTANE	593	30,40	0,3030	0,2631	0,4834	0,8524	1,7058	25,4780	1,25%	1,84%	3,61%	4,33%	22,65%
ISOQUINOLINE	803,15	51,00	0,3035	0,2827	0,2937	0,8474	2,4392	4,4735	0,60%	1,46%	1,98%	1,18%	15,50%
ISOVALERIC ACID	629,09	36,88	0,6818	0,2406	0,5767	0,8173	2,2987	31,1181	0,65%			4,15%	41,73%
ISOXAZOLE	590	61,00	0,2568	0,2472	0,2868	0,8609	2,3839	22,1560	1,75%	1,28%		6,20%	28,79%
ITACONIC ACID	821	42,40	0,9247		0,4965	0,8152	3,2186		0,82%	1,18%			
KETENE	370	58,10	0,1257	0,2720	1,1884	1,0000	0,5467	7,9815	1,18%	2,66%		5,11%	17,02%
KRYPTON	209,35	55,02	0,0000	0,2906	0,1943	0,9046	1,8528	1,7957	0,35%	1,70%		3,07%	13,66%
LACTONITRILE	643	50,30	0,7886	0,2195	0,8637	0,8679	1,8735	35,2870	0,34%	0,34%		6,79%	31,28%
LEVULINIC ACID	738	40,20	0,7557	0,2172	0,4444	0,8224	3,0599	51,7062	0,71%	0,96%		7,65%	33,26%
LINOLEIC ACID	775	14,10	1,1801	0,2288	0,6791	0,8229	3,0473	103,6769	1,37%	1,35%		1,87%	43,40%
LINOLENIC ACID	780	14,40	1,1870	0,2373	0,6719	0,8210	3,0885	88,9636	1,72%	1,73%		2,23%	31,99%
L-MENTHOL	658	27,10	0,7796	0,2567	0,7215	0,8714	2,2384	18,8540	3,50%	4,27%		2,24%	22,72%
L-PHENYLALANINE	854	34,70	0,8516		0,4173	0,8088	3,3736		1,35%	1,62%	1,76%		
LYSINE	821	35,30	1,0127		0,5630	0,8170	3,1345		1,01%	0,92%			
MALEIC ACID	773	49,90	0,9976		0,5343	0,8151	3,2204		0,97%	0,99%			
MALEONITRILE	704	37,30	0,5575		1,5094	0,9997	0,8236		3,70%	5,20%	2,11%		
MALONIC ACID	834	61,00	0,7383		0,4746	0,7826	2,6350		0,78%				
MALONONITRILE	715	40,40	0,5016	0,1742	0,3383	0,8321	2,8634	96,6377	0,44%	1,83%		17,06%	58,81%
m-CHLOROANILINE	751	45,90	0,4198	0,2661	0,4129	0,8440	2,2916	19,5504	0,50%	6,87%		1,59%	19,21%
m-CHLOROBENZOYL CHLORIDE	724	36,80	0,4542		1,0334	0,9887	1,1386		0,38%	0,31%			
m-CHLORONITROBENZENE	742	39,80	0,4919	0,2458	0,3895	0,8448	2,6346	37,0384	2,06%	4,55%	3,39%	3,95%	11,03%
m-CHLOROPHENOL	729	53,20	0,4856	0,2800	0,6473	0,9052	1,8473	2,6727	3,75%	4,53%		1,51%	17,84%
m-CRESOL	705,85	45,60	0,4480	0,2513	0,5258	0,7714	1,7537	25,2046	1,62%	2,27%	2,28%	5,38%	29,42%
m-CYMENE	649	28,10	0,3780	0,2552	0,6333	0,8554	1,5366	38,4404	0,18%	1,12%	2,62%	4,03%	21,79%
m-DIBROMOBENZENE	761	46,60	0,2932	0,2742	0,3452	0,8591	2,2027	11,7097	1,25%	2,08%	1,66%	2,69%	18,52%
m-DICHLOROBENZENE	683,95	40,70	0,2790	0,2624	0,3711	0,8434	1,9744	25,2754	0,55%	1,44%	0,49%	3,04%	25,49%
m-DIETHYLBENZENE	663	28,80	0,3540	0,2582	0,6855	0,8497	1,3763	36,2849	0,83%	1,32%		3,41%	23,31%
m-DIISOPROPYLBENZENE	684	24,50	0,3587	0,2813	1,4884	1,0000	0,6535	16,5110	1,93%	2,95%		4,63%	26,21%
m-DIVINYLBENZENE	692	31,20	0,3734	0,2497	0,7712	0,8926	1,3154	44,2880	0,35%	0,31%		4,24%	29,64%
MELAMINE	1008	58,58	0,6973		0,6260	0,8633	2,3491		1,05%				
MERCURY	1735	1608,03	-0,1645	0,3906	0,1420	0,9748	1,2517	-6,2081	2,37%	8,53%	1,15%	2,43%	14,49%
MERCURY DICHLORIDE	972	115,21	0,2563	0,2548	0,2694	0,8566	2,4465	15,6954	0,38%	2,04%		4,18%	24,95%
MESITYL OXIDE	600	34,10	0,3254	0,2464	0,5281	0,8148	1,5616	39,5820	0,66%	1,33%	0,24%	5,81%	26,22%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
MESITYLENE	637,3	31,27	0,3985	0,2550	0,4151	0,8496	2,2393	32,6536	0,20%	0,84%	1,43%	3,76%	22,91%
METHACROLEIN	530	42,50	0,2456	0,2459	0,4467	0,8529	1,6501	30,6287	0,71%	1,78%	6,13%	23,53%	
METHACRYLONITRILE	554	38,80	0,3013	0,2306	0,2312	0,8423	2,6767	45,7926	4,63%	7,70%	1,13%	7,14%	32,05%
METHANE	190,564	45,99	0,0115	0,2894	0,2170	0,9082	1,8172	2,0509	0,33%	2,04%	8,33%	3,60%	14,39%
METHANOL	512,5	80,84	0,5658	0,2263	0,7619	0,9142	1,7582	16,9781	1,40%	5,36%	10,13%	7,69%	35,66%
METHOXYACETONE	584,1	42,13	0,3805	0,2493	0,5790	0,8925	1,7710	27,5149	0,18%		3,97%	24,30%	
METHOXYDIHYDROPYRAN	599	39,30	0,3669	0,2659	0,3307	0,8327	2,4104	15,6252	0,66%	1,39%	3,18%	22,90%	
METHYL ACETATE	506,55	47,50	0,3313	0,2564	0,5648	0,8254	1,4988	17,9514	2,39%	3,45%	0,45%	4,83%	21,76%
METHYL ACRYLATE	536	42,50	0,3423	0,2495	0,3704	0,8576	2,2812	24,1483	0,24%	0,34%	6,01%	20,51%	
METHYL alpha-HYDROXYISOBUTYRATE	585,1	34,88	0,5444	0,2533	0,4532	0,8494	2,5582	24,8003	0,55%	1,54%	2,28%	24,68%	
METHYL alpha-METHOXYISOBUTYRATE	589,3	29,35	0,4212		0,4836	0,8373	2,0094		0,59%	1,67%			
METHYL BENZOATE	693	35,90	0,4205	0,2567	0,3074	0,8379	2,7554	31,0545	3,27%	3,70%	2,25%	2,43%	15,58%
METHYL CAPRYLATE	650,7	23,84	0,4947	0,2558	1,4544	1,0000	0,8036	41,1642	1,36%	1,16%	2,50%	25,27%	
METHYL CHLORIDE	416,25	66,80	0,1510	0,2686	0,3041	0,8591	1,8107	8,6823	0,65%	2,10%	0,94%	4,26%	16,32%
METHYL CHLOROACETATE	600	45,00	0,4340	0,2524	0,5009	0,8297	1,9569	23,7940	1,56%	2,04%	0,89%	2,85%	28,05%
METHYL CHLOROFORMATE	525	53,60	0,3921	0,2680	0,5851	0,8449	1,6645	8,6214	0,77%	1,11%	2,78%	18,93%	
METHYL CYANOACETATE	687	38,10	0,5413	0,2266	0,3598	0,8311	2,8823	56,0311	0,55%	1,27%		2,96%	45,48%
METHYL DECANOATE	686,9	19,42	0,5491	0,2429	1,5955	1,0000	0,7711	74,4822	0,72%	0,78%		4,12%	26,86%
METHYL DICHLOROSILANE	483	39,50	0,2758	0,2658	0,2474	0,8507	2,5375	12,9355	3,95%	5,41%	7,69%	6,17%	12,79%
METHYL DIETHANOLAMINE	741,9	41,60	0,6286	0,2489	0,5923	0,8248	2,1561	27,3364	0,83%	1,42%		3,20%	23,20%
METHYL DODECANOATE	712	16,50	0,6644	0,2370	0,6689	0,7983	1,9509	97,2350	0,65%	1,03%		3,54%	29,26%
METHYL EICOSANOATE	797,9	9,59	0,9021		0,6505	0,7620	2,3480		0,87%	1,58%			
METHYL ERUCATE	806,2	9,38	1,0984	0,2199	0,6030	0,8176	3,1634	234,4497	1,12%	1,97%		1,78%	32,65%
METHYL ETHYL ETHER	437,8	44,00	0,2314	0,2678	1,0577	1,0000	0,7788	11,7313	1,73%	2,05%		4,85%	19,47%
METHYL ETHYL KETONE	535,5	41,50	0,3234	0,2531	0,3273	0,8480	2,3524	24,8282	0,33%	1,56%	2,32%	3,84%	24,64%
METHYL ETHYL SULFIDE	533	42,60	0,2091	0,2552	0,5103	0,8223	1,3173	24,8983	0,48%	1,07%	0,03%	6,30%	26,72%
METHYL FLUORIDE	317,42	58,75	0,1947	0,2474	0,2956	0,8771	2,1653	13,1601	0,59%	2,37%	4,20%	6,33%	20,86%
METHYL FORMATE	487,2	60,00	0,2556	0,2570	0,4365	0,8345	1,6414	14,4770	0,51%	1,22%	2,15%	5,32%	22,42%
METHYL HYDROPEROXIDE	566,1	92,44	0,4827		0,5379	0,8512	2,0537		0,64%	1,20%			
METHYL IODIDE	528,2	66,00	0,1567	0,2669	0,2671	0,8490	1,8554	12,0805	3,46%	4,97%	1,80%	4,97%	19,84%
METHYL ISOBUTYL ETHER	497	34,10	0,3078	0,2706	0,2287	0,8378	2,7563	12,5550	0,56%	4,53%	0,21%	3,54%	18,96%
METHYL ISOBUTYL KETONE	574,6	32,70	0,3557	0,2575	0,2690	0,8388	2,7393	27,2253	2,59%	1,45%		3,86%	24,60%
METHYL ISOBUTYRATE	540,7	34,32	0,3637	0,2579	0,3194	0,8204	2,3659	24,0659	0,85%	2,04%	0,45%	3,97%	21,70%
METHYL ISOCYANATE	488	54,80	0,3007	0,2484	0,2358	0,8403	2,7114	21,1000	0,51%	1,90%		3,21%	11,73%
METHYL ISOPROPENYL KETONE	566	38,90	0,2862	0,2509	0,6148	0,8631	1,3769	30,4672	0,66%	1,41%		5,11%	23,44%
METHYL ISOPROPYL ETHER	464,48	37,62	0,2656	0,2705	0,5634	0,8500	1,4004	12,6099	0,81%	2,04%	0,94%	3,35%	19,41%

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									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
METHYL ISOPROPYL KETONE	553,4	38,00	0,3208	0,2596	0,4211	0,7898	1,7253	22,0602	0,97%	8,22%	1,20%	4,75%	23,08%
METHYL ISOPROPYL SULFIDE	553,1	40,21	0,2461	0,2711	0,5766	0,8673	1,3613	13,8095	0,55%	2,12%		3,87%	12,02%
METHYL LACTATE	607,3	42,35	0,5297	0,2476	0,5116	0,8492	2,2702	25,0807	0,62%	1,56%		3,78%	23,30%
METHYL MERCAPTAN	469,95	72,30	0,1582	0,2722	0,4040	0,8485	1,4266	7,4581	3,24%	3,82%	1,46%	4,95%	19,09%
METHYL METHACRYLATE	566	36,80	0,2802	0,2552	0,2964	0,7670	1,8910	29,7037	0,55%	1,60%		4,66%	22,77%
METHYL MYRISTATE	741,2	14,21	0,6979	0,2335	1,7272	1,0000	0,8137	129,6612	1,47%	1,40%		3,41%	32,52%
METHYL n-BUTYL ETHER	512,74	33,71	0,3130	0,2624	0,2263	0,8364	2,7818	19,8463	0,57%	3,80%	0,22%	4,63%	22,10%
METHYL n-BUTYL SULFIDE	593	34,70	0,3229	0,2610	0,3006	0,8378	2,4107	24,0500	0,73%	1,31%	1,12%	3,96%	24,88%
METHYL n-BUTYRATE	554,5	34,73	0,3775	0,2533	0,5903	0,8214	1,5557	27,5227	1,69%	2,54%	3,74%	5,14%	22,05%
METHYL NONAFLUORO-N-BUTYL ETHER	468,45	22,30	0,4322	0,2597	0,6243	0,8138	1,5918	28,0641	4,21%		0,82%	3,07%	22,06%
METHYL n-PENTYL ETHER	546,49	30,42	0,3442	0,2633	0,2689	0,8286	2,5981	22,8107	0,41%	2,85%	0,13%	3,17%	25,02%
METHYL n-PROPYL ETHER	476,25	38,01	0,2770	0,2692	0,2299	0,8441	2,6472	13,8340	2,39%	2,86%	0,78%	2,72%	20,80%
METHYL n-PROPYL SULFIDE	565	39,70	0,2737	0,2671	0,2589	0,8417	2,4551	17,2486	0,37%	1,62%	0,84%	3,10%	22,86%
METHYL OLEATE	764	12,80	1,0494	0,2397	0,5856	0,8187	3,1392	96,2078	1,15%	0,62%		1,90%	46,98%
METHYL PALMITATE	762,2	12,35	0,7765	0,2264	1,7388	1,0000	0,8657	169,7665	1,69%	1,50%		3,87%	33,97%
METHYL PALMITOLEATE	744,4	14,15	0,9974	0,2404	0,5832	0,8229	3,0484	86,7827	1,08%	1,64%		1,52%	43,43%
METHYL para-TOLUATE	718,4	31,78	0,3662		0,1635	0,7164	2,3544		0,54%				
METHYL PENTYL SULFIDE	611,9	30,81	0,3653	0,2594	0,5021	0,8144	1,7340	28,6298	0,92%	1,52%	0,48%	3,74%	22,49%
METHYL PHENYL SULFIDE	712,8	42,06	0,3080	0,2666	0,2366	0,8176	2,5336	20,9173	0,40%			2,78%	14,48%
METHYL PROPIONATE	530,6	40,04	0,3466	0,2558	0,3543	0,8227	2,1714	22,0582	1,00%	1,98%	0,57%	4,53%	22,41%
METHYL sec-BUTYL ETHER	498	34,10	0,3062	0,2670	0,5265	0,8340	1,5544	15,4418	0,76%	4,13%	0,60%	4,39%	18,33%
METHYL SILANE	352,5	47,00	0,1314	0,3066	0,5461	0,9561	1,2684	-5,8411	0,21%			1,02%	4,24%
METHYL SILICATE	562,8	28,73	0,4442	0,2674	0,3486	0,8424	2,6749	17,1956	0,48%	1,65%	2,31%	1,84%	18,14%
METHYL STEARATE	781,1	10,84	0,8595	0,2181	1,7228	1,0000	0,9353	219,6386	1,98%	1,81%		4,79%	35,68%
METHYL t-BUTYL SULFIDE	570	35,40	0,2334	0,2722	0,3069	0,8176	1,9202	15,7966	0,42%	1,19%	0,22%	3,73%	19,57%
METHYL tert-BUTYL ETHER	497,1	32,86	0,2465	0,2642	1,2240	1,0000	0,6801	21,3400	0,63%	1,16%		4,72%	20,95%
METHYL tert-PENTYL ETHER	534	30,40	0,2981	0,2606	0,2691	0,8482	2,5786	25,3206	0,94%	1,42%	3,58%	4,50%	19,56%
METHYL t-PENTYL SULFIDE	632	31,30	0,2836	0,2592	0,2276	0,8416	2,6892	32,7553	0,65%	2,95%	1,70%	4,39%	21,12%
METHYL TRICHLOROSILANE	517	35,30	0,2634	0,2705	1,3824	1,0000	0,5956	15,7316	3,64%		0,96%	3,88%	14,76%
METHYL VINYL DICHLOROSILANE	544,1	29,40	0,2928	0,2505	0,5305	0,8442	1,5406	37,7583	0,70%	1,81%		6,31%	16,17%
METHYL VINYL ETHER	437	46,70	0,2416	0,2603	1,0514	1,0000	0,7990	14,8256	0,88%	1,16%		5,83%	16,44%
METHYL-3-MERCAPTOPROPIONATE	644	39,26	0,3990		0,7489	0,8634	1,3759		0,78%	1,38%			
METHYL-4-FORMYLBENZOATE	759,5	31,69	0,6107	0,2282	0,6332	0,8775	2,1603	60,8410	2,44%			6,15%	23,64%
METHYLACETYLENE	402,4	56,30	0,2115	0,2706	0,3018	0,8332	1,9338	8,0617	0,62%	1,78%	0,74%	3,84%	15,87%
METHYLAL	480,6	39,50	0,2856	0,2463	0,1353	0,8212	3,0858	27,2097	0,96%	3,53%	0,66%	7,45%	45,54%
METHYLAMINE	430,05	74,60	0,2814	0,2593	0,8236	0,8644	1,0432	9,5867	0,33%	0,65%	0,68%	4,81%	2,48%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
METHYLCYCLOHEXANE	572,1	34,80	0,2361	0,2715	0,6317	0,8468	1,1886	17,2539	1,64%	2,10%	0,87%	3,60%	18,80%
METHYLCYCLOPENTADIENE	541	44,30	0,2376	0,2743	0,5352	0,8557	1,4055	10,2020	0,70%	1,10%		3,40%	17,65%
METHYLCYCLOPENTADIENE DIMER	675	26,40	0,4229		0,5876	0,8451	1,7354		0,75%	1,34%			
METHYLCYCLOPENTANE	532,7	37,90	0,2288	0,2712	0,5735	0,8458	1,2793	14,7516	0,47%	1,54%	2,10%	4,02%	17,49%
METHYLETHANOLAMINE	630	52,20	0,5855	0,2523	0,3940	0,8242	2,8050	17,8829	0,77%	1,27%		2,33%	25,14%
METHYLGERMANIUM TRICHLORIDE	595,4	39,51	0,2243	0,2684	1,1934	1,0000	0,6747	18,3992	0,92%	1,36%	1,38%	4,25%	18,82%
METHYLGLUTARONITRILE	742	28,80	0,6381	0,2143	0,5941	0,8323	2,1986	91,8061	0,82%	1,34%		4,34%	54,02%
METHYLNORBORNENE	600	34,40	0,2108	0,2601	0,9559	0,9900	0,8362	30,3063	0,72%	1,70%		5,15%	20,18%
m-ETHYLSTYRENE	670,7	29,36	0,3955	0,2531	0,7343	0,8664	1,3984	40,7857	0,80%	1,69%		3,23%	28,21%
m-ETHYLtolUENE	637,15	31,50	0,3649	0,2585	0,7506	0,8768	1,3137	30,8897	0,31%	1,49%	3,37%	3,39%	24,05%
m-METHYLSTYRENE	657	32,90	0,3487	0,2504	0,7415	0,8796	1,3059	39,6140	0,76%	1,22%		4,79%	26,25%
m-NITROANILINE	815	44,20	0,7297		0,4018	0,8182	3,1518		2,05%	0,52%			
MONOBUTYL SULFATE	889,2	76,10	0,4390		1,0171	0,9134	1,1008		0,93%	2,02%			
MONOCHLOROBENZENE	632,35	45,19	0,2499	0,2641	0,3383	0,8423	1,9860	19,3208	0,55%	2,08%	2,72%	4,46%	19,64%
MONOCHLOROSILANE	399,2	53,01	0,1327		0,4393	0,8578	1,3352		0,92%	1,69%	1,16%		
MONOMETHYL TEREPHTHALATE	797,8	31,08	0,8770		0,4604	0,8135	3,2584		0,62%				
MONOMETHYL UREA	836,5	63,53	0,5690		0,1657	0,7299	3,0986		0,60%				
MONOOLEIN	856,9	12,01	1,0985	0,2316	0,6780	0,8294	2,9161	144,9219	1,35%			1,69%	33,76%
MONO-TERT-BUTYLHYDROQUINONE	805,5	37,65	0,7321		0,6591	0,8653	2,3216		2,22%				
MORPHOLINE	618	53,40	0,3579	0,2693	0,3073	0,8473	2,5925	10,1223	1,67%	2,98%		2,59%	19,93%
m-PHENYLENEDIAMINE	824	51,80	0,5464	0,2486	0,7144	0,9067	1,8321	28,9353	0,59%	1,99%		2,43%	9,27%
m-TERPHENYL	883	24,80	0,6509	0,2451	0,5021	0,8449	2,6321	61,2293	0,65%	1,12%		2,77%	27,84%
m-TOLUALCOHOL	681	39,10	0,7508	0,2736	0,4429	0,8227	3,0523	-0,8895	0,83%	0,57%	4,66%	1,35%	24,96%
m-TOLUALDEHYDE	691	36,70	0,4332	0,2458	0,8609	0,8847	1,2810	38,9209	0,63%	0,83%		4,80%	28,43%
m-TOLUIC ACID	754	39,01	0,6809		0,3859	0,7615	2,7119		0,75%	1,77%			
m-TOLIDINE	707	42,80	0,4348	0,2536	1,3279	0,8997	0,8153	27,6161	4,91%	3,17%	0,16%	4,32%	29,19%
m-XYLENE	617	35,41	0,3265	0,2581	0,3602	0,8466	2,2015	27,1365	0,56%	1,10%	1,33%	4,31%	21,54%
N-(2-HYDROXYETHYL)PIPERAZINE	780	49,37	0,4203	0,2863	1,3428	1,0000	0,8024	-2,6911	1,75%	2,15%		1,37%	19,39%
N,N'-BIS(2-HYDROXYETHYL)ETHYLENEDIAMINE	781,8	38,04	1,1400	0,2584	0,7159	0,8315	2,8749	10,1620	1,25%			1,59%	26,57%
N,N'-DI(2-HYDROXYETHYL)PIPERAZINE	825,3	38,80	0,6303		0,5862	0,7999	2,0955		0,68%	1,28%	3,90%		
N,N-DIETHYLANILINE	702	28,50	0,4262	0,2523	1,5041	1,0000	0,7081	43,8756	1,50%	2,15%	0,15%	4,48%	14,89%
N,N-DIETHYLHYDROXYLAMINE	567	41,30	0,7154	0,2712	1,2451	0,9776	1,2300	5,6539	1,33%	1,68%		1,54%	13,24%
N,N-DIETHYLMETHYLAMINE	506,1	33,43	0,3051	0,2725	0,3846	0,8521	2,0562	11,9810	0,62%			2,59%	18,83%
N,N-DIMETHYLACETAMIDE	658	40,30	0,3635	0,2310	1,1552	1,0000	0,8802	49,1998	0,88%	0,31%		7,42%	25,64%
N,N-DIMETHYLANILINE	687,15	36,30	0,4022	0,2540	1,0607	0,9989	1,0293	31,5900	1,17%	2,61%		4,36%	6,03%
N,N-DIMETHYLFORMAMIDE	649,6	44,20	0,3177	0,2200	0,3945	0,8419	2,0230	53,5364	0,67%	2,23%	0,85%	10,07%	35,04%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
N,N-DIMETHYL-n-BUTYLAMINE	538	29,30	0,3403	0,2666	0,4286	0,8357	1,9414	20,4475	0,73%	1,38%		2,83%	16,85%
N,N'-DI-tert-BUTYLETHYLEDIAMINE	625	21,60	0,6278		0,7338	0,8869	1,9229		0,88%	1,27%	8,14%		
N-AMINOETHYL ETHANOLAMINE	698	44,60	1,0473	0,2524	0,6010	0,8216	3,0765	14,5460	0,93%	1,20%		2,13%	27,80%
N-AMINOETHYL PIPERAZINE	710,7	37,87	0,5271	0,2618	0,4410	0,8496	2,5554	18,0693	0,68%			2,18%	20,98%
NAPHTHACENE	987	23,90	0,5653		0,3021	0,8172	3,1740		0,55%	2,54%			
NAPHTHALENE	748,4	40,50	0,3020	0,2603	0,3757	0,8201	1,9035	28,3468	2,05%	5,27%	2,76%	4,19%	18,87%
n-BUTANE	425,12	37,96	0,2002	0,2732	0,3515	0,8609	1,8323	11,0274	0,50%	1,24%	3,23%	3,66%	17,39%
n-BUTYL ACETATE	575,4	30,90	0,4394	0,2574	0,2927	0,8317	2,8701	26,4717	1,24%	1,17%	1,43%	2,97%	25,86%
n-BUTYL ACRYLATE	598	29,10	0,4817	0,2620	0,3423	0,8361	2,7882	24,7392	2,49%	1,92%		1,36%	27,29%
n-BUTYL BENZOATE	724	25,90	0,5767	0,2518	0,5908	0,8610	2,1552	42,4754	0,22%			1,83%	31,94%
n-BUTYL CHLORIDE	539,2	37,21	0,2472	0,2561	0,3613	0,8338	1,8648	26,9281	1,25%	2,20%		5,42%	22,44%
n-BUTYL FORMATE	559	35,10	0,3878	0,2559	0,3014	0,8260	2,5688	24,8192	0,55%	2,45%	1,04%	4,33%	23,98%
n-BUTYL ISOCYANATE	568	34,40	0,4145	0,2438	0,7391	0,8668	1,4269	34,7451	0,81%	0,90%		6,81%	17,46%
n-BUTYL MERCAPTAN	570,1	39,70	0,2714	0,2628	0,3027	0,8489	2,2641	19,9285	1,90%	1,88%	2,15%	4,54%	23,15%
n-BUTYL METHACRYLATE	619	26,30	0,4467	0,2519	1,2974	1,0000	0,8623	40,1531	0,95%	0,79%		4,24%	27,26%
n-BUTYL n-BUTYRATE	616	25,40	0,4815	0,2535	0,3401	0,8354	2,8001	36,8875	0,54%	1,60%	2,23%	3,22%	28,59%
n-BUTYL PROPIONATE	594,6	28,00	0,4644	0,2558	0,6875	0,8371	1,5814	30,9078	0,51%	1,12%	0,54%	3,41%	26,16%
n-BUTYL STEARATE	764	11,10	1,0246	0,2496	0,5354	0,8126	3,2806	84,5226	1,52%	2,57%	7,69%	3,37%	48,22%
n-BUTYL VALERATE	629	23,30	0,5955	0,2539	0,4779	0,8195	2,4324	36,5345	0,41%		0,12%	1,97%	30,10%
n-BUTYLAMINE	531,9	42,00	0,3292	0,2650	0,2128	0,8307	2,8897	14,5190	0,67%	2,31%	3,03%	4,16%	8,54%
n-BUTYLBENZENE	660,5	28,90	0,3941	0,2606	0,4570	0,8342	1,9927	31,7276	1,09%	1,33%	2,07%	2,37%	21,06%
n-BUTYLBENZENE HYDROPEROXIDE	762,5	29,44	0,9570		0,5658	0,8236	3,0336		0,92%	1,61%			
n-BUTYLCYCLOHEXANE	667	25,70	0,2743	0,2579	1,4616	1,0000	0,5900	45,1019	2,37%	2,28%	4,01%	4,85%	26,25%
n-BUTYLCYCLOPENTANE	621	27,20	0,3719	0,2592	0,4222	0,8300	2,0284	32,6715	1,67%	3,42%	1,55%	3,63%	24,24%
n-BUTYLDIHYDROPEROXIDE	565	52,10	0,8658	0,3040	0,5256	0,8212	2,9662	-18,8557	0,44%	1,13%		4,03%	8,64%
n-BUTYRIC ACID	615,7	40,60	0,6750	0,2297	0,6326	0,8677	2,2883	36,0001	1,05%			5,36%	31,16%
n-CROTYL ACETATE	585,4	33,14	0,4383	0,2578	0,6109	0,8456	1,7156	24,9299	0,76%	1,28%		2,98%	22,60%
n-DECANE	617,7	21,10	0,4923	0,2517	0,3786	0,8255	2,5740	48,7183	0,63%	1,25%	1,08%	3,09%	23,60%
n-DECYL FORMATE	672	19,90	0,7118	0,2481	0,4023	0,8196	3,1201	52,3236	0,80%		1,63%	1,68%	26,77%
n-DECYL MERCAPTAN	696	21,30	0,5874	0,2417	0,4265	0,8384	2,7461	61,7352	2,68%	2,51%	2,80%	4,48%	35,24%
n-DECYLAMINE	663	21,80	0,6664	0,2477	0,3931	0,8228	3,0498	46,8876	3,23%	4,41%	3,05%	2,90%	26,55%
n-DECYLBENZENE	753	17,70	0,6797	0,2468	0,4354	0,8284	2,9359	70,6521	3,60%	3,19%	1,85%	1,58%	36,33%
n-DECYLCYCLOHEXANE	751,25	16,50	0,6627	0,2471	0,6254	0,8239	2,1736	75,4421	2,50%	3,38%	0,56%	1,71%	38,28%
n-DODECANE	658	18,20	0,5764	0,2466	0,4299	0,8171	2,5617	65,9614	0,80%	1,22%	2,82%	2,95%	23,98%
n-DODECANOIC ACID	743	19,30	0,8983	0,2406	1,7644	1,0000	0,9472	68,5455	1,33%	1,24%	5,67%	2,13%	30,17%
n-DODECYLAMINE	696	18,80	0,7638	0,2440	0,4622	0,8242	3,0208	58,4215	6,04%	7,16%	4,36%	2,58%	31,65%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
n-DODECYLBENZENE	780	15,60	0,7333	0,2446	0,5563	0,8180	2,4936	88,1905	0,97%	2,40%	0,60%	1,62%	40,58%
n-EICOSANE	768	11,60	0,9069	0,2335	0,5596	0,8140	2,8872	140,6330	1,09%	2,24%	0,73%	1,80%	26,44%
NEOABIETIC ACID	812	16,70	0,8598		0,4693	0,8166	3,1878		0,88%	1,02%			
NEOHEXANOIC ACID	653	34,10	0,5671	0,2396	0,5961	0,8143	1,9649	38,2979	0,43%	1,41%	2,98%	6,24%	26,59%
NEOPENTANE	433,8	31,96	0,1957	0,2756	0,1821	0,8476	2,5887	11,6811	0,64%	1,99%	1,13%	2,89%	18,73%
N-ETHYL-2-METHYLALLYLAMINE	556	31,80	0,3550	0,2673	0,3511	0,8232	2,2132	19,1731	0,60%	1,73%	3,62%	2,28%	14,91%
N-ETHYLANILINE	698,55	35,80	0,4149	0,2522	0,2587	0,8115	2,7998	34,8546	0,39%	1,10%		4,13%	18,76%
N-ETHYLMORPHOLINE	617	36,83	0,3327		0,4968	0,8459	1,7451		0,80%	1,44%			
n-HENEICOSANE	778	11,10	0,9420	0,2315	0,5191	0,8173	3,1709	153,5489	2,02%	2,28%	1,42%	1,71%	26,88%
n-HEPTACOSANE	826	8,83	1,2136	0,2265	0,6766	0,8193	3,1268	205,7583	2,33%		1,02%	1,58%	28,32%
n-HEPTADECANE	736	13,40	0,7697	0,2364	0,5331	0,8075	2,6166	117,2450	0,25%	0,55%	0,17%	2,57%	26,58%
n-HEPTADECYLBENZENE	826	12,10	0,9195	0,2374	0,6550	0,8237	2,5996	130,0828	1,55%	1,17%	1,02%	1,82%	46,82%
n-HEPTANE	540,2	27,40	0,3495	0,2602	0,3529	0,8368	2,2644	27,8526	0,48%	1,61%	3,16%	3,73%	21,16%
n-HEPTANOIC ACID	677,3	30,43	0,7599	0,2495	0,6874	0,8105	2,1088	32,0655	0,92%	2,27%		1,68%	25,49%
n-HEPTYL ACETATE	637	23,30	0,5943	0,2552	0,3880	0,8301	2,9014	36,4577	0,43%	2,67%	2,45%	1,48%	31,85%
n-HEPTYL FORMATE	628	25,40	0,5337	0,2525	0,3250	0,8261	2,9812	38,2995	2,49%	1,59%	1,69%	2,52%	30,96%
n-HEPTYL MERCAPTAN	645	27,70	0,4226	0,2534	0,3490	0,8401	2,5698	37,8125	2,19%	1,98%	2,51%	3,76%	30,65%
n-HEPTYLAMINE	607	28,50	0,5077	0,2553	0,2948	0,8238	3,0303	29,8627	2,80%	3,67%	2,03%	3,33%	18,98%
n-HEPTYLBENZENE	714	21,80	0,5272	0,2504	0,3771	0,8364	2,7813	55,0342	4,36%	4,32%	2,01%	2,22%	31,59%
n-HEXADECANE	819	9,10	1,1544	0,2267	0,6098	0,8135	3,2596	201,1113	2,51%		1,30%	1,53%	28,83%
n-HEXADECANE	723	14,00	0,7174	0,2366	0,5435	0,8042	2,4387	113,3416	0,26%	0,69%	0,27%	3,00%	26,72%
n-HEXADECANOIC ACID	785	14,90	0,9919	0,2348	2,0172	1,0000	0,8844	104,2859	5,22%		7,88%	2,19%	33,58%
n-HEXADECYLBENZENE	818	12,70	0,8996	0,2414	0,6736	0,8252	2,4908	113,2628	0,34%	0,81%	1,10%	2,00%	46,65%
n-HEXANE	507,6	30,25	0,3013	0,2633	0,2982	0,8491	2,4179	22,0561	0,98%	1,66%	2,69%	3,97%	19,41%
n-HEXANOIC ACID	660,2	33,08	0,7330	0,2397	1,5794	1,0000	0,9374	37,4155	0,24%			4,50%	26,40%
n-HEXYL ACETATE	618	25,40	0,5396	0,2550	0,3604	0,8317	2,8706	33,8382	1,06%	3,28%	2,40%	1,95%	29,65%
n-HEXYL FORMATE	607	28,00	0,4830	0,2504	0,2721	0,8201	3,0652	35,9236	0,51%	2,92%	0,90%	4,40%	27,80%
n-HEXYL MERCAPTAN	623	30,80	0,3681	0,2559	0,3799	0,8402	2,2280	32,1096	1,61%	1,92%	2,36%	4,21%	28,27%
n-HEXYLAMINE	584	31,80	0,4577	0,2570	0,2618	0,8234	3,0378	25,0393	2,13%	4,32%	1,73%	3,88%	15,77%
n-HEXYLBENZENE	698	23,80	0,4790	0,2518	0,4098	0,8372	2,4671	48,5841	2,13%	2,83%	1,90%	2,94%	28,87%
NIACIN	760	46,40	0,5958		0,3570	0,8241	3,0232		0,56%	1,57%			
NICKEL CARBONYL	452,55	30,40	0,4631	0,2738	0,3660	0,8439	2,6501	5,9689	4,43%		0,38%	1,95%	16,18%
NICOTINONITRILE	703	41,20	0,4215	0,2272	0,4329	0,8499	2,2645	51,6450	1,32%	1,96%	2,73%	6,82%	22,46%
NITROETHANE	593	51,60	0,3803	0,2412	0,3738	0,8610	2,3821	28,2597	5,83%	5,21%	3,82%	5,28%	22,98%
NITROGEN	126,2	34,00	0,0377	0,2908	0,1901	0,8900	2,0107	1,3475	0,31%	1,66%	3,91%	2,98%	13,80%
NITROGEN TRIFLUORIDE	234	44,61	0,1200	0,2779	0,4284	0,8671	1,3232	4,7535	0,32%	0,68%		4,21%	18,43%

Name	T <sub>e</sub> / K	P <sub>e</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:					
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>	
NITROGEN TRIOXIDE	425	69,90	0,4312		0,2776	0,8290	2,9133		0,51%					
NITROMETHANE	588,15	63,10	0,3480	0,2310	0,3693	0,8659	2,3124	28,5796	3,93%	5,11%	2,73%	6,32%	32,80%	
NITROSYL CHLORIDE	440,65	91,20	0,3005	0,3061	0,5561	0,9242	1,6649	-5,9067	2,04%	2,12%	0,89%	0,59%		
NITROUS OXIDE	309,57	72,45	0,1409	0,2753	0,3111	0,8132	1,5587	4,3989	1,04%	1,87%	0,07%	3,23%	17,07%	
N-METHYL-2-PYRROLIDONE	721,6	45,20	0,3732	0,2407	0,3526	0,8543	2,4813	38,2720	1,28%	4,27%		5,86%	30,38%	
N-METHYLACETAMIDE	718	49,80	0,4351	0,2239	0,2870	0,8304	2,8965	46,2710	0,83%	1,90%		7,33%	32,33%	
N-METHYLANILINE	701,55	52,00	0,4750	0,2883	0,5273	0,8784	2,1485	-4,6745	2,81%	2,39%		1,58%	1,50%	
N-METHYLCYCLOHEXYLAMINE	622	34,90	0,3855	0,2654	0,3115	0,8355	2,5990	18,7598	0,75%	1,58%		2,74%	20,91%	
N-METHYLFORMAMIDE	721	56,20	0,4100	0,2062	0,5979	0,8466	1,6832	53,3193	0,75%	1,63%		11,34%	40,58%	
N-METHYL PYRROLE	610	47,70	0,2128	0,2710	1,4269	0,9775	0,5391	17,3192	0,80%	1,04%	1,01%	1,34%	19,12%	
N-METHYL PYRROLIDINE	550	42,00	0,2258	0,2755	0,6097	0,8778	1,2619	10,3670	0,74%	1,29%		3,41%	17,52%	
N-METHYL THIOPYRROLIDONE	869	43,20	0,2381		0,4797	0,8633	1,5593		0,30%	1,45%				
N-NITROSODIETHANOLAMINE	887,1	48,36	0,9833	0,2424	0,6459	0,8345	2,8170	28,4563	0,93%			1,84%	29,71%	
N-NITROSODIMETHYLAMINE	661	48,90	0,2738	0,2284	0,6320	0,8340	1,2792	45,4824	0,83%	2,02%	0,29%	8,49%	28,07%	
n-NONADECANE	758	12,10	0,8522	0,2334	0,5824	0,8026	2,6145	137,9881	0,95%	1,22%	0,36%	2,32%	26,84%	
n-NONANE	594,6	22,90	0,4435	0,2544	0,4046	0,8255	2,3023	41,4328	0,29%	0,93%	0,94%	3,28%	23,08%	
n-NONANOIC ACID	710,7	25,14	0,7787	0,2507	1,6788	0,9835	0,9097	40,7316	0,58%	0,49%		1,51%	27,18%	
n-NONYL ACETATE	661	19,90	0,7036	0,2553	0,4616	0,8194	2,8040	40,4816	0,38%	0,71%	2,02%	1,55%	34,78%	
n-NONYL FORMATE	656	21,40	0,6504	0,2507	0,3697	0,8204	3,1030	45,5670	0,86%			1,39%	1,87%	25,82%
n-NONYL MERCAPTAN	681	23,10	0,5260	0,2491	0,3985	0,8250	2,5968	49,8716	4,13%	4,38%	2,71%	3,24%	34,36%	
n-NONYL n-UNDECYL PHTHALATE	914,6	9,95	0,9080		0,6203	0,8378	2,7576		0,69%					
n-NONYLAMINE	648	23,60	0,6171	0,2530	0,3691	0,8241	3,0237	38,5157	3,02%	5,29%	2,95%	2,06%	25,21%	
n-OCTACOSANE	832	8,50	1,2375	0,2256	0,6633	0,8149	3,2252	217,2250	3,45%	3,01%	1,47%	1,60%	29,30%	
n-OCTADECANE	747	12,70	0,8114	0,2347	0,5664	0,8054	2,5832	128,1272	0,57%	0,84%	0,15%	2,47%	26,22%	
n-OCTADECYLBENZENE	834	11,60	0,9505	0,2346	0,5587	0,8230	3,0461	142,6682	1,44%	1,38%	1,75%	1,66%	47,99%	
n-OCTANE	568,7	24,90	0,3996	0,2569	0,3597	0,8321	2,3840	34,8744	0,58%	1,14%	1,00%	3,38%	23,07%	
n-OCTANOIC ACID	694,26	27,79	0,7734	0,2466	0,6388	0,7999	2,2377	37,8278	0,96%	1,73%		2,58%	25,15%	
n-OCTYL ACETATE	652	21,50	0,6558	0,2525	0,5209	0,8071	2,3879	41,9332	1,82%			0,80%	1,67%	33,09%
n-OCTYL FORMATE	645	23,30	0,5871	0,2520	0,3435	0,8217	3,0740	41,2146	6,13%			0,96%	1,90%	32,72%
n-OCTYL MERCAPTAN	667,3	25,20	0,4497	0,2509	0,3790	0,8329	2,4751	45,5545	1,39%	1,54%	2,45%	3,77%	32,88%	
n-OCTYLAMINE	627	25,80	0,5694	0,2552	0,3411	0,8245	3,0149	32,7358	2,41%	4,61%	2,58%	2,34%	22,29%	
n-OCTYLBENZENE	729	20,20	0,5670	0,2482	0,3804	0,8317	2,8713	62,5268	3,08%	3,25%	1,94%	2,19%	33,38%	
NONANAL	658,5	26,80	0,4733	0,2627	1,2157	0,9901	0,9669	27,0745	0,86%	2,10%		2,32%	20,42%	
NONYLPHENOL	770	20,70	0,8795	0,2446	0,4051	0,8042	3,4926	52,8635	2,06%	1,31%		1,94%	29,20%	
n-PENTADECANE	708	14,80	0,6863	0,2384	0,5292	0,8044	2,4124	102,3182	0,27%	2,05%	0,27%	3,06%	26,26%	
n-PENTADECANOIC ACID	774	15,70	0,9639	0,2345	1,9167	1,0000	0,9191	99,2306	5,65%			7,17%	2,18%	33,10%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
n-PENTADECYLBENZENE	809	13,30	0,8567	0,2421	0,6086	0,8242	2,6216	107,3728	0,65%	1,29%	1,27%	1,86%	44,81%
n-PENTANE	469,7	33,70	0,2515	0,2679	0,2950	0,8513	2,2388	16,2371	0,56%	1,19%	1,43%	3,97%	18,22%
n-PENTANOIC ACID	639,16	36,30	0,7066	0,2357	0,4970	0,8100	2,6105	36,6779	0,32%		4,72%	28,95%	
n-PENTYL ACETATE	599,9	27,70	0,4478	0,2540	0,2855	0,8289	2,9261	34,1645	1,79%	2,09%	1,23%	3,39%	28,07%
n-PENTYL MERCAPTAN	598	34,70	0,3207	0,2624	0,4116	0,8330	1,9107	23,7713	1,87%	1,86%	1,87%	3,37%	26,42%
n-PENTYLAMINE	555	35,80	0,4070	0,2607	0,2328	0,8243	3,0189	19,7656	1,81%	4,47%	0,98%	3,85%	12,30%
n-PENTYLBENZENE	679,9	26,04	0,4378	0,2534	0,5579	0,8264	1,7886	43,0288	3,81%		1,03%	3,82%	23,74%
n-PENTYLCYCLOHEXANE	669,2	23,85	0,4612	0,2586	0,4880	0,8600	2,2062	36,6263	0,70%	1,71%		2,30%	22,89%
n-PROPYL ACETATE	549,73	33,60	0,3889	0,2531	0,5310	0,8167	1,7088	28,7630	1,11%	1,31%	0,71%	4,52%	23,09%
n-PROPYL ACRYLATE	569	32,50	0,4315	0,2597	0,5746	0,8362	1,7657	23,0542	0,80%	1,16%		2,93%	22,92%
n-PROPYL FORMATE	538	40,20	0,3088	0,2567	0,5920	0,7951	1,3482	22,9857	1,38%	1,73%	0,71%	5,18%	22,08%
n-PROPYL IODIDE	586,3	41,52	0,2230	0,2521	0,8939	0,9835	0,9230	29,8883	0,44%	1,42%		6,60%	20,09%
n-PROPYL ISOBUTYRATE	579,4	28,40	0,4838	0,2650	0,3326	0,8150	2,6916	19,1935	0,57%	2,42%	1,96%	1,73%	23,58%
n-PROPYL MERCAPTAN	536,6	46,30	0,2318	0,2689	0,2976	0,8448	2,0908	13,6297	1,99%	2,07%	1,97%	3,76%	21,09%
n-PROPYL METHACRYLATE	599	29,10	0,3966	0,2582	0,2547	0,8298	2,9065	31,0089	1,69%	2,11%		2,67%	26,05%
n-PROPYL n-BUTYRATE	593,7	27,20	0,4335	0,2535	0,4659	0,8062	1,9682	36,3085	0,46%	3,99%	0,30%	3,71%	28,65%
n-PROPYL PROPIONATE	568,6	30,60	0,4487	0,2564	0,2961	0,8313	2,8791	26,9616	0,33%	3,33%	6,04%	3,13%	25,46%
n-PROPYLAMINE	496,95	47,40	0,2798	0,2636	1,0718	0,8312	0,8052	14,7560	1,14%	4,15%	1,22%	4,89%	6,08%
n-PROPYLBENZENE	638,35	32,00	0,3444	0,2634	0,4751	0,8364	1,7970	26,6533	0,81%	1,09%	1,70%	2,38%	19,59%
n-PROPYLBENZENE HYDROPEROXIDE	746,8	32,90	0,9058		0,5550	0,8242	2,9589		0,69%	1,52%			
n-PROPYLCYCLOHEXANE	639,15	28,07	0,2595	0,2608	1,3190	1,0000	0,6410	36,5436	1,35%	1,42%	0,72%	4,62%	24,64%
n-PROPYLCYCLOPENTANE	596	30,20	0,3266	0,2623	0,5412	0,8376	1,5753	26,3840	1,38%	1,57%	1,68%	4,15%	21,63%
n-TETRACOSANE	804	9,80	1,0710	0,2284	0,5559	0,8124	3,2859	183,0294	1,34%	2,48%	0,97%	1,54%	28,26%
n-TETRADECANE	693	15,70	0,6430	0,2401	0,5090	0,8079	2,3926	92,7429	0,32%	1,05%	0,33%	3,18%	26,04%
n-TETRADECANOIC ACID	763	16,40	0,9535	0,2334	1,9271	1,0000	0,9059	96,4996	5,25%		6,47%	2,63%	34,03%
n-TETRADECYLAMINE	722	16,60	0,8609	0,2415	1,0027	0,8104	1,7296	70,1646	8,82%		1,04%	2,15%	35,15%
n-TETRADECYLBENZENE	800	14,00	0,8130	0,2428	0,6255	0,8234	2,4628	101,1496	1,01%	1,41%	1,18%	1,75%	43,94%
n-TRICOSANE	796	10,20	1,0262	0,2293	0,5437	0,8142	3,2430	173,8344	1,11%	2,40%	1,50%	1,58%	27,50%
n-TRIDECANE	675	16,80	0,6174	0,2433	0,4659	0,8143	2,5169	78,4645	0,41%	0,91%	0,25%	2,97%	25,31%
n-TRIDECANOIC ACID	754	17,90	0,9134	0,2380	1,8236	1,0000	0,9275	79,8725	3,41%	3,03%	5,99%	2,16%	31,35%
n-TRIDECYLBENZENE	790	14,80	0,7799	0,2440	0,5467	0,8203	2,6617	92,5333	1,63%	2,02%	1,20%	1,66%	41,80%
n-UNDECANE	639	19,50	0,5303	0,2488	0,4782	0,8122	2,2228	58,4006	1,07%	1,33%	0,55%	3,21%	24,06%
n-UNDECANOIC ACID	732	20,90	0,8531	0,2426	1,7694	1,0000	0,9104	60,6117	0,94%	1,01%	4,72%	2,15%	29,09%
n-UNDECYLBENZENE	764	16,72	0,7287	0,2469	0,4628	0,8275	2,9531	73,1556	4,82%	3,60%	2,27%	1,55%	37,47%
o-ANISIDINE	736	42,40	0,4447	0,2547	0,2920	0,8302	2,8990	27,2180	2,14%	3,15%		3,18%	23,33%
o-CHLOROANILINE	722	45,90	0,4213	0,2578	0,3928	0,8566	2,4470	22,5683	3,23%	3,59%		3,14%	13,57%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
o-CHLOROBENZOIC ACID	792	40,30	0,6637		0,4736	0,8200	2,6482		0,76%				
o-CHLORONITROBENZENE	757	39,80	0,4864	0,2497	1,2560	0,9711	0,9344	36,5292	5,40%		0,26%	3,14%	13,57%
o-CHLOROPHENOL	675	50,00	0,4372	0,2744	0,5211	0,8883	2,0307	6,7952	5,79%	6,68%		1,54%	13,03%
o-CHLOROTOLUENE	656	39,10	0,3044	0,2587	0,3394	0,8439	2,2003	26,1343	0,49%	0,82%		4,51%	23,97%
o-CRESOL	697,55	50,10	0,4339	0,2688	0,2428	0,8226	3,0544	9,7797	1,55%	1,67%	1,87%	2,95%	33,37%
OCTADECAMETHYLOCTASILOXANE	688,9	6,24	0,9837	0,2533	1,0056	0,8652	1,8757	129,3124	0,21%	0,52%		4,30%	18,80%
OCTAFLUORO-2-BUTENE	392	23,30	0,2922	0,2417	0,2936	0,8551	2,4703	39,4919	1,11%	1,66%	1,84%	8,74%	22,99%
OCTAFLUOROCYCLOBUTANE	388,37	27,77	0,3558	0,2719	0,2295	0,8303	2,8936	10,6143	0,22%	1,50%	0,29%	2,33%	16,04%
OCTAFLUOROPROPANE	345,05	26,80	0,3280	0,2780	0,9392	0,9965	1,0573	5,5754	0,30%			2,06%	17,48%
OCTAHYDRO-PENTALENE-1-CARBOXYLIC ACID	799,5	33,37	0,6928		0,6214	0,8629	2,3548		1,01%				
OCTAMETHYLCYCLOTETRASILOXANE	586,5	13,17	0,5837	0,2572	0,5695	0,7600	1,9232	56,5328	0,59%	1,32%		2,53%	19,66%
OCTAMETHYLTRISILOXANE	564,4	14,60	0,5377	0,2667	0,3551	0,8304	2,8956	30,1784	1,25%	2,13%		1,30%	19,95%
OCTANAL	638,9	29,60	0,4420	0,2667	1,0413	0,9547	1,0996	20,2245	0,85%	1,08%		1,97%	18,44%
o-CYMENE	657	29,00	0,3662	0,2566	1,1259	1,0000	0,9065	36,8862	0,76%	1,00%		3,88%	20,61%
o-DICHLOROBENZENE	705	40,70	0,2192	0,2553	1,6310	1,0000	0,4680	35,3958	0,76%	1,05%		5,56%	26,69%
o-DIETHYLBENZENE	668	28,80	0,3395	0,2534	1,3037	1,0000	0,7383	43,2293	0,74%	1,54%	0,26%	4,70%	19,44%
o-ETHYLANILINE	704	37,40	0,4620	0,2594	0,9829	0,9157	1,1804	26,2592	0,64%	0,56%		1,79%	16,30%
o-ETHYLPHENOL	703	42,90	0,4763	0,2770	0,2749	0,8237	3,0322	5,6046	3,30%	3,71%	3,40%	1,36%	27,79%
o-ETHYLSTYRENE	666,7	29,36	0,3962	0,2497	0,7102	0,8673	1,4457	44,0385	0,79%	0,94%		4,28%	26,69%
o-ETHYLtolUENE	650	32,90	0,3353	0,2605	0,4465	0,8317	1,8487	29,1441	0,37%	0,78%		3,33%	21,41%
OLEIC ACID	781	13,90	1,1822	0,2349	0,7477	0,8258	2,7966	93,8205	0,40%	0,39%		1,75%	46,34%
o-METHYLSTYRENE	659	34,70	0,3412	0,2594	0,5903	0,8303	1,4954	29,1521	0,27%	0,48%		3,56%	22,16%
o-NITROANISOLE	782	37,60	0,5613	0,2444	0,5667	0,8308	2,0922	41,2944	0,79%	1,07%		3,08%	26,80%
o-NITRODIPHENYLAMINE	835	28,70	0,7669		0,7238	0,8734	2,2127		0,82%				
o-NITROTOLUENE	720	38,00	0,4878	0,2536	0,5159	0,8732	2,2151	32,1651	3,53%	3,33%		1,71%	11,78%
o-PHENYLENEDIAMINE	781	51,80	0,5389	0,2509	0,5077	0,8329	2,2341	24,6568	0,56%	1,05%		2,82%	24,83%
o-TERPHENYL	857	29,90	0,5513	0,2889	0,3325	0,8252	2,9995	-11,1374	4,53%	4,37%		2,03%	10,19%
o-TOLUALDEHYDE	694	36,70	0,4346	0,2453	0,4295	0,8615	2,3689	39,8726	0,36%			3,89%	25,44%
o-TOLUIC ACID	751	38,60	0,6572	0,2468	0,3710	0,8195	3,1210	32,9003	0,69%	1,18%		2,41%	27,54%
o-TOLUIDINE	716,5	47,00	0,3842	0,2691	0,2958	0,8319	2,6207	14,3423	2,37%	1,53%	2,81%	1,74%	17,42%
OXAZOLE	554	63,20	0,2310		0,4956	0,8821	1,5521		1,78%	3,21%			
OXYGEN	154,58	50,43	0,0222	0,2899	0,2128	0,9011	1,8652	1,3486	0,35%	1,45%	4,95%	3,74%	13,90%
o-XYLENE	630,3	37,32	0,3101	0,2611	0,3355	0,8551	2,3172	23,8703	0,41%	1,61%	0,74%	3,96%	20,06%
OZONE	261	55,70	0,2119	0,2505	0,2147	0,8538	2,4890	9,9921	2,05%	5,31%	11,39%	8,08%	34,69%
p,α-DIMETHYLBENZYL ALCOHOL	695,9	34,92	0,5945	0,2614	0,5568	0,8338	2,2182	18,9779	0,79%	1,87%		1,51%	23,17%
p-AMINOAZOBENZENE	877	29,00	0,6345		0,4065	0,8212	2,8739		0,67%	1,05%			

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
p-AMINODIPHENYL	867	32,90	0,5419		0,8779	0,9315	1,4925		0,27%				
p-AMINODIPHENYLAMINE	867	31,90	0,6940		0,5451	0,8226	2,4603		0,72%	0,90%			
PARALDEHYDE	579	35,00	0,4368	0,2792	0,1774	0,8096	3,3533	3,5612	2,10%	3,35%	2,43%	1,57%	24,64%
p-BROMOTOLUENE	699	43,70	0,3179	0,2813	0,9981	1,0000	0,9677	5,7178	0,98%	1,70%		1,23%	15,46%
p-CHLOROANILINE	754	45,90	0,4210	0,2561	0,3627	0,8371	2,4850	26,4629	0,60%	1,36%		2,58%	17,80%
p-CHLOROBENZOTRIFLUORIDE	601	30,10	0,3715	0,2495	0,6284	0,8539	1,5344	38,5583	0,70%	1,18%		5,04%	29,03%
p-CHLORONITROBENZENE	751	39,80	0,4874	0,2407	0,8033	0,8596	1,4424	41,3233	1,15%	1,68%	0,76%	5,52%	11,49%
p-CHLOROPHENOL	738	53,20	0,4849	0,2743	0,6450	0,9043	1,8567	6,9338	3,34%	3,61%		1,10%	16,16%
p-CHLOROTOLUENE	660	39,10	0,3123	0,2610	0,2615	0,8446	2,6378	24,0891	0,63%	1,44%		3,85%	23,26%
p-CRESOL	704,65	51,50	0,5072	0,2697	0,3122	0,8268	2,9665	5,4840	5,22%	5,10%	3,46%	2,72%	34,92%
p-CUMYLPHENOL	834	28,60	0,6888	0,2679	0,3672	0,8159	3,2041	16,8588	1,23%	1,92%	1,73%	1,24%	12,56%
p-CYMENE	652	28,00	0,3738	0,2559	0,4670	0,8424	1,9392	38,0849	1,00%	2,69%	2,11%	3,62%	22,19%
p-DICHLOROBENZENE	684,75	40,70	0,2846	0,2607	0,3370	0,8276	2,0419	26,4825	0,44%	1,27%	3,90%	3,46%	25,30%
p-DIETHYLBENZENE	657,9	28,03	0,4028	0,2550	0,6567	0,8413	1,5127	39,2059	1,73%	2,51%	2,03%	3,53%	23,00%
p-DIISOPROPYLBENZENE	689	24,50	0,3900	0,2577	1,5491	1,0000	0,6522	43,1548	0,65%	1,03%		4,00%	23,12%
p-DIISOPROPYLBENZENE HYDROPEROXIDE	810	24,90	0,9279	0,2472	0,6868	0,8234	2,5041	43,9800	1,36%	1,01%	2,62%	1,56%	28,19%
p-DIMETHYLAMINOBENZALDEHYDE	832	30,70	0,5272	0,2258	0,6664	0,8999	1,9018	81,9692	1,86%	3,92%		5,15%	42,07%
p-DIVINYLBENZENE	691,5	30,77	0,3830	0,2473	0,3714	0,8412	2,3373	47,0444	0,65%	1,84%		4,22%	24,63%
PENTACHLOROETHANE	665	36,80	0,2455	0,2523	0,4624	0,8764	1,6835	36,6930	1,17%			5,68%	25,78%
PENTACHLOROFLUOROETHANE	624	33,40	0,2450	0,2522	0,1744	0,8356	2,7974	38,5768	0,73%	2,68%		4,23%	25,45%
PENTAETHYLENE GLYCOL DIMETHYL ETHER	769,8	16,67	1,1388	0,2420	0,6904	0,8281	2,9421	68,3967	1,19%			3,45%	47,56%
PENTAFLUORO(TRIFLUOROMETHYL)SULFUR	381,3	33,71	0,2796	0,2973	0,5850	0,9024	1,4993	-6,7520	0,15%	0,84%		0,99%	10,43%
PENTAFLUOROETHANE	339,165	36,20	0,3053	0,2669	0,2829	0,8505	2,5417	10,3482	0,60%	1,33%	6,02%	3,16%	18,00%
PENTAFLUOROETHYL METHYL ETHER	406,83	28,87	0,3535	0,2568	0,4880	0,8500	1,8446	22,7122	0,59%	1,58%		3,79%	22,33%
PENTAFLUOROETHYL TRIFLUOROVINYL ETHER	401	28,00	0,4493		0,6253	0,8464	1,7071		0,75%	1,34%			
PENTAFLUOROPHENOL	609	40,00	0,5030	0,2630	0,3647	0,8370	2,7719	15,9482	2,41%	4,15%		1,77%	19,06%
PENTAMETHYLBENZENE	719,15	28,70	0,4637	0,2561	0,6634	0,8834	1,7308	38,0079	0,51%	0,88%	1,38%	2,21%	22,02%
PENTANAL	566,1	38,45	0,3132	0,2567	1,0194	1,0000	0,9608	23,8430	4,02%	1,11%		4,96%	22,75%
PERCHLORIC ACID	631	38,60	0,0498	0,1701	0,0793	0,8503	2,4935	108,8243	0,63%			35,18%	104,90%
PERCHLORYL FLUORIDE	368,4	53,70	0,1726	0,2822	0,2817	0,8573	1,9839	3,9437	0,48%	1,56%	8,01%	2,50%	15,64%
PERFLUOROBUTANOIC ACID	530	26,50	0,7925	0,2413	0,3134	0,7975	3,6765	37,0176	0,52%			2,35%	29,00%
PERFLUOROMETHYLCYCLOPENTANE	451,437	21,72	0,4111	0,2667	0,2486	0,8261	2,9823	19,5525	0,57%	1,63%		2,58%	20,73%
PERFLUORO-n-DODECANE	570,5	9,72	0,6209		0,5459	0,8418	2,3520		0,69%				
PERFLUORO-n-HEPTANE	475,65	16,10	0,5429	0,2557	0,7311	0,8404	1,6564	40,6971	0,52%	0,79%		2,77%	18,30%
PERFLUORO-n-HEXADECANE	620,8	6,35	0,6461	0,1964	0,6668	0,8700	2,1053	424,5324	0,54%			5,77%	42,70%
PERFLUORO-n-HEXANE	449,55	18,02	0,4965	0,2628	0,5341	0,8207	1,9880	27,1619	0,13%	1,63%		1,86%	17,98%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
PERFLUORO-n-NONANE	523,9	12,96	0,5253	0,2448	0,4612	0,8315	2,3620	80,7851	0,67%			3,35%	26,31%
PERFLUORO-n-OCTANE	502,2	14,78	0,5084	0,2536	0,2302	0,8094	3,3591	52,0713	1,69%	2,72%		2,99%	23,83%
PERFLUORO-n-PENTANE	423,1	20,47	0,4016	0,2663	1,3752	1,0000	0,7602	20,7250	0,50%	0,71%		2,92%	19,79%
p-ETHYLPHENOL	716,45	42,90	0,5154	0,2691	1,0907	0,8283	1,0927	11,1672	0,74%	3,01%	1,30%	2,25%	20,77%
p-ETHYLSTYRENE	674	29,36	0,3965	0,2529	0,6573	0,8627	1,5467	41,4631	0,70%	0,93%		3,06%	29,86%
p-ETHYLTOLUENE	640,2	32,30	0,3666	0,2670	0,6714	0,8535	1,4165	22,5535	2,93%	2,96%	2,86%	1,64%	23,36%
PHENANTHRENE	869	29,00	0,4707	0,2221	0,4169	0,8531	2,5003	93,0340	1,59%	2,01%	1,15%	8,04%	33,11%
PHENETOLE	647,15	34,20	0,4179	0,2546	0,3259	0,8413	2,6939	30,4892	1,42%	2,44%		3,24%	26,65%
PHENOL	694,25	61,30	0,4435	0,2754	0,2584	0,8250	3,0049	3,1734	4,19%	4,13%	4,74%	2,12%	35,68%
PHENOTHAZINE	923	40,01	0,5796		0,3428	0,8231	3,0443		0,61%	1,18%			
PHENYL ISOCYANATE	653	40,60	0,4123	0,2615	0,5305	0,8910	1,9999	21,9463	2,47%	3,03%		1,49%	14,54%
PHENYL MERCAPTAN	689	47,40	0,2628	0,2675	0,3018	0,8238	2,1087	17,9853	1,95%	2,17%	0,89%	2,94%	22,18%
PHENYLACETONITRILE	732	34,60	0,4715	0,2273	1,0278	0,9847	1,1729	62,5777	1,34%	1,13%		7,07%	33,95%
PHENYLHYDRAZINE	761	49,10	0,5351	0,2583	0,6200	0,8889	2,0229	21,8698	6,95%			1,29%	2,47%
PHENYLMETHYLDICHLOROSILANE	689	28,70	0,4022	0,2664	0,4236	0,8389	2,1651	26,8889	0,39%	0,64%		1,42%	25,68%
PHENYLTRICHLOROSILANE	688	29,60	0,3956	0,2637	0,4595	0,8498	2,0611	27,5332	0,46%	0,96%		1,98%	23,58%
PHOSGENE	455	56,74	0,2013	0,2788	0,3192	0,8413	1,8410	5,2701	1,45%	1,78%	1,79%	3,61%	14,19%
PHOSPHINE	324,75	65,40	0,0452	0,3001	0,2627	0,9126	1,7734	-0,5545	1,40%	2,97%		0,90%	22,28%
PHOSPHORUS (RED)	993,75	83,29	0,0051		0,3172	0,9523	1,4272		0,14%				
PHOSPHORUS OXYCHLORIDE	602,15	34,40	0,0832	0,2108	1,6849	1,0000	0,3562	78,3635	4,16%		0,17%	14,05%	102,37%
PHOSPHORUS TRICHLORIDE	563,15	56,70	0,2344	0,2971	0,2742	0,8671	2,2959	-3,1339	4,54%	3,99%	2,54%	1,27%	7,08%
PHOSPHORUS TRIFLUORIDE	271,1	43,27	0,2121	0,2804	0,1923	0,8479	2,5827	3,5862	2,47%	4,86%	2,53%	2,84%	14,53%
PTHALAN	700	42,85	0,3715	0,2598	0,3051	0,8441	2,6463	23,1845	0,66%	3,43%		3,07%	20,60%
PHTHALIC ACID	800	39,50	1,0585		0,5641	0,8149	3,2253		1,07%	0,95%			
PHTHALIDE	830,9	50,95	0,5360	0,2665	0,6221	0,8889	2,0234	13,6863	5,21%			1,14%	16,88%
p-HYDROQUINONE	838,8	58,91	0,4858	0,2455	0,2808	0,6941	2,2085	29,6744	0,48%			4,30%	25,41%
p-HYDROXYBENZALDEHYDE	844	49,90	0,6172	0,2395	0,8814	0,9293	1,6194	34,2043	0,56%	0,90%		4,37%	20,38%
PIMELIC ACID	842	32,80	0,8114	0,2459	0,3600	0,7423	3,0235	47,2873	0,73%			1,56%	37,23%
PIPERAZINE	638	55,30	0,4138		0,2654	0,8291	2,9133		0,56%	1,69%			
PIPERIDINE	594,05	46,51	0,2428	0,2730	1,1014	0,9997	0,7590	12,1064	0,61%	0,95%	3,01%	3,30%	11,00%
p-ISOPROPENYL PHENOL	742,7	39,36	0,5236		0,3783	0,7954	2,4973		0,70%	1,51%			
p-METHANE HYDROPEROXIDE	711	29,50	0,9007	0,2794	0,5222	0,8203	3,0681	-12,1537	0,81%	1,03%		1,95%	22,99%
p-METHYLSTYRENE	665	33,60	0,3175	0,2664	0,8853	0,8760	1,0385	28,5418	0,54%	0,95%	0,56%	1,41%	20,64%
p-NITROANILINE	851	44,20	0,7824		0,4301	0,8172	3,1722		1,11%	0,74%			
p-NITROTOLUENE	743	32,07	0,4252	0,2205	0,5541	0,8916	1,9929	78,2707	3,03%			7,33%	27,85%
p-PHENETIDINE	754	35,70	0,5351	0,2573	0,3947	0,8279	2,6563	30,9185	0,32%	1,90%		1,42%	24,31%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
p-PHENYLEDIAMINE	796	51,80	0,5386	0,2480	0,3218	0,8240	3,0242	27,6844	0,56%	1,37%		3,00%	25,62%
PROPADIENE	394	52,50	0,1041	0,2682	1,4143	0,9998	0,4285	11,8114	0,78%	1,02%		5,29%	18,90%
PROPANAL	503,6	50,38	0,2813	0,2549	0,9590	1,0000	0,9530	18,7753	0,89%	4,02%		4,58%	26,60%
PROPANE	369,83	42,48	0,1523	0,2774	0,5427	0,8811	1,1904	7,7000	0,85%	1,37%	5,41%	3,67%	16,79%
PROPARGYL ALCOHOL	588,8	61,90	0,4567	0,2405	0,5666	0,8893	2,0186	22,2074	0,71%			4,08%	27,06%
PROPARGYL CHLORIDE	541	53,00	0,1500	0,2444	0,2420	0,8583	2,1059	26,0827	0,72%	2,31%		9,88%	21,71%
PROPENYL CYCLOHEXENE	636	31,20	0,3420	0,2612	0,6703	0,8486	1,3729	28,0940	0,67%	1,30%	3,55%	3,97%	22,85%
PROPIONIC ACID	600,81	46,68	0,5796	0,2254	1,0828	0,9748	1,2519	36,3457	0,36%			6,52%	36,33%
PROPIONIC ANHYDRIDE	623	32,70	0,5599	0,2586	0,4038	0,8379	2,7551	23,7050	1,93%	2,98%	1,12%	1,34%	27,35%
PROPIONITRILE	561,3	42,60	0,3501	0,2165	0,4293	0,8788	2,1439	49,5840	3,14%	3,99%		9,97%	30,41%
PROPYL CHLORIDE	503,15	44,25	0,2150	0,2621	0,3025	0,8335	1,9476	17,8884	1,24%	2,57%	1,35%	5,38%	22,32%
PROPYLENE	364,85	46,00	0,1376	0,2782	0,3855	0,8535	1,4709	6,8923	0,68%	1,76%	2,43%	3,65%	15,10%
PROPYLENE GLYCOL 1-tert-BUTYL ETHER	600,7	27,20	0,4863	0,2553	0,5706	0,8389	1,9212	32,4660	0,68%	1,36%		2,81%	23,58%
PROPYLENE GLYCOL 2-tert-BUTYL ETHER	600,6	27,20	0,4867	0,2554	0,4159	0,8275	2,4114	32,3290	0,56%	1,53%		2,81%	23,59%
PROPYLENE GLYCOL MONOALLYL ETHER	616,6	33,76	0,4797	0,2571	1,2961	0,9210	0,9006	25,7932	0,69%	1,15%		3,16%	23,18%
PROPYLENE GLYCOL MONOMETHYL ETHER	579,8	41,13	0,4427	0,2520	1,1931	1,0000	0,9513	23,5337	1,50%	0,98%		4,31%	29,28%
PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE	597,9	30,09	0,4807	0,2548	1,3276	1,0000	0,8756	30,5148	0,84%	0,82%	1,82%	3,20%	23,56%
PROPYLENE GLYCOL n-BUTYL ETHER	624,9	27,39	0,5008	0,2485	1,0305	0,8889	1,1701	40,7484	0,85%	1,04%		4,19%	29,44%
PROPYLENEIMINE	539,9	54,79	0,2295	0,2572	0,1097	0,7781	2,5286	18,6964	0,54%			5,76%	20,57%
p-TERPHENYL	908	29,90	0,6426	0,2753	0,3599	0,8193	3,1253	5,6268	1,14%	1,56%	1,05%	0,82%	14,68%
p-tert-AMYLPHENOL	752	29,80	0,5635		0,3507	0,8266	2,9709		0,42%	0,55%			
p-tert-BUTYL ETHYLBENZENE	684	23,80	0,4347	0,2533	0,4441	0,8231	2,1159	48,2823	0,39%	0,73%	1,03%	3,51%	23,67%
p-tert-BUTYLCATECHOL	776	37,70	0,7344	0,2829	0,4605	0,8218	2,9191	-7,2329	1,05%	0,97%		1,99%	13,05%
p-tert-BUTYLPHENOL	734	33,40	0,5094	0,2652	0,2581	0,8151	3,2216	18,9553	2,02%	3,73%		2,17%	19,70%
p-tert-BUTYLSTYRENE	709	24,80	0,4216	0,2499	0,3170	0,8394	2,7285	53,8921	1,87%	2,30%	1,84%	3,79%	24,32%
p-tert-OCTYLPHENOL	765	22,80	0,6326		0,3667	0,8216	3,0763		0,55%	0,57%			
p-TOLUALDEHYDE	715,8	39,22	0,3827	0,2540	0,3427	0,8505	2,5421	31,2211	0,78%	2,04%		3,58%	23,27%
p-TOLUIC ACID	775	38,00	0,6291		0,2669	0,8025	3,4710		0,54%	1,91%			
p-TOLUIDINE	693,15	40,00	0,4722	0,2444	0,3603	0,8409	2,7021	35,0057	2,22%	3,48%	1,08%	4,33%	28,69%
p-XYLENE	616,2	35,11	0,3218	0,2581	0,2957	0,8508	2,5362	27,6054	0,54%	1,08%	5,93%	3,91%	21,38%
PYRAZINE	626	54,90	0,2030	0,2496	0,2115	0,8518	2,5201	26,7548	1,84%	2,46%		5,05%	5,57%
PYRAZOLE	734	66,00	0,2868	0,2352	0,2437	0,8444	2,6412	32,4628	0,64%	1,51%		6,75%	17,34%
PYRENE	936	26,10	0,5074		0,4627	0,8575	2,4329		2,65%	3,44%	1,65%		
PYRIDAZINE	774	54,90	0,2035	0,2242	0,4965	0,8413	1,3740	52,3062	1,17%		1,20%	10,85%	23,51%
PYRIDINE	619,95	56,30	0,2386	0,2697	0,4121	0,8252	1,6262	13,3416	0,57%	1,15%	0,84%	2,93%	14,90%
PYRIMIDINE	638	54,90	0,2105	0,2458	0,1643	0,8404	2,7107	29,1878	1,17%		1,03%	6,76%	6,89%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
PYRROLE	639,75	65,30	0,2976	0,2584	0,9157	0,8881	0,9811	15,8176	0,33%	0,93%	0,28%	5,29%	11,18%
PYRROLIDINE	568,55	56,10	0,2668	0,2767	0,4650	0,8108	1,5397	6,5268	0,23%	0,72%		3,35%	10,18%
QUINALDINE	769	33,50	0,3591	0,2426	1,3901	1,0000	0,7063	56,0628	1,81%	2,06%		6,07%	18,39%
QUINOLINE	782,15	48,60	0,3465	0,2768	0,3365	0,8564	2,4492	8,1080	1,18%	2,42%	2,85%	1,41%	18,04%
QUINONE	683	59,60	0,4945	0,2796	0,4328	0,8443	2,4362	-0,0941	0,65%	0,94%	10,75%	1,80%	9,17%
RADON	377,5	62,80	0,0000	0,2806	0,0000	0,6244	0,9530	7,6376	0,76%			4,83%	15,48%
RDX	895,2	41,60	1,0118		0,5487	0,8162	3,1956		1,09%	1,16%	1,64%		
SACCHARIN	968	57,25	0,6157		0,7433	0,8411	1,7725		1,20%	1,10%	0,99%		
SALICYLIC ACID	739	51,80	0,8512	0,2752	0,4706	0,8173	3,1715	-2,8598	1,61%	1,43%		0,80%	22,16%
SEBACIC ACID	845	25,00	0,9608	0,2338	0,7014	0,7247	2,2249	66,5845	0,88%			3,40%	39,90%
sec-BUTENYL ACETATE	563,5	33,07	0,3922	0,2636	0,8632	0,8595	1,1882	19,9471	0,76%	1,12%		3,14%	20,94%
sec-BUTYL ACETATE	561	31,70	0,3954	0,2675	1,2848	1,0000	0,8096	17,6614	0,63%	3,37%	0,36%	2,09%	21,55%
sec-BUTYL ACRYLATE	580	29,70	0,4418	0,2636	1,2865	1,0000	0,8680	21,2229	0,51%	1,02%		2,69%	21,21%
sec-BUTYL CHLORIDE	520,6	39,00	0,2907	0,2682	0,2893	0,8569	2,4431	14,3053	1,65%	2,74%	1,80%	3,54%	18,55%
sec-BUTYL FORMATE	546	35,80	0,3489	0,2636	1,2910	1,0000	0,7510	18,9263	0,45%	1,99%	2,43%	3,98%	20,17%
sec-BUTYL MERCAPTAN	554	40,60	0,2506	0,2743	0,3006	0,8496	2,1883	11,3185	1,82%	2,09%	2,08%	2,69%	19,50%
sec-BUTYLAMINE	514,3	40,00	0,2815	0,2642	0,3655	0,8225	1,9033	16,7144	0,45%	2,13%	0,49%	4,90%	9,56%
sec-BUTYLBENZENE	664,54	29,50	0,2791	0,2605	1,2340	1,0000	0,7186	35,4935	0,93%	3,66%	1,11%	4,50%	18,48%
sec-BUTYLCYCLOHEXANE	654	25,85	0,3516	0,2589	0,8722	0,9005	1,1338	38,6935	0,78%	1,10%		3,13%	28,64%
sec-BUTYL-tert-BUTYL ETHER	559,4	25,61	0,3489	0,2728	0,7489	0,8722	1,2820	16,2488	0,80%	1,36%	0,56%	2,16%	20,97%
SILANE	269,7	48,40	0,0938	0,3138	0,4312	0,9557	1,4001	-5,2683	4,01%			3,10%	20,35%
SITOSTEROL	953	11,20	1,0543		0,5853	0,8184	3,1474		1,13%	1,21%			
STIGMASTEROL	953,6	11,38	1,0631		0,5906	0,8183	3,1479		1,29%	1,65%			
STYRENE	636	38,40	0,2971	0,2612	0,7900	0,8464	1,0848	25,6853	2,91%	1,97%	0,36%	3,87%	23,11%
STYRENE GLYCOL	776,4	39,24	0,6159		0,4092	0,8232	2,8213		0,70%	1,52%			
SUBERIC ACID	843	29,70	0,8514	0,2317	0,6347	0,6705	2,0631	64,7206	0,78%			4,12%	36,47%
SUCCINIC ANHYDRIDE	811	67,30	0,5322		0,6439	0,8962	1,9417		5,31%	5,73%			
SUCCINIMIDE	858	59,70	0,4834	0,2250	0,2841	0,8133	2,9358	43,9976	0,62%			6,60%	30,74%
SUCCINONITRILE	770	35,40	0,5587	0,1781	0,3866	0,8251	2,7622	112,4766	0,75%	1,94%		15,22%	63,45%
SUCROSE	1086	26,90	0,3653	0,2213	0,3771	0,8331	2,2035	128,9169	0,65%	1,79%		13,94%	30,09%
SULFOLANE	853	50,30	0,3823	0,2355	0,3301	0,8483	2,5768	45,0809	0,54%	1,40%		6,39%	41,64%
SULFUR DIOXIDE	430,75	78,84	0,2454	0,2671	0,3840	0,8366	1,7943	6,9935	1,58%	1,17%	4,27%	3,35%	18,38%
SULFUR HEXAFLUORIDE	318,69	37,60	0,2151	0,2796	0,1845	0,8441	2,6181	5,3163	0,88%	1,60%		2,00%	15,65%
SULFUR TRIOXIDE	490,85	82,10	0,4240	0,2726	0,8633	0,0001	0,9655	7,6107	3,55%	4,93%		1,61%	24,48%
SULFURYL CHLORIDE	545	46,10	0,1764	0,2491	1,4547	0,8788	0,5008	28,9159	0,89%	1,42%		7,18%	27,66%
SYRINGOL	752,2	37,85	0,6551	0,2570	0,4390	0,8322	2,8603	22,0306	0,70%	1,40%		1,46%	24,41%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
t-BUTYL ACETOACETATE	636,5	27,73	0,5832		0,5033	0,8348	2,3840		0,74%	1,27%			
t-BUTYL HYDROPEROXIDE	552	43,40	0,6623	0,2720	0,7009	0,8274	1,9365	3,0810	0,60%	0,71%		1,13%	20,49%
TEREPHTHALDEHYDE	739	36,70	0,5832		0,3369	0,8186	3,0484		0,62%	1,59%	1,07%		
TEREPHTHALIC ACID	883,6	34,86	0,9469		0,5977	0,8291	2,9221		0,82%				
TEREPHTHALOYL CHLORIDE	755,4	38,20	0,6730	0,2701	0,4659	0,8352	2,8037	6,2814	0,73%	1,32%		1,02%	15,03%
TERPINOLENE	667	28,20	0,3762	0,2572	0,6672	0,8267	1,4183	37,7590	0,51%	1,39%	0,13%	3,49%	25,31%
tert-BUTYL ACETATE	545	31,70	0,3396	0,2667	1,2705	1,0000	0,7684	17,7058	1,35%	2,06%		3,86%	17,94%
tert-BUTYL CHLORIDE	507	39,00	0,1914	0,2796	0,1949	0,8512	2,5305	8,7260	0,79%	2,82%	0,34%	2,61%	17,19%
tert-BUTYL ETHYL ETHER	509,4	29,34	0,3162	0,2689	0,4965	0,8329	1,6610	17,7522	0,66%	1,64%		2,89%	17,62%
tert-BUTYL FORMATE	537	35,80	0,2944	0,2748	0,2114	0,8361	2,7873	12,7926	0,58%	1,97%	4,10%	1,28%	20,64%
tert-BUTYL MERCAPTAN	530	40,60	0,1914	0,2879	0,1585	0,8421	2,6809	2,9204	0,93%	2,59%	0,32%	1,81%	16,90%
tert-BUTYL METHACRYLATE	588,3	27,27	0,3977	0,2672	0,9050	0,8523	1,1406	20,5504	0,63%	1,13%		2,89%	20,03%
tert-BUTYLAMINE	483,9	38,40	0,2748	0,2689	0,3636	0,7536	1,6219	12,9977	1,06%	3,03%	2,02%	5,00%	14,76%
tert-BUTYLBENZENE	660	29,70	0,2674	0,2663	1,4085	1,0000	0,6029	30,3092	1,00%	1,70%	0,13%	2,93%	19,02%
tert-BUTYLCYCLOHEXANE	652	26,60	0,2991	0,2669	0,3785	0,8084	1,8615	30,1949	0,74%	5,32%		2,39%	27,28%
tert-BUTYLFORMAMIDE	692	35,60	0,4491	0,2371	0,4170	0,8267	2,2839	49,6367	0,73%	1,45%		4,92%	27,70%
tert-DODECYL MERCAPTAN	691	18,60	0,6098	0,2498	0,5965	0,8278	2,1052	59,5512	1,05%	1,10%	2,15%	2,36%	25,82%
tert-NONYL MERCAPTAN	659	23,40	0,4514	0,2476	0,3943	0,8073	2,2707	55,7466	0,41%	2,39%	1,43%	4,08%	24,96%
tert-OCTYL MERCAPTAN	627	25,90	0,3001	0,2629	0,3380	0,8315	2,1178	33,3545	0,59%	1,93%	0,71%	3,85%	20,52%
TETRACHLOROETHYLENE	620	44,90	0,2138	0,2646	1,1517	1,0000	0,6842	18,9588	1,19%	1,54%	0,86%	4,98%	46,67%
TETRACHLOROSILANE	507	35,90	0,2318	0,2710	0,3484	0,8160	1,7585	14,9931	0,50%	1,40%	1,76%	3,91%	15,46%
TETRADECAMETHYLHEXASILOXANE	653,2	8,04	0,7769	0,2481	1,0812	0,8590	1,4679	121,7177	1,07%	0,70%		1,76%	26,86%
TETRAETHYL LEAD	655	21,25	0,4812	0,2366	0,5133	0,8304	2,0485	71,1687	2,11%	2,22%	1,65%	7,97%	23,11%
TETRAETHYL SILANE	606	24,00	0,4002	0,2673	0,4428	0,8426	2,0957	23,6192	0,33%	1,55%	6,37%	2,44%	15,19%
TETRAETHYLENE GLYCOL	795	25,90	0,9174	0,2294	0,5309	0,8213	3,0834	65,6827	1,93%	1,98%		3,28%	39,19%
TETRAETHYLENE GLYCOL DIMETHYL ETHER	705	19,40	0,9652	0,2508	0,6939	0,8437	2,6528	43,1054	1,22%			3,39%	43,03%
TETRAETHYLENE GLYCOL MONOETHYL ETHER	732	23,60	0,9045	0,2630	0,5142	0,8199	3,1131	14,3703	0,80%	1,33%		1,60%	24,67%
TETRAETHYLENE GLYCOL MONOMETHYL ETHER	720	26,01	0,9717	0,2660	0,5542	0,8205	3,1004	6,0368	0,93%	1,28%		1,83%	24,37%
TETRAFLUOROETHYLENE	306,45	39,44	0,2265	0,2702	0,2901	0,8353	2,0567	8,6278	0,45%	1,41%	0,44%	3,58%	20,18%
TETRAFLUOROHYDRAZINE	309,35	37,10	0,2233	0,2776	0,5294	0,9427	1,5054	5,8456	5,03%	7,50%		3,00%	5,75%
TETRAHYDROFURAN	540,15	51,90	0,2254	0,2676	0,4609	0,8403	1,4945	12,8776	1,48%	2,65%	1,37%	4,63%	23,02%
TETRAHYDROPYRAN	572,04	47,71	0,2162	0,2744	0,4302	0,8543	1,6076	9,5070	0,52%	1,66%		4,22%	22,87%
TETRAHYDROTHIOPHENE	631,95	51,60	0,1996	0,2596	0,4962	0,8347	1,3374	20,8478	0,63%	1,39%	0,60%	6,73%	27,94%
TETRAMANTANE	867,7	15,51	0,2726		0,2349	0,8448	2,6344		0,59%	2,91%			
TETRAMETHYLETHYLENEDIAMINE	569	28,20	0,3915	0,2642	0,2927	0,8277	2,6545	22,6624	0,62%	1,78%	0,74%	2,88%	21,12%
TETRAMETHYLSILANE	450,4	28,14	0,2240	0,2722	0,4753	0,8181	1,4119	16,4522	0,33%	0,91%	0,56%	3,56%	19,65%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
TETRAPHENYLETHYLENE	996	17,10	0,7285		0,4105	0,8192	3,1295		0,59%	1,31%			
TETRAPHENYL METHANE	983	17,90	0,6794		0,3912	0,8116	3,0177		0,70%	1,73%	1,34%		
THIACYCLOPROPANE	547	67,80	0,1610	0,2599	0,2134	0,8625	2,3568	14,7340	0,48%	1,52%		5,80%	25,07%
THIAINDAN	759,8	37,07	0,3327	0,2425	0,5440	0,8622	1,6588	50,5066	0,56%	1,43%		5,56%	25,31%
THIOGLYCOLIC ACID	733	61,00	0,5598	0,2394	0,9534	0,9546	1,4090	27,0081	0,43%			3,50%	28,04%
THIONYL CHLORIDE	567	44,30	0,0946	0,2221	1,1494	1,0000	0,5465	51,1264	3,80%	1,89%		14,51%	45,96%
THIOPHENE	579,35	56,90	0,1970	0,2722	0,2632	0,8331	2,0214	10,9362	1,22%	1,81%	1,30%	3,71%	23,86%
THIOUREA	854	82,30	0,3586		0,2501	0,8342	2,8229		0,53%	1,53%			
THYMOL	698,25	34,08	0,7226	0,2646	0,6559	0,8656	2,3169	6,2003	2,51%			2,09%	28,82%
TIN(IV) CHLORIDE	591,85	37,44	0,2613	0,2668	0,3121	0,8201	2,0136	20,0819	0,63%	1,48%	1,49%	3,56%	19,11%
TOLUENE	591,75	41,08	0,2640	0,2641	0,3312	0,8448	2,0808	19,6570	0,52%	1,52%	0,87%	4,08%	20,12%
trans,trans-2,4-HEXADIENE	535	33,50	0,2821	0,2540	0,2226	0,8407	2,7045	29,8530	0,66%	1,67%	0,35%	5,11%	24,70%
trans-1,2-DICHLOROETHYLENE	516,5	55,10	0,2234	0,2768	0,2439	0,8602	2,3929	7,6368	3,58%	1,56%	2,86%	2,63%	12,57%
trans-1,2-DIMETHYLCYCLOHEXANE	596,15	29,38	0,2379	0,2590	0,9368	0,9057	0,8685	35,3102	0,35%	0,84%	0,34%	5,60%	14,56%
trans-1,2-DIMETHYLCYCLOPENTANE	553,15	34,45	0,2698	0,2789	0,2677	0,8542	2,4840	8,5623	0,93%	1,43%		1,63%	21,23%
trans-1,3,3,3-TETRAFLUOROPROPENE	382,51	36,62	0,3238	0,2662	0,2132	0,8313	2,8773	11,7210	1,12%	2,68%		3,28%	18,20%
trans-1,3-DICHLOROPROPENE	606,5	47,04	0,2234	0,2596	0,4610	0,7851	1,3798	22,5491	0,65%	1,91%		4,93%	20,43%
trans-1,3-DIMETHYLCYCLOHEXANE	598	29,38	0,2335	0,2598	1,3230	1,0000	0,6061	35,8366	0,43%	0,36%	0,49%	4,98%	14,82%
trans-1,3-DIMETHYLCYCLOPENTANE	553	34,45	0,2699	0,2785	0,8718	0,8830	0,9636	9,3441	2,72%	2,68%	0,68%	2,31%	20,98%
trans-1,3-HEXADIENE	521,1	33,54	0,2783	0,2595	0,2657	0,8511	2,5319	24,4498	0,56%	2,00%		4,31%	22,70%
trans-1,3-PENTADIENE	500	37,40	0,1162	0,2595	1,5655	1,0000	0,4071	26,6664	3,45%	3,05%	1,42%	6,18%	24,58%
trans-1,4-DIETHYLCYCLOHEXANE	649,9	28,17	0,3846	0,2731	0,8058	0,8849	1,2775	14,2374	0,73%	1,00%		2,10%	18,63%
trans-1,4-DIMETHYLCYCLOHEXANE	587,7	29,40	0,2548	0,2647	0,4392	0,8295	1,6173	27,8555	0,50%	1,05%	0,65%	4,01%	16,92%
trans-1,8-TERPIN	702,7	29,49	1,0818		0,6105	0,8203	3,1050		1,16%	1,59%			
trans-1-PROPYNYLBENZENE	670	33,60	0,3393	0,2553	0,6992	0,8561	1,3256	35,7454	0,83%	1,46%	1,44%	3,59%	27,00%
trans-2,2,4,6,6-PENTAMETHYL-3-HEPTENE	637,8	19,64	0,3619		0,5386	0,8470	1,7130		0,58%	1,64%			
trans-2,n-HEXYL-DECAHYDRONAPHTHALENE	777,2	18,14	0,4668		0,3544	0,8261	2,6099		0,61%	2,86%	5,56%		
trans-2-BUTENE	428,6	41,00	0,2176	0,2720	0,3341	0,8594	1,9420	10,6691	1,36%	1,32%	1,09%	3,68%	17,25%
trans-2-DECENE	619	21,80	0,4820	0,2509	0,4294	0,8139	2,2680	49,1146	0,70%	1,61%	2,24%	3,44%	25,06%
trans-2-DODECENE	663	18,90	0,5693		0,4723	0,8108	2,3437		0,73%	1,44%	3,73%		
trans-2-EICOSENE	741,8	12,21	0,8784		0,5033	0,8205	3,1008		0,89%	1,94%	7,58%		
trans-2-HEPTENE	543,1	28,50	0,3366	0,2586	0,2742	0,8432	2,6619	28,7226	0,38%	3,45%	0,19%	4,12%	24,23%
trans-2-HEXENE	509,8	31,68	0,2886	0,2623	0,4822	0,8473	1,6560	22,5498	0,54%	1,79%	0,88%	4,35%	22,74%
trans-2-METHYL-1,3-PENTADIENE	530,3	33,80	0,2477	0,2574	0,4651	0,8263	1,5321	28,3422	0,56%	1,90%		4,86%	20,98%
trans-2-NONENE	597,1	23,70	0,4304		1,0416	0,9751	1,0876		0,22%	0,82%			
trans-2-OCTENE	571,6	25,89	0,3840	0,2556	0,2907	0,8396	2,7247	35,2758	1,07%	4,68%	0,62%	3,92%	24,81%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sub>P,liq</sub> <sup>sat</sup>	v <sub>liq</sub> <sup>sat</sup>	v <sub>c</sub>
trans-2-PENTADECENE	701,6	15,67	0,6894		0,4803	0,8284	2,7404		0,57%	1,81%			
trans-2-PENTENE	474,2	36,60	0,2484	0,2709	0,4929	0,8493	1,5073	13,2990	1,04%	1,36%	1,14%	3,68%	18,01%
trans-2-PHENYLBUTENE-2	654	30,10	0,3610	0,2570	0,4315	0,8297	1,9733	34,6301	0,80%	1,68%		3,78%	22,32%
trans-3-HEPTENE	540	28,50	0,3341	0,2604	0,3833	0,8434	2,1160	27,0702	1,06%	2,36%	2,80%	3,78%	22,67%
trans-3-HEXENE	509	31,70	0,2854	0,2654	0,4091	0,8330	1,8137	20,8350	0,41%	0,67%	0,78%	3,32%	20,85%
trans-3-METHYLCYCLOHEXANOL	627	37,90	0,6806	0,2605	0,4173	0,8159	2,9225	11,3017	0,81%	1,27%	2,24%	2,86%	19,57%
trans-3-OCTENE	574	25,80	0,3438	0,2569	0,3216	0,8368	2,3885	36,2911	0,99%	2,27%	1,42%	3,90%	20,90%
trans-4-METHYLCYCLOHEXANOL	622	37,90	0,6940	0,2679	0,4420	0,8117	2,8169	5,7441	0,94%	1,22%	1,97%	1,43%	20,08%
trans-4-OCTENE	573	25,80	0,3393	0,2573	0,3383	0,8285	2,2398	36,0599	1,48%	2,10%	0,83%	4,02%	20,72%
trans-CROTONALDEHYDE	565	38,70	0,3435		0,3538	0,8606	2,3880		3,19%		6,30%		
trans-CROTONIC ACID	666	47,00	0,5708	0,2514	0,2548	0,8079	3,3963	25,7060	0,83%	1,76%		1,05%	35,93%
trans-CROTONITRILE	586	38,80	0,3977	0,2243	0,5285	0,8925	1,9820	50,0539	0,97%	1,97%		6,76%	30,68%
trans-DECAHYDRONAPHTHALENE	687	32,00	0,2993	0,2713	0,2980	0,8507	2,4223	18,7884	0,89%	2,22%	2,43%	2,83%	20,04%
trans-STILBENE	820	27,40	0,4874	0,2438	1,5884	1,0000	0,7170	64,6967	0,93%	1,86%		4,34%	25,98%
TRIALLYLAMINE	592	24,60	0,4987	0,2605	0,4679	0,8276	2,2355	27,8055	1,51%	1,79%	4,46%	2,17%	22,68%
TRIAMANTANE	834,5	18,39	0,1869		0,2171	0,8511	2,3655		0,50%				
TRIAMYLAMINE	660	15,00	0,8526	0,2488	0,6741	0,8282	2,4032	55,5523	0,60%	0,58%		1,57%	30,34%
TRIBROMOMETHANE	696	60,90	0,1561	0,2856	0,2165	0,8073	1,9144	6,1166	0,92%	1,98%	2,65%	1,67%	8,61%
TRICAPRIN	876,6	4,55	1,3974	0,1719	0,6730	0,8036	3,5072	895,8996	2,25%			7,63%	57,74%
TRICAPRYLIN	850,7	5,93	1,2174	0,1822	0,6683	0,8167	3,1844	622,9127	2,02%			6,93%	51,66%
TRICHLOROACETALDEHYDE	565	44,10	0,3323	0,2668	0,5196	0,8426	1,6699	13,7013	0,71%	1,31%		3,36%	18,53%
TRICHLOROACETIC ACID	688	48,10	0,5490	0,2630	1,0228	0,8992	1,2525	14,2093	0,85%	0,79%		1,76%	23,69%
TRICHLOROACETYL CHLORIDE	604	43,20	0,2824	0,2821	0,3148	0,8632	2,3506	4,8280	1,77%	2,70%		1,36%	12,28%
TRICHLOROETHYLENE	571	49,10	0,2166	0,2707	0,5869	0,8503	1,2294	13,1621	0,87%	1,71%	0,18%	3,75%	20,76%
TRICHLOROFUOROMETHANE	471,2	44,08	0,1894	0,2763	0,3348	0,8469	1,7755	9,1726	1,02%	0,78%	1,38%	3,48%	15,76%
TRICHLOROSILANE	479	41,70	0,2031	0,2784	0,3187	0,8343	1,8430	7,5086	0,41%	2,43%		3,79%	15,99%
TRIDECAFLUOROHEPTANOIC ACID	583	20,75	0,9562	0,2612	0,6820	0,7625	2,3681	15,6303	0,86%			1,07%	25,09%
TRIDECANAL	720	22,38	0,7452	0,2631	0,6472	0,8611	2,3806	21,1761	1,32%	1,43%		1,14%	22,60%
TRIETHYL ALUMINUM	678,15	89,30	0,8418	0,4531	0,9676	0,8710	1,7442	-97,4719	1,05%	1,14%		7,67%	33,89%
TRIETHYL ESTER PHOSPHOROUS ACID	664,4	53,77	0,3308	0,3805	0,9092	0,9365	1,0678	-79,8897	0,91%	1,35%		2,93%	8,02%
TRIETHYL GALLIUM	581,2	25,00	0,4957	0,2420	3,7237	1,0000	0,2896	52,7981	6,46%		8,06%	5,64%	26,39%
TRIETHYL ORTHOFORMATE	585	26,76	0,5447	0,2714	0,5109	0,8502	2,3198	10,8147	0,73%	1,29%		1,50%	22,95%
TRIETHYL PHOSPHATE	757	68,40	0,4145	0,4800	0,8814	0,9706	1,2844	-135,1814	0,85%			16,88%	24,59%
TRIETHYLAMINE	535,15	30,40	0,3162	0,2690	0,4919	0,8439	1,6971	17,0544	0,72%	1,90%	3,13%	3,19%	20,72%
TRIETHYLENE GLYCOL BIS(2-ETHYLHEXANOATE)	820,7	10,94	1,0371	0,2277	0,6696	0,8336	2,8343	154,9897	1,16%			2,38%	47,90%
TRIETHYLENE GLYCOL DIMETHYL ETHER	651	23,10	0,7915	0,2650	0,6233	0,8258	2,4300	22,2079	0,71%	0,88%		4,92%	38,47%

Name	T <sub>c</sub> / K	P <sub>c</sub> / bar	ω	Z <sub>RA</sub>	L	M	N	c (cm <sup>3</sup> · mol <sup>-1</sup> )	MAPE on:				
									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
TRIETHYLENEDIAMINE	655	39,10	0,4602		0,3218	0,8346	2,8153		0,55%	1,23%			
TRIETHYLENETETRAMINE	718	31,70	0,9735	0,2557	0,5452	0,8188	3,1365	18,3887	1,32%	1,27%		1,62%	26,42%
TRIFLUOROACETAMIDE	648	50,59	0,4814		0,1930	0,8066	3,4291		1,55%	3,94%	5,86%		
TRIFLUOROACETIC ACID	491,25	32,58	0,5238	0,1972	0,2910	0,8203	3,1047	64,2599	2,26%		0,33%	9,97%	73,35%
TRIFLUOROIDOMETHANE	396,44	39,53	0,1763	0,2762	0,2577	0,8710	2,2434	9,5913	0,43%	1,62%		2,16%	19,11%
TRIFLUOROMETHANE	299,01	48,16	0,2641	0,2569	0,3539	0,8548	2,0388	10,8619	0,43%	2,12%	2,24%	4,99%	22,12%
TRIFLUOROMETHYL TRIFLUOROVINYL ETHER	363	31,10	0,3497		0,7064	0,8710	1,3576		0,76%	1,30%			
TRISOBUTYL ALUMINUM	690,1	17,59	0,4304	0,2519	0,5664	0,8944	1,9613	68,2945	0,75%			3,15%	23,97%
TRIMETHYL BORATE	501,7	35,87	0,4161	0,2550	0,5237	0,8870	2,0455	16,8073	0,77%			5,49%	48,93%
TRIMETHYL SILANE	432	31,90	0,1751	0,2738	0,6390	0,8996	1,1145	14,2981	0,72%	1,42%		3,48%	16,08%
TRIMETHYL SILANOL	526,5	38,09	0,6341	0,2741	0,3150	0,6959	2,4839	4,0731	0,65%			1,34%	16,26%
TRIMETHYLALUMINUM	620	40,00	0,2179	0,2347	4,2700	0,4755	0,2782	47,5933	1,80%	4,53%		9,62%	40,95%
TRIMETHYLAMINE	433,25	40,70	0,2062	0,2714	0,2484	0,8574	2,3157	11,6627	1,14%	3,22%	1,87%	3,83%	11,56%
TRIMETHYLCHLOROSILANE	497,75	32,00	0,2701	0,2750	1,0471	0,9999	0,8396	13,6101	1,24%	1,96%	1,95%	1,89%	14,07%
TRIMETHYLENE SULFIDE	602	58,60	0,1731	0,2533	0,4601	0,8383	1,3520	21,6281	0,48%	1,41%	0,03%	8,01%	20,68%
TRI-n-BUTYL BORATE	743,15	19,89	0,1887	0,2929	0,9197	0,9843	0,8314	7,8205	0,70%	1,02%		4,45%	19,04%
TRI-n-BUTYLAMINE	644	18,00	0,6943	0,2492	0,6107	0,8308	2,2700	50,4965	0,82%	1,11%		2,45%	28,04%
TRI-n-OCTYLAMINE	782	10,10	0,9688	0,2432	0,6283	0,8333	2,8392	121,8625	2,02%			3,17%	47,73%
TRIOXANE	604	58,20	0,3337	0,2594	0,2422	0,8363	2,7845	15,6212	0,66%	2,24%		3,27%	21,43%
TRIPHENYLENE	990,8	28,70	0,6733	0,2402	0,5967	0,8606	2,3873	70,0054	0,76%			2,56%	28,71%
TRIPHENYLETHYLENE	908	21,00	0,5998		0,5444	0,8230	2,2268		0,80%	1,14%	0,93%		
TRIPHENYLMETHANE	865	22,00	0,5735	0,2426	0,2847	0,8118	3,2496	78,6352	0,45%	1,88%	6,30%	3,86%	34,27%
TRIPHENYLPHOSPHINE	1008	78,40	0,4517	0,5378	0,3507	0,8335	2,6304	-227,0483	0,90%			13,98%	5,30%
TRIPROPYLENE GLYCOL MONOETHYL ETHER	664	20,20	1,1610	0,2616	2,0560	1,0000	0,9881	8,1189	5,08%		10,22%	2,01%	28,25%
TRIPROPYLENE GLYCOL MONOMETHYL ETHER	657	21,80	1,1254	0,2625	0,6379	0,8057	3,0637	7,8322	2,20%		1,58%	2,79%	26,91%
TRIS(2-METHOXYETHOXY)VINYL SILANE	723,9	17,79	0,7150	0,2570	0,4494	0,8275	2,9533	42,0563	0,69%			2,08%	24,79%
UNDECANAL	690	23,93	0,6352	0,2659	0,6607	0,8435	2,0302	18,0808	0,83%	1,28%		1,29%	22,81%
UNDECYL MERCAPTAN	710	19,80	0,6388	0,2405	0,4020	0,8272	2,9594	67,6831	3,77%	2,01%	1,98%	4,17%	37,00%
UNDECYLAMINE	682	20,20	0,7043	0,2437	0,7682	0,7939	1,8573	56,1769	8,68%		0,39%	3,53%	28,96%
VALERONITRILE	610,3	35,80	0,4069	0,2381	0,4795	0,8777	2,1580	42,6780	2,93%	3,49%		5,57%	25,67%
VANADIUM OXYTRICHLORIDE	636	37,40	0,1305	0,2388	0,1598	0,8373	2,2828	51,6363	0,19%			10,46%	44,71%
VANADIUM TETRACHLORIDE	697	60,30	0,1858	0,3025	0,7309	0,9945	1,0838	-9,8865	0,53%			1,84%	23,22%
VANILLIC ACID	825,1	37,98	0,8503		0,4596	0,8157	3,2080		0,71%	1,74%			
VANILLIN	777	40,10	0,7573		0,4430	0,8218	3,0716		0,76%	1,07%			
VINYL ACETATE	519,13	39,58	0,3513	0,2487	0,9546	0,8335	0,9945	27,0609	1,86%	3,73%	3,55%	6,11%	24,61%
VINYL CHLORIDE	432	56,70	0,1001	0,2745	0,0671	0,8372	2,7683	8,8600	0,68%	1,55%		5,94%	13,02%

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									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
VINYL FLUORIDE	327,8	52,40	0,1429	0,2727	0,2155	0,8573	2,2705	6,3323	2,39%		2,04%	5,55%	16,00%
VINYL FORMATE	498	50,20	0,2849	0,2614	1,4192	1,0000	0,6139	15,6212	0,94%	1,65%		3,89%	19,50%
VINYL PIVALATE	556	29,50	0,3913	0,2698	0,5566	0,8428	1,7254	14,9524	0,66%	1,12%		2,38%	19,95%
VINYL PROPIONATE	546	36,80	0,3802	0,2606	0,7591	0,8752	1,3328	20,3122	0,79%	1,11%		3,23%	21,02%
VINYLCETONITRILE	584	38,80	0,3782	0,2183	1,0997	1,0000	0,9400	54,7210	3,09%	4,10%	1,26%	9,86%	39,93%
VINYLCETYLENE	454	48,60	0,1069	0,2656	1,0000	1,0000	0,6724	15,3287	5,04%	3,50%	0,78%	4,77%	18,81%
VINYLCYCLOHEXANE	599,4	32,70	0,2902	0,2671	0,3603	0,8224	1,9602	21,0929	0,67%	2,51%	1,48%	3,54%	19,64%
VINYLETHYLENE CARBONATE	759,1	48,00	0,4733	0,2388	1,0706	0,9013	1,0880	35,7193	0,77%	1,23%	0,07%	6,89%	41,26%
VINYLNORBORNENE	626	32,10	0,2487	0,2814	1,0106	1,0000	0,8480	15,8965	0,55%	1,22%		4,35%	22,85%
VINYLTRICHLOROSILANE	543,15	30,60	0,2815	0,2535	0,6716	0,8850	1,2904	33,8882	0,68%	1,25%		5,94%	12,27%
VINYLTRIMETHOXYSILANE	553,7	26,85	0,5514	0,2606	0,7692	0,8720	1,6472	21,1270	3,81%		0,68%	1,98%	25,38%
WATER	647,096	220,64	0,3449	0,2289	0,4171	0,8758	2,1818	8,9670	0,56%	1,99%	3,49%	9,53%	29,26%
XENON	289,74	58,40	0,0000	0,2880	0,3216	0,9451	1,4855	2,9153	0,38%	1,87%		3,08%	14,05%
XYLITOL	941,8	59,37	0,9066		0,5344	0,8157	3,0001		0,71%	1,41%			
DEUTERIUM	38,35	16,62	-0,1449	0,315	0,215	0,9921	1,1079	-1,2543	1,87%	5,84%		3,41%	5,82%
HELIOUM-4	5,2	2,27	-0,3900	0,3355	-0,0466	1,2473	0,5401	-1,4608	3,02%	7,68%		8,09%	9,67%
HYDROGEN	33,19	13,13	-0,2160	0,3192	0,9444	3,0087	0,1762	-1,3449	1,58%	2,30%		5,21%	8,70%
NEON	44,4	26,53	-0,0396	0,3004	0,3275	0,9699	1,2893	-0,0712	0,26%	2,62%		3,23%	11,48%
1,1-DICHLOROETHYLENE	482	51,90	0,2721	0,2763					tc-PR rej.				
1,3-DICHLORO-2-PROPANOL	633	45,00	0,6997	0,2557					N.A.				
1,4-CYCLOHEXADIENE	569	47,30	0,2048	0,2721					N.A.				
1,6-HEXANEDIOL	683	36,10	1,2162						N.A.				
1-ISOPROPOXY-2-PROPANOL	562	33,60	0,7681	0,2768					N.A.				
1-TETRADECANOL	745,3	16,82	0,7168	0,2416					N.A.				
1-trans-3,5-TRIMETHYLCYCLOHEXANE	602,2	28,40	0,3671	0,2716					N.A.				
2-(alpha-METHYLBENZYLOXY)-1-PROPANOL	722,7	24,92	0,6421						tc-PR rej.				
2,3-DICHLORO-1-PROPANOL	647	45,00	0,6992	0,254					N.A.				
2-ETHOXYETHANOL	569	42,40	0,7582	0,2529					tc-PR rej.				
2-ETHYLHEXYL ACETATE	642,4	21,70	0,5992	0,2537					N.A.				
2-HEXYOXYETHANOL	633	26,20	0,9004	0,2555					N.A.				
2-METHYL-1,3-PENTANEDIOL	639	37,45	1,2455						N.A.				
2-PHENYL-1-PROPANOL	685	34,90	0,7643	0,2624					tc-PR rej.				
3-PHENYL-1-PROPANOL	694	34,30	0,8033	0,2586					tc-PR rej.				
ACETIC ACID	591,95	57,86	0,4665	0,2214					tc-PR rej.				
ACRYLAMIDE	776	57,30	0,4863						N.A.				
beta-PROPIOLACTONE	686	69,10	0,3577						N.A.				

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									P <sup>sat</sup>	Δ <sub>vap</sub> H	c <sup>sat</sup> <sub>P,liq</sub>	v <sup>sat</sup> <sub>liq</sub>	v <sub>c</sub>
CALCIUM	3267	153,00	0,1167						METAL				
CUMENE HYDROPEROXIDE	605	33,40	0,995						N.A.				
DI(2-ETHYLHEXYL)ADIPATE	845	11,20	0,8993	0,2428					N.A.				
DIOCTYL ADIPATE	830	11,30	1,0485	0,2305					N.A.				
DIPROPYLENE GLYCOL MONOETHYL ETHER	617	26,30	0,931	0,2677					N.A.				
DIPROPYLENE GLYCOL n-PROPYL ETHER	629	24,00	0,9631						N.A.				
ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	641,2	24,80	0,5598	0,2524					N.A.				
FERROUS CHLORIDE	2010	87,20	0,5271						N.A.				
GERMANIUM	9803	6511,00	-0,0715						N.A.				
HYDRAZINE	653,15	147,00	0,3143	0,2641					tc-PR rej.				
INDANE	684,9	39,50	0,3092	0,2668					tc-PR rej.				
IRON	9340	10150,00	-0,0106						N.A.				
ISOPROPYL MYRISTATE	738	14,00	0,9364	0,2469					N.A.				
LITHIUM	3503	384,20	-0,0556	0,124					METAL				
LITHIUM IODIDE	2370	170,00	0,457						METAL				
n-BUTYL NONANOATE	674	17,40	0,7277						N.A.				
n-DOCOSANE	787	10,60	0,9722	0,2299					N.A.				
n-DOTRIACONTANE	855	7,50	1,3765	0,2229					N.A.				
n-HEXATRIACONTANE	874	6,80	1,526	0,2229					N.A.				
NITRIC OXIDE	180,15	64,80	0,5829	0,2616					tc-PR rej.				
n-PENTACOSANE	812	9,50	1,1053	0,2281					N.A.				
n-PROPYL BENZOATE	710	28,50	0,5209	0,2525					N.A.				
o-TOLUALCOHOL	691	39,20	0,7429	0,2574					N.A.				
PALUSTRIC ACID	789	17,20	0,9174						tc-PR rej.				
PENTAETHYLBENZENE	731	18,90	0,6697	0,2506					tc-PR rej.				
POTASSIUM	2223	160,00	-0,2028	0,2039					METAL				
PROPYLENE GLYCOL alpha-METHYLBENZYL ETHER	719	24,79	0,6371						tc-PR rej.				
PROPYLENE GLYCOL ETHYL ETHER ACETATE	613	27,60	0,5425	0,2568					tc-PR rej.				
PROPYLENE GLYCOL n-PROPYL ETHER	573	33,00	0,8002	0,2703					N.A.				
SULFUR DICHLORIDE	542	66,80	0,2561	0,2671					N.A.				
TETRAETHOXYSILANE	592,2	20,45	0,6325	0,2744					N.A.				
TETRAETHYLENEPENTAMINE	774	25,30	1,2365	0,25					N.A.				
TRIMETHYLGALLIUM	510	40,40	0,2077						tc-PR rej.				
VANADIUM	11325	10314,00	-0,1868						N.A.				