

Parametri per l'equazione di Antoine ed altre proprietà

Tensione di vapore (P^{sat}) dall'equazione di Antoine: $\ln\left(\frac{P^{\text{sat}}}{\text{kPa}}\right) = A - \frac{B}{T/^\circ\text{C} + C}$

Calore latente normale di evaporazione (ΔH_n), temperatura normale di ebollizione (T_n)

Name	Formula	Parametri dell' eq. di Antoine			Interv. di temp °C	ΔH_n kJ/mol	T_n °C
		A	B	C			
Acetone	C ₃ H ₆ O	14.3145	2756.22	228.060	-26 — 77	29.10	56.2
Acetic acid	C ₂ H ₄ O ₂	15.0717	3580.80	224.650	24 — 142	23.70	117.9
Acetonitrile	C ₂ H ₃ N	14.2724	2945.4	224.010	-13 — 117	30.19	81.6
Ammonia	NH ₃	15.3671	2308.83	247.885	-83 — 60	23.36	-33.5
Benzene	C ₆ H ₆	13.7819	2726.81	217.572	6 — 104	30.72	80.0
<i>iso</i> -Butane	C ₄ H ₁₀	13.8254	2181.79	248.870	-83 — 7	21.30	-11.9
<i>n</i> -Butane	C ₄ H ₁₀	13.6608	2154.70	238.789	-73 — 19	22.44	-0.5
1-Butanol	C ₄ H ₁₀ O	15.3144	3212.43	182.739	37 — 138	43.29	117.6
2-Butanol	C ₄ H ₁₀ O	15.1989	3026.03	186.500	25 — 120	40.75	99.5
<i>iso</i> -Butanol	C ₄ H ₁₀ O	14.6047	2740.95	166.670	30 — 128	41.82	107.8
<i>tert</i> -Butanol	C ₄ H ₁₀ O	14.8445	2658.29	177.650	10 — 101	39.07	82.3
Carbon tetrachloride	CCl ₄	14.0572	2914.23	232.148	-14 — 101	29.82	76.6
Chlorobenzene	C ₆ H ₅ Cl	13.8635	3174.78	211.700	29 — 159	35.19	131.7
1-Chlorobutane	C ₄ H ₉ Cl	13.7965	2723.73	218.265	-17 — 79	30.39	78.5
Chloroform	CHCl ₃	13.7324	2548.74	218.552	-23 — 84	29.24	61.1
Cyclohexane	C ₆ H ₁₂	13.6568	2723.44	220.618	9 — 105	29.97	80.7
Cyclopentane	C ₅ H ₁₀	13.9727	2653.90	234.510	-35 — 71	27.30	49.2
<i>n</i> -Decane	C ₁₀ H ₂₂	13.9748	3442.76	193.858	65 — 203	38.75	174.1
Dichloromethane	CH ₂ Cl ₂	13.9891	2463.93	223.240	-38 — 60	28.06	39.7
Diethyl ether	C ₄ H ₁₀ O	14.0735	2511.29	231.200	-43 — 55	26.52	34.4
1,4-Dioxane	C ₄ H ₈ O ₂	15.0967	3579.78	240.337	20 — 105	34.16	101.3
<i>n</i> -Eicosane	C ₂₀ H ₄₂	14.4575	4680.46	132.100	208 — 379	57.49	343.6
Ethanol	C ₂ H ₆ O	16.8958	3795.17	230.918	3 — 96	38.56	78.2
Ethylbenzene	C ₈ H ₁₀	13.9726	3259.93	212.300	33 — 163	35.57	136.2
Ethylene glycol	C ₂ H ₆ O ₂	15.7567	4187.46	178.650	100 — 222	50.73	197.3
<i>n</i> -Heptane	C ₇ H ₁₆	13.8622	2910.26	216.432	4 — 123	31.77	98.4
<i>n</i> -Hexane	C ₆ H ₁₄	13.8193	2696.04	224.317	-19 — 92	28.85	68.7
Methanol	CH ₄ O	16.5785	3638.27	239.500	-11 — 83	35.21	64.7
Methyl acetate	C ₃ H ₆ O ₂	14.2456	2662.78	219.690	-23 — 78	30.32	56.9
Methyl ethyl ketone	C ₄ H ₈ O	14.1334	2838.24	218.690	-8 — 103	31.30	79.6
Nitromethane	CH ₃ NO ₂	14.7513	3331.70	227.600	56 — 146	33.99	101.2
<i>n</i> -Nonane	C ₉ H ₂₀	13.9854	3311.19	202.694	46 — 178	36.91	150.8
<i>iso</i> -Octane	C ₈ H ₁₈	13.6703	2896.31	220.767	2 — 125	30.79	99.2
<i>n</i> -Octane	C ₈ H ₁₈	13.9346	3123.13	209.635	26 — 152	34.41	125.6
<i>n</i> -Pentane	C ₅ H ₁₂	13.7667	2451.88	232.014	-45 — 58	25.79	36.0
Phenol	C ₆ H ₆ O	14.4387	3507.80	175.400	80 — 208	46.18	181.8
1-Propanol	C ₃ H ₈ O	16.1154	3483.67	205.807	20 — 116	41.44	97.2
2-Propanol	C ₃ H ₈ O	16.6796	3640.20	219.610	8 — 100	39.85	82.2
Toluene	C ₇ H ₈	13.9320	3056.96	217.625	13 — 136	33.18	110.6
Water	H ₂ O	16.3872	3885.70	230.170	0 — 200	40.66	100.0
<i>o</i> -Xylene	C ₈ H ₁₀	14.0415	3358.79	212.041	40 — 172	36.24	144.4
<i>m</i> -Xylene	C ₈ H ₁₀	14.1387	3381.81	216.120	35 — 166	35.66	139.1
<i>p</i> -Xylene	C ₈ H ₁₀	14.0579	3331.45	214.627	35 — 166	35.67	138.3