

Chemical Name CAS-Number	Colour/Form	Boiling Point (°C)	Melting Point (°C)	Molecular Weight	Solubility in Water	Relative Density (water=1)	Relative Vapour Density (air=1)	Vapour Pressure/ (Kpa)	Inflam. Limits	Flash Point (°C)	Auto Ignition Point (°C)
BUTANE 106-97-8	colourless gas	-0.5	-138	58.12	sol	0.5788	2.07 @ 0 °C	213.7 @ 21.1 °C	1.6 ll 8.4 ul	flamm- able gas	287
CYCLOHEXANE 110-82-7	colourless mobile liquid	80.7	6.5	84.2	insol	0.778	2.98	12.7	1.3 ll 8.4 ul	-18 cc	260
CYCLOPENTANE 287-92-3	colourless liquid	49	-94	70.2	insol	0.7457	2.42	45	1.1 ll 8.7 ul	-37 cc	361
CYCLOPROPANE 75-19-4	colourless gas	-33	-127.6	42.08	sol	1.879 g/l @ 0 °C	1.88		2.4 ll 10.3 ul		497
DECANE 124-18-5	colourless liquid	174.1	-29.7	142.3	insol	0.7300	4.90	0.17 @ 25 °C	0.8 ll 5.4 ul	46 cc	210
2,2-DIMETHYLBUTANE 75-83-2	colourless liquid	49.7	-99.9	86.2	insol	0.6485	3.0	400 mm Hg @ 31.0 °C	1.2 ll 7.0 ul	-48 cc	405
2,3-DIMETHYLBUTANE 79-29-8	colourless liquid	58.0	-128.53	86.2	insol	0.6616	3.0	400 mm Hg @ 39.0 °C	1.2 ll 7.0 ul	-29 cc	405
2,2-DIMETHYLPROPANE 463-82-1	liquid or gas	9.5	-16.6	72.15	insol	0.613	2.5	1100 mm H g @ 21 °C	1.4 ll 7.5 ul	<-7	450
ETHANE 74-84-0	colourless gas	-89	-183	30.1	60.2 ppm @ 25 °C	0.446 @ 0 °C/4 °C	1.04	3850	3.0 ll 12.5 ul	flamm- able gas	472
HEPTANE 142-82-5	liquid	98	-90	100.2	insol	0.68	3.46	4.8	1.1 ll 6.7 ul	-1	215
HEXANE 110-54-3	colourless liquid	69	-95	86.2	insol	0.66	2.97	16	1.1 ll 7.5 ul	-22 cc	240
ISOBUTANE 75-28-5	colourless gas	-11.63	-138.3	58.12	sl sol	0.5572	2.0		1.8 ll 8.4 ul		
ISOHEXANE 107-83-5	colourless liquid	60	-153.7	86.2	insol	0.6532	3.00	400 mm Hg @ 1.6 °C	1.2 ll 7.0 ul	<-7 cc	306
2-METHYLBUTANE 78-78-4	colourless liquid	28	-159.9	72.15	insol	0.6201	2.48	79	1.4 ll 7.6 ul	<-51cc	420
METHYLCYCLOHEXANE 108-87-2	colourless liquid	100.9	-126.6	98.2	insol	0.7694	3.39	5.76 @ 25 °C	1.2 ll 6.7 ul	-6 oc	258
2-METHYLHEPTANE 592-27-8	liquid	116	-109	114.2	insol	0.6980	3.9	5.3 @ 38 °C	1.0 ll ? ul	44	
3-METHYLPENTANE 96-14-0	colourless liquid	63.2	-163	86.2	insol	0.6645	3.0		1.2 ll 7.0 ul		
NONANE 111-84-2	colourless liquid	150.8	-51	128.3	insol	0.7176	4.41	4.45 mm Hg @ 25 °C	0.8 ll 2.9 ul		
OCTANE 111-65-9	colourless liquid	125.6	-56.8	114.22	insol	0.7028	3.86	1.47	1.0 ll 6.5 ul	13 cc	220
PENTANE 109-66-0	colourless liquid	36.0	-130	72.15	sl sol	0.6262	2.49	56.8	1.5 ll 7.8 ul	-49 cc	309
PROPANE 74-98-6	colourless gas	-42.1	-189.7	44.09	sol	0.5853 @ -45 °C/4 °C	1.56 @ 0 °C	760 mm Hg @ 25 °C	2.1 ll 9.5 ul	flamm- able gas	450

2,2,4-TRIMETHYL- PENTANE 540-84-1	mobile liquid; colourless liquid	99.2	-107	114.22	insol	0.6919	3.93	5.1	1.1 II 6.0 ul	45 oc	417
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