

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)
BENZENE 71-43-2	clear, colourless liquid; rhombic prisms	80	5.5	78.11	sl sol	0.8765	2.7	10	1.3 ll 7.1 ul	-11cc	500
BIPHENYL 92-52-4	white scales; leaflets from dil alcohol; colourless leaflets	256	69	154.20	insol	1.041	5.31	0.13 @ 71 °C	0.6 @ 232 mm Hg 5.8 @ 311 mm Hg	113 cc	540
<i>p</i> -tert-BUTYL TOLUENE 98-51-1	clear, colourless liquid	193	-52	148.2	insol	0.8612	4.62	0.65 mm Hg @ 25 °C			
<i>o</i> -CHLOROSTYRENE 2039-87-4	liquid	188.7	-63.1	138.60		1.1000		9.6x 10 <sup>-1</sup> mm Hg @ 25 °C			
CUMENE 98-82-8	colourless liquid	152.4	-96.0	120.19	insol	0.862	4.2	10 mm Hg @ 38.3 °C	0.9 ll 6.5 ul		
<i>p</i> -CYMENE 99-87-6	colourless liquid	177.1	-67.94	134.2	insol	0.8573	4.62	0.2	0.7 ll 5.6 ul	47 cc	436
DECAHYDRONAPH- THALENE 91-17-8	clear colourless liquid	155.5	-43	138.24	0.9 ppm	0.8965	4.8	2.3 mm Hg @ 25 °C	0.7 ll 4.9 @ 100 °C ul	58 cc	250; 255 trans- isomer
DIETHYLBENZENE 25340-17-4	liquid	181-184	<-20		insol	0.9	4.6	0.13	0.8 ll 5 ul	56	395-450
DIVINYLBENZENE 1321-74-0	colourless liquid	195	-66.9- -52	130.19	insol	0.9	4.48	0.133 @ 32.7 °C	1.1 ll 6.2 ul	169 cc	500
DODECYLBENZENE 123-01-3	colourless liquid	328	3	246.4	insol	0.9	8.47	< 10 Pa		1406	
ETHYLBENZENE 100-41-4	colourless liquid	136	-95	106.16	insol	0.8670	3.66	0.9	1.6 ll 7 ul	128 cc	432
1-ETHYLNAPHTHALENE 1127-76-0		258.6	-13.9	156.22	insol	1.0082					
2-ETHYLNAPHTHALENE 939-27-5		258	-7.4	156.22	insol	0.9922					
INDENE 95-13-6	liquid; yellow needles	182	-1.8	116.15	insol	0.9968					
D-LIMONENE 5989-27-5	liquid	178	-74.35	136.23	insol	0.8411	4.7	0.4 @ 14.4 °C	0.7 ll 6.1 @ 302 °C ul	48	237
L-LIMONENE 5989-54-8		177.5		136.23		0.8422					
LIMONENE 138-86-3	colourless mobile liquid	175.5-176.5	-95.5	136.23	13.8 mg/l @ 25 °C	0.8402	4.7	20 mm Hg @ 68.2 °C	0.7 ll 6.1 ul	45 cc	237
METHYLSTYRENE 25013-15-4	colourless liquid	170-171	-76.67	118.18	insol	0.890 @ 25 °C /25 °C	4.08	0.15	0.8 ll 11 ul	544	494
$\alpha$ -METHYLSTYRENE	colourless liquid	164	-23.2	118.2	insol	0.91	4.08	29 Pa	0.9 ll	8389 cc	574

98-83-9									6.6 ul		
<i>o</i> -METHYLSTYRENE 611-15-4	liquid	170	-69	118.17	insol	0.91	4.1			51	
<i>m</i> -METHYLSTYRENE 100-80-1	liquid	172	-86.3	118.17	insol	0.91	4.1				
<i>p</i> -METHYLSTYRENE 622-97-9	colourless liquid	173	-34	118.2	insol	0.8764	4.1	<0.1	1.1 II 5.3 ul	45	515
NAPHTHALENE	white, crystalline flakes or solid; white scales, balls, powder or cakes; monoclinic plates from alcohol	217.9	80.2	128.16	insol	1.0253	4.42	0.01	0.9 II 5.9. ul		526
METHYLNAPHTHALENE 1321-94-4	colouless liquid	241-244	-22	142.21	insol	1.0				82-97	
PROPENYLBENZENE 873-66-5	liquid	175	-29.3	118.2	insol	0.911	4.1		0.9 II ? ul	53	
<i>n</i> -PROPYLBENZENE 103-65-1	colorless liquid	159.2 ° C at 760 mm Hg	-99.2	120.19	0.06 g/l	sp gr: 0.8620 @ 20 ° C/4 ° C	4.14	1 mm Hg at 6.3 ° C	0.8-6%		
STYRENE 100-42-5	colourless to yellowish, oily liquid; viscous liquid; solventy, rubbery	145	-31	104.14	insol	0.906	3.6	0.7	0.9 II 6.8 ul	344-367	490
1,2,3,4-TETRAHY- DRONAPHTHALENE 119-64-2	colourless liquid	207.6	-35.7	132.20	insol	0.9702	4.6	0.368 mm Hg @ 25 ° C	? II 5.0 @ 150 ° C ul	77 oc 82 cc	
TOLUENE 108-88-3	colourless liquid	111	-95	92.13	insol	0.866	3.2	2.9	1.2 II 7.1 ul	4 cc	480
1,3,5-TRIMETHYL- BENZENE 108-67-8	liquid; clear, colourless	164.7	-44.7	120.19	insol	0.8637	1.006	1.86 mm Hg			
<i>o</i> -XYLENE 95-47-6	colourless liquid	144	-25	106.16	insol	0.880	3.7	0.7	1.0 II 7.0 ul	32 cc	463
<i>m</i> -XYLENE 108-38-3	clear, colourless liquid; mobile	139.3	-47.8	106.17	insol	0.8684 @ 15 ° C/4 ° C	3.7	760 mm Hg @ -47.9 ° C	1.1 II 7.0 ul	27 cc	527
<i>p</i> -XYLENE 106-42-3	colourless plates or prisms at low temp; colourless liquid	138.3	13	106.2	insol	0.861	3.7	0.9	1.1 II 7.0 ul	27 cc	528