

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)
<i>cis</i> -2-BUTENE 590-18-1	colourless gas	3.73	-139.3	56.10	insol	0.6213	1.94	188 @ 21 °C	1.7 ll 9.0 ul		324
<i>trans</i> -2-BUTENE 624-64-6	liquefied gas	0.8	-105	56.10		0.60	1.94	212 @ 21 °C	1.8 ll 9.7 ul		324
BICYCLOHEPTADIENE 121-46-0		89.5	-19.1	92.13	insol	0.9064					
1,3-BUTADIENE 106-99-0	colourless gas	-4.5	-108.9	54.09	insol	0.6211	1.87	245	2.0 ll 11.5 ul	76	414
CYCLOHEXENE 110-83-8	colourless liquid	82.98	-103.5	82.14	insol	0.8102	2.8	8.9	1.2 ll 4.8 ul	-6 cc	310
CYCLOPENTADIENE 542-92-7	colourless liquid	41	-85	66.11	insol	0.8021	2.3	58.4 @ 25 °C		25 oc	640
ETHYLENE 74-85-1	colourless gas	-104	-169	28.05	insol	0.465 @ 25 °C	0.978	8100 @ 15 °C	2.7 ll 36.0 ul		450
ETHYLIDENE NORBORNENE 16219-75-3	colourless liquid; white liquid	67	-80	120.21	insol	0.8958	4.1	0.61		38 oc	
1-HEXENE 592-41-6	colourless liquid	63.35	-139.8	84.16	insol	0.6731	3.0	40 @ 38 °C	1.2 ll 6.9 ul	-26	
ISOPRENE 78-79-5	colourless liquid	34.067	-146	68.13	insol	0.681	2.4	61.8	1.5 ll 8.9 ul	54 cc	427
1-OCTENE 111-66-0	colourless liquid	121.3	-101.7	112.22	insol	0.7149	3.87	4.8 @ 38 °C	0.7 ll 3.9 ul	21	230
2,4,4-TRIMETHYL-1-- PENTENE 107-39-1	colourless liquid	101.4	-93.5	112.22	insol	0.7150	3.8	10 @ 38 °C	0.8 ll 4.8 ul	-5	391
2,4,4-TRIMETHYL-2-- PENTENE 107-40-4	colourless liquid	104.91	-106.3	112.22	insol	0.7218	3.8	11.02 @ 38 °C	0.9 ll ? ul	17 oc	305