

	ALKANES	ALKENES	ALCOHOLS	ALDEHYDES	KETONES	CARB. ACIDS	ETHERS
1	methane CH ₄ m.p. -183 d.p. -162		methyl alcohol -CH m.p. -97 d.p. 65	formaldehyde m.p. -92 d.p. -20		formic acid m.p. -8 d.p. 107	
2	ethane - m.p. -183 d.p. -89	ethene = m.p. -169 d.p. -104	ethyl alcohol m.p. -115 d.p. 78.5	acetaldehyde m.p. -121 d.p. 20		acetic acid m.p. -17 d.p. 118	diethyl ether m.p. -140 d.p. -24
3	propane m.p. -182 d.p. -42	propene m.p. -185 d.p. -47	n-propyl alcohol m.p. -127 d.p. 97	propanal m.p. -81 d.p. 49	diethyl ketone (acetone) m.p. -94 d.p. 56	propanoic acid m.p. -2 d.p. 144	
4	butane m.p. -138 d.p. -0.5	1-butene m.p. -165 d.p. -6	n-butyl alcohol m.p. -90 d.p. 117	butanal m.p. -99 d.p. 76	ethyl methyl ketone m.p. -86 d.p. 80	butanoic acid m.p. -6 d.p. 164	diethyl ether m.p. -116 d.p. 35
5	pentane m.p. -129 d.p. 36	1-pentene m.p. -138 d.p. 30	n-pentyl alcohol m.p. -79 d.p. 138	pentanal m.p. -91 d.p. 133	diethyl ketone m.p. -48 d.p. 103	pentanoic acid m.p. -34 d.p. 186	
6	hexane m.p. -95 d.p. 69	1-hexene m.p. -140 d.p. 63	n-hexyl alcohol m.p. -47 d.p. 158	hexanal m.p. -56 d.p. 128		hexanoic acid m.p. -3 d.p. 205	diisopropyl ether m.p. -60 d.p. 69
7	heptane m.p. -91 d.p. 98	1-heptene m.p. -119 d.p. 94	n-heptyl alcohol m.p. -34 d.p. 176	heptanal m.p. -42 d.p. 154	diisopropyl ketone m.p. -85 d.p. 151	heptanoic acid m.p. -8 d.p. 223	
8	octane m.p. -57 d.p. 126	1-octene m.p. -102 d.p. 121	n-octyl alcohol m.p. -17 d.p. 195	octanal m.p. 171		octanoic acid m.p. 11 d.p. 239	di-t-butyl ether m.p. 70 d.p.