

VAPOR PRESSURE

This table gives vapor pressure data for about 1800 inorganic and organic substances. In order to accommodate elements and compounds ranging from refractory to highly volatile in a single table, the temperature at which the vapor pressure reaches specified pressure values is listed. The pressure values run in decade steps from 1 Pa (about 7.5 $\mu\text{m Hg}$) to 100 kPa (about 750 mm Hg). All temperatures are given in $^{\circ}\text{C}$.

The data used in preparing the table came from a large number of sources; the main references used for each substance are indicated in the last column. Since the data were refit in most cases, values appearing in this table may not be identical with values in the source cited. The temperature entry in the 100 kPa column is close to, but not identical with, the normal boiling point (which is defined as the temperature at which the vapor pressure reaches 101.325 kPa). Although some temperatures are quoted to 0.1 $^{\circ}\text{C}$, uncertainties of several degrees should generally be assumed. Values followed by an "e" were obtained by extrapolating (usually with an Antoine equation) beyond the region for which experimental measurements were available and are thus subject to even greater uncertainty.

Compounds are listed by molecular formula following the Hill convention. Substances not containing carbon are listed first, followed by those that contain carbon. To locate an organic compound by name or CAS Registry Number when the molecular formula is not known, use the table *Physical Constants of Organic Compounds* in Section 3 and its indexes to determine the molecular formula. The indexes to *Physical Constants of Inorganic Compounds* in Section 4 can be used in a similar way.

More extensive and detailed vapor pressure data on selected important substances appear in other tables in this section of the *Handbook*. These substances are flagged by a symbol following the name as follows:

- * See *Vapor Pressure of Fluids below 300 K*
- ** See *IUPAC Recommended Data for Vapor Pressure Calibration*
- *** See *Vapor Pressure of Ice and Vapor Pressure of Water from 0 to 370 $^{\circ}\text{C}$*

The following notations appear after individual temperature entries:

- s — Indicates the substance is a solid at this temperature.
- e — Indicates an extrapolation beyond the region where experimental measurements exist.
- i — Indicates the value was calculated from ideal gas thermodynamic functions, such as those in the *JANAF Thermochemical Tables* (see Reference 8).

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Temperature in °C for the indicated pressure

| Mol. Form. | Name | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | Ref. |
|--|---------------------------------|----------|----------|----------|----------|----------|---------|--------|
| Substances not containing carbon: | | | | | | | | |
| Ag | Silver | 1010 | 1140 | 1302 | 1509 | 1782 | 2160 | 2 |
| AgBr | Silver(I) bromide | 569 i | 656 i | 765 i | 905 i | 1093 i | 1359 i | 9 |
| AgCl | Silver(I) chloride | 670 | 769 | 873 | 1052 | 1264 | 1561 | 4 |
| AgI | Silver(I) iodide | 594 | 686 | 803 | 959 | 1177 | 1503 | 4 |
| Al | Aluminum | 1209 | 1359 | 1544 | 1781 | 2091 | 2517 | 2 |
| AlB ₃ H ₁₂ | Aluminum borohydride | | | | -46.8 | -9.4 | 45.5 | 4 |
| AlCl ₃ | Aluminum trichloride | 58.4 s | 76.5 s | 97.1 s | 120.7 s | 148.2 s | 180.5 s | 4 |
| AlF ₃ | Aluminum trifluoride | 744 s | 819 s | 906 s | 1008 s | 1130 s | 1276 s | 8 |
| AlI ₃ | Aluminum triiodide | | | | 218 | 285 | 385 | 4 |
| Al ₂ O ₃ | Aluminum oxide | | | 2122 | 2351 | 2629 | 2975 | 4 |
| Ar | Argon* | | -226.4 s | -220.3 s | -212.4 s | -201.7 s | -186.0 | 1,5,31 |
| As | Arsenic | 280 s | 323 s | 373 s | 433 s | 508 s | 601 s | 3 |
| AsCl ₃ | Arsenic(III) chloride | | | -8 e | 21.3 | 63.1 | 129.4 | 1 |
| AsF ₃ | Arsenic(III) fluoride | | | | | 8.1 | 56.0 | 4 |
| AsI ₃ | Arsenic(III) iodide | | | | 187 | 261 | 367 e | 7 |
| As ₂ O ₃ | Arsenic(III) oxide (arsenolite) | 133.7 s | 163.0 s | 196.8 s | 236.2 s | 283.0 | | 34 |
| At | Astatine | 88 s | 119 s | 156 s | 202 s | 258 s | 334 | 2 |
| Au | Gold | 1373 | 1541 | 1748 | 2008 | 2347 | 2805 | 2 |
| B | Boron | 2075 | 2289 | 2549 | 2868 | 3272 | 3799 | 2 |
| BBr ₃ | Boron tribromide | | | -45 e | -15 e | 27.5 | 90.4 | 1 |
| BCl ₃ | Boron trichloride* | | | -94.0 | -70.5 | -37.4 | 12.3 | 4 |
| BF ₃ | Boron trifluoride* | -173.9 s | -166.0 s | -156.0 s | -143.0 s | -125.9 | -101.1 | 4 |
| B ₂ F ₄ | Tetrafluorodiborane | | | | | | -34 | 1 |
| B ₂ H ₆ | Diborane | | | -162 e | -147.0 | -125.8 | -92.6 | 1 |
| B ₃ H ₉ | Pentaborane(9) | | | | -34.8 | 3.8 | 57.6 | 4 |
| Ba | Barium | 638 s | 765 | 912 | 1115 | 1413 | 1897 | 9 |
| Be | Beryllium | 1189 s | 1335 | 1518 | 1750 | 2054 | 2469 | 2 |
| BeBr ₂ | Beryllium bromide | 203 s | 240 s | 283 s | 335 s | 397 s | 473 s | 4 |
| BeCl ₂ | Beryllium chloride | 196 s | 237 s | 284 s | 339 s | 402 s | 487 | 4 |
| BeF ₂ | Beryllium fluoride | | 686 e | 767 e | 869 | 999 | 1172 e | 7 |
| BeI ₂ | Beryllium iodide | 188 s | 229 s | 276 s | 333 s | 402 s | 487 | 4 |
| Bi | Bismuth | 668 | 768 | 892 | 1052 | 1265 | 1562 | 2 |
| BiBr ₃ | Bismuth tribromide | | | 217 s | 273 i | 348 i | 455 i | 4,9 |
| BiCl ₃ | Bismuth trichloride | | | | 248.9 | 328.6 | 438.7 | 1,4 |
| BrCs | Cesium bromide | 531 s | 601 s | 701 i | 834 i | 1019 i | 1293 e | 9 |
| BrH | Hydrogen bromide* | | -153.3 s | -140.4 s | -123.8 s | -101.5 s | -67.0 | 5 |
| BrH ₃ Si | Bromosilane | | | | -81.0 | -47.3 | 2.2 | 4 |
| BrH ₄ N | Ammonium bromide | 121 s | 154 s | 195 s | 246 s | 310.4 s | 395.1 s | 5 |
| BrK | Potassium bromide | 597 s | 674 s | 773 | | | | 25 |
| BrLi | Lithium bromide | | 630 | 733 | 868 | 1049 | 1308 | 4 |
| BrNa | Sodium bromide | | | 791 | 931 | 1120 | 1389 | 4 |
| BrRb | Rubidium bromide | | | 766 | 903 | 1087 | 1350 | 4 |
| BrTl | Thallium(I) bromide | | | | 509 | 635 | 817 | 4 |
| Br ₂ | Bromine* | -87.7 s | -71.8 s | -52.7 s | -29.3 s | 2.5 | 58.4 | 1 |
| Br ₂ Cd | Cadmium bromide | 373 s | 435 s | 509 s | | | | 27 |
| Br ₂ Hg | Mercury(II) bromide | 71 s | 98 s | 132 s | 174 s | 227 s | 318 | 4 |
| Br ₂ OS | Thionyl bromide | -49 e | -29 e | -5 e | 27.8 | 72.9 | 139.6 | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|----------------------------------|--------------------------------------|--|----------|----------|----------|---------|---------|----------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| Br ₂ Pb | Lead(II) bromide | 374 | 431 | 502 | 597 | 726 | 914 | 4 |
| Br ₂ S ₂ | Sulfur bromide | -7 e | 15 e | 42 e | 78.4 | 128.1 | 200.9 | 5 |
| Br ₃ In | Indium(III) bromide | | | 304.6 s | 328.7 s | 364.8 s | | 1 |
| Br ₃ OP | Phosphorus(V) oxybromide | | | | 64 e | 115.5 | 191.4 | 5 |
| Br ₃ P | Phosphorus(III) bromide | | -23 e | 5 e | 42.3 | 94.6 | 172.6 | 5 |
| Br ₃ Sb | Antimony(III) bromide | | | | 136.5 | 196.9 | 286.5 | 1 |
| Br ₄ Ge | Germanium(IV) bromide | | | | 51 | 105 | 188 | 4 |
| Br ₄ Sn | Tin(IV) bromide | | | | 67 | 122 | 204 | 4 |
| Br ₄ Zr | Zirconium(IV) bromide | 136 s | 167 s | 203 s | 245 s | 295 s | 356 s | 4 |
| Br ₅ P | Phosphorus(V) bromide | | -19 s | 4 s | 31 s | 65.5 s | 110.1 | 5 |
| Ca | Calcium | 591 s | 683 s | 798 s | 954 | 1170 | 1482 | 2 |
| Cd | Cadmium | 257 s | 310 s | 381 | 472 | 594 | 767 | 2 |
| CdCl ₂ | Cadmium chloride | 412 s | 471 s | 541 s | 634 | 768 | 959 | 23, 27 |
| CdF ₂ | Cadmium fluoride | | | | 1257 | 1461 | 1742 | 4 |
| CdI ₂ | Cadmium iodide | 296 s | 344 s | 406 | 498 | 622 | 795 | 4, 27 |
| CdO | Cadmium oxide | 770 s | 866 s | 983 s | 1128 s | 1314 s | 1558 s | 4 |
| Ce | Cerium | 1719 | 1921 | 2169 | 2481 | 2886 | 3432 | 14 |
| ClCs | Cesium chloride | | | 730 | 864 | 1043 | 1297 | 4 |
| ClCu | Copper(I) chloride | | 459 | 543 | 675 | 914 | 1477 | 4 |
| ClF | Chlorine fluoride* | | | | -144.4 | -122.6 | -90.2 | 5 |
| ClF ₂ P | Phosphorus(III) chloride difluoride | | | | -119.5 | -91.1 | -47.6 | 5 |
| ClF ₃ | Chlorine trifluoride | | | | -63.7 | -33.0 | 11.4 | 5 |
| ClF ₅ | Chlorine pentafluoride | | | | -88 e | -59 | -14 | 7 |
| ClH | Hydrogen chloride* | | | | -138.2 s | -118.0 | -85.2 | 1, 5 |
| ClHO ₂ S | Chlorosulfonic acid | -40 e | -20 e | 5 e | 38.7 | 85.0 | 153.6 | 5 |
| ClH ₄ N | Ammonium chloride | 91 s | 121 s | 159 s | 204.7 s | 263.1 s | 339.5 s | 5 |
| ClK | Potassium chloride | 625 s | 704 s | 804 | 945 | 1137 | 1411 | 23, 25 |
| ClLi | Lithium chloride | | 649 i | 761 i | 905 i | 1101 i | 1381 i | 8 |
| ClNO | Nitrosyl chloride | | -116 s | -100 s | -78.7 s | -50.2 | -5.7 | 5 |
| ClNO ₂ | Nitryl chloride | -121 e | -113 e | -102 e | -86.1 | -60.9 | -15.7 | 5 |
| ClNa | Sodium chloride | 653 s | 733 s | 835 | 987 | 1182 | 1461 | 23, 25 |
| ClO ₂ | Chlorine dioxide* | | | | | -34.3 | 10.5 | 5 |
| ClRb | Rubidium chloride | | | 777 | 916 | 1105 | 1379 | 4 |
| ClTl | Thallium(I) chloride | | | | 504 | 626 | 806 | 4 |
| Cl ₂ | Chlorine* | -145 s | -133.7 s | -120.2 s | -103.6 s | -76.1 | -34.2 | 1 |
| Cl ₂ Co | Cobalt(II) chloride | | | | | 818 | 1048 | 4 |
| Cl ₂ FP | Phosphorus(III) dichloride fluoride | | | | -71.1 | -37.4 | 13.5 | 5 |
| Cl ₂ F ₃ P | Phosphorus(V) dichloride trifluoride | | -120 e | -101 e | -77.1 | -44.3 | 3 e | 7 |
| Cl ₂ Fe | Iron(II) chloride | | | | 685 | 821 | 1025 | 4 |
| Cl ₂ Hg | Mercury(II) chloride | 64.4 s | 94.7 s | 130.8 s | 174.5 s | 228.5 s | 304.0 | 4 |
| Cl ₂ Mg | Magnesium chloride | | | 762 | 908 | 1111 | 1414 | 4 |
| Cl ₂ Mn | Manganese(II) chloride | | | | 760 | 933 | 1189 | 4 |
| Cl ₂ Ni | Nickel(II) chloride | 534 s | 592 s | 662 s | 747 s | 852 s | 985 s | 4 |
| Cl ₂ OS | Thionyl chloride | -99 e | -81 e | -58 e | -27.1 | 14.6 | 75.2 | 5 |
| Cl ₂ O ₂ S | Sulfuryl chloride | | | | -27 e | 11.8 | 69.0 | 5 |
| Cl ₂ Pb | Lead(II) chloride | | | 541 e | 637 | 765 | 949 | 23 |
| Cl ₂ S | Sulfur dichloride | -76 e | -61 e | -41 e | -16.7 | 15.3 | 58.7 | 5 |
| Cl ₂ S ₂ | Sulfur chloride | -55 e | -36 e | -12 e | 21.0 | 67.2 | 137.1 | 5 |
| Cl ₂ Sn | Tin(II) chloride | | 253 | 308 | 381 | 479 | 622 | 4 |
| Cl ₂ Zn | Zinc chloride | 305 i | 356 i | 419 i | 497 i | 596 i | 726 i | 4, 9, 12 |
| Cl ₃ Fe | Iron(III) chloride | 118 s | 153 s | 190 s | 229 s | 268 s | 319 | 4 |
| Cl ₃ HSi | Trichlorosilane | | | -81 e | -56 e | -21 e | 31.6 | 7 |
| Cl ₃ N | Nitrogen trichloride | | | | -25 e | 13.2 | 70.6 | 5 |
| Cl ₃ OP | Phosphorus(V) oxychloride | | | | | 39.9 | 105.0 | 5 |
| Cl ₃ P | Phosphorus(III) chloride | -93 e | -77 e | -55 e | -26.0 | 14.5 | 75.7 | 5 |
| Cl ₄ Po | Polonium(IV) chloride | | | | | 300.6 | 389.4 | 5 |
| Cl ₄ Se | Selenium tetrachloride | 23 s | 45 s | 71 s | 102 s | 141.4 s | 191.1 s | 5 |
| Cl ₄ Si | Tetrachlorosilane* | | | | -39 e | 0 e | 57.3 | 1 |
| Cl ₄ Te | Tellurium tetrachloride | | | | 237 e | 299.4 | 387.8 | 5 |
| Cl ₄ Zr | Zirconium(IV) chloride | 117 s | 146 s | 181 s | 222 s | 272 s | 336 s | 9 |
| Cl ₅ P | Phosphorus(V) chloride | -2 s | 19 s | 44 s | 74 s | 111.4 s | 158.9 s | 5 |
| Co | Cobalt | 1517 | 1687 | 1892 | 2150 | 2482 | 2925 | 2 |
| Cr | Chromium | 1383 s | 1534 s | 1718 s | 1950 | 2257 | 2669 | 2 |
| Cs | Cesium | 144.5 | 195.6 | 260.9 | 350.0 | 477.1 | 667.0 | 13, 30 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|----------------------------------|---------------------------------|--|----------|----------|----------|----------|---------|---------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| CsF | Cesium fluoride | | | | 825 | 999 | 1249 | 4 |
| CsI | Cesium iodide | 523 s | 595 s | 692 | 854 | 1029 | 1278 | 4,25 |
| Cu | Copper | 1236 | 1388 | 1577 | 1816 | 2131 | 2563 | 2 |
| CuI | Copper(I) iodide | | | | 636 | 864 | 1331 | 4 |
| Dy | Dysprosium | 1105 s | 1250 s | 1431 i | 1681 i | 2031 i | 2558 i | 3 |
| Er | Erbium | 1231 s | 1390 s | 1612 i | 1890 i | 2279 i | 2859 i | 3 |
| Eu | Europium | 590 s | 684 s | 799 s | 961 | 1179 | 1523 | 14 |
| FH | Hydrogen fluoride* | | | | -71.1 | -33.7 | 19.2 | 1,5 |
| FHO ₃ S | Fluorosulfonic acid | -14 e | 4 e | 28 e | 59.1 | 101.3 | 162.2 | 5 |
| FK | Potassium fluoride | | | 869 | 1017 | 1216 | 1499 | 4 |
| FLi | Lithium fluoride | 801 s | 896 | 1024 | 1188 | 1395 | 1672 | 4,12,25 |
| FNO | Nitrosyl fluoride | | | -131 e | -116.1 | -94.3 | -60.1 | 5 |
| FNO ₂ | Nitryl fluoride | | -156 e | -144 e | -128.1 | -106.0 | -72.6 | 5 |
| FNO ₃ | Fluorine nitrate | -160 e | -149 e | -135 e | -115.1 | -87.4 | -45.0 | 5 |
| FNa | Sodium fluoride | | 920 s | 1058 | 1218 | 1426 | 1702 | 4,12,24 |
| FRb | Rubidium fluoride | | | 910 | 1001 | 1145 | 1409 | 4,12 |
| F ₂ | Fluorine* | -235 s | -229.5 s | -222.9 s | -214.8 | -204.3 | -188.3 | 1,5 |
| F ₂ O | Fluorine monoxide* | -211.7 | -204.7 | -195.9 | -184.2 | -168.2 | -144.9 | 5 |
| F ₂ OS | Thionyl fluoride | | | -124 e | -106.5 | -81.5 | -44.1 | 5 |
| F ₂ O ₂ Re | Rhenium(VI) dioxydifluoride | | | | 89.2 | 131.9 | 185 e | 26 |
| F ₂ Pb | Lead(II) fluoride | | | | 865 | 1054 | 1292 | 4 |
| F ₂ Xe | Xenon difluoride | | | 2.9 s | 31.8 s | 67.9 s | 114 s | 1,5 |
| F ₂ Zn | Zinc fluoride | 731 s | 813 s | 911 i | 1048 i | 1237 i | 1503 i | 9 |
| F ₃ N | Nitrogen trifluoride* | -201 e | -194 e | -185 e | -172.8 | -155.5 | -129.2 | 5 |
| F ₃ OP | Phosphorus(V) oxyfluoride | -124 s | -113 s | -100 s | -83.7 s | -64.1 s | -39.7 s | 5 |
| F ₃ P | Phosphorus(III) fluoride* | | | | -152 e | -132.6 | -101.4 | 5 |
| F ₄ MoO | Molybdenum(VI) oxytetrafluoride | -21 s | 3 s | 33 s | 69.3 s | 117.3 | 184.1 | 26 |
| F ₄ ORe | Rhenium(VI) oxytetrafluoride | 5 s | 26 s | 50.7 s | 80.1 s | 117.1 | 171.2 | 26 |
| F ₄ OW | Tungsten(VI) oxytetrafluoride | 2 s | 25 s | 52.1 s | 84.3 s | 126.7 | 185.4 | 26 |
| F ₄ S | Sulfur tetrafluoride | | | | -110.0 | -82.1 | -40.3 | 5 |
| F ₄ Se | Selenium tetrafluoride | | | | 13.6 | 51.6 | 104.7 | 5 |
| F ₄ Si | Tetrafluorosilane* | -166 s | -157 s | -145.6 s | -132.3 s | -115.7 s | -94.9 s | 4,7 |
| F ₅ Mo | Molybdenum(V) fluoride | | | 86.6 | 140.3 | 213 e | 26 | |
| F ₅ Nb | Niobium(V) fluoride | | | 80 | 140 | 224 | 4 | |
| F ₅ ORe | Rhenium(VII) oxypentafluoride | -103 s | -84 s | -59 s | -28 s | 13.7 s | 72.8 | 26 |
| F ₅ Os | Osmium(V) fluoride | | | 74.1 | 113.2 | 162.3 | 226 e | 26 |
| F ₅ P | Phosphorus(V) fluoride | -157 s | -148 s | -137 s | -124.5 s | -108.6 s | -84.8 | 5 |
| F ₅ Re | Rhenium(V) fluoride | | | 58.8 | 99.5 | 152 e | 221 e | 26 |
| F ₅ Ta | Tantalum(V) fluoride | | | | | 119 | 229 | 4 |
| F ₆ Ir | Iridium(VI) fluoride | -88 s | -71 s | -51 s | -27 s | 3.8 s | 53.1 | 26 |
| F ₆ Mo | Molybdenum(VI) fluoride | -98 s | -82 s | -64 s | -41.2 s | -13.4 s | 33.5 | 26 |
| F ₆ Os | Osmium(VI) fluoride | -89 s | -73 s | -54 s | -30.6 s | -1.7 s | 47.4 | 26 |
| F ₆ Re | Rhenium(VI) fluoride | -97 s | -82 s | -63 s | -40.2 s | -11.9 s | 33.4 | 26 |
| F ₆ S | Sulfur hexafluoride* | -158 s | -147 s | -133.6 s | -116.6 s | -94.4 s | -64.1 s | 5 |
| F ₆ Se | Selenium hexafluoride | -143 s | -132 s | -118 s | -100.7 s | -77.8 s | -46.5 s | 5 |
| F ₆ Te | Tellurium hexafluoride | -142 s | -130 s | -115 s | -96 s | -71.8 s | -39.1 s | 5 |
| F ₆ W | Tungsten(VI) fluoride | -107 s | -92 s | -74 s | -52.1 s | -24.8 s | 16.9 | 26 |
| F ₁₀ S ₂ | Sulfur decafluoride | | | | | -22.0 | 28.5 | 5 |
| Fe | Iron | 1455 s | 1617 | 1818 | 2073 | 2406 | 2859 | 2 |
| Fr | Francium | 131 e | 181 e | 246 e | 335 e | 465 e | 673 e | 2 |
| Ga | Gallium | 1037 | 1175 | 1347 | 1565 | 1852 | 2245 | 2 |
| Gd | Gadolinium | 1563 i | 1755 i | 1994 i | 2300 i | 2703 i | 3262 i | 3 |
| Ge | Germanium | 1371 | 1541 | 1750 | 2014 | 2360 | 2831 | 2 |
| HI | Hydrogen iodide* | -146 s | -135.2 s | -120.8 s | -101.9 s | -75.9 s | -35.9 | 5 |
| HKO | Potassium hydroxide | 520 e | 601 e | 704 | 842 | 1035 | 1325 | 4 |
| HNO ₃ | Nitric acid | | | -37 e | -9 e | 28.4 | 82.2 | 5 |
| HN ₃ | Hydrazoic acid | | | -79 e | -54 e | -18.0 | 35.7 | 5 |
| HNaO | Sodium hydroxide | 513 | 605 | 722 | 874 | 1080 | 1377 | 4 |
| H ₂ | Hydrogen* | | | | | -258.6 | -252.8 | 1 |
| H ₂ I ₂ Si | Diiodosilane | | | | 11.8 | 70.5 | 149.4 | 4 |
| H ₂ O | Water*** | -60.7 s | -42.2 s | -20.3 s | 7.0 | 45.8 | 99.6 | 36,37 |
| H ₂ O ₂ | Hydrogen peroxide | | | 13 e | 45 e | 89.0 | 149.8 | 5 |
| H ₂ O ₄ S | Sulfuric acid | 72 | 103 | 140 | 187 | 248 | 330 | 4 |
| H ₂ S | Hydrogen sulfide* | | -149 s | -136 s | -118.9 s | -95.9 s | -60.5 | 1,5 |
| H ₂ S ₂ | Hydrogen disulfide | | | | -27 e | 12.2 | 70.7 | 5 |
| H ₂ Se | Hydrogen selenide | -145 s | -134 s | -120 s | -102.8 s | -78.9 s | -41.5 | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | Ref. | |
|--------------------------------|--------------------------------------|--|----------|----------|----------|----------|---------|---------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | | 100 kPa |
| H ₂ Te | Hydrogen telluride | | | | | -46.6 | -2.3 | 5 |
| H ₃ ISi | Iodosilane | | | | -47.7 | -10.1 | 45.2 | 4 |
| H ₃ N | Ammonia* | -139 s | -127 s | -112 s | -94.5 s | -71.3 | -33.6 | 1,5,6 |
| H ₃ NO | Hydroxylamine | | | | 43.7 | 73.3 | 109.8 | 4 |
| H ₃ P | Phosphine* | -182 s | -173 s | -161 s | -145 s | -122.7 | -88.0 | 5 |
| H ₄ IN | Ammonium iodide | 125 s | 159 s | 201 s | 253 s | 318.4 s | 405.2 s | 5 |
| H ₄ N ₂ | Hydrazine | | | | 14.7 | 55.6 | 113 e | 5 |
| H ₄ Si | Silane* | | | -181 | -165.4 | -143.7 | -111.8 | 4 |
| He | Helium* | | | | | -270.6 | -268.9 | 2 |
| Hf | Hafnium | 2416 | 2681 | 3004 | 3406 | 3921 | 4603 | 9 |
| Hg | Mercury** | 42.0 | 76.6 | 120.0 | 175.6 | 250.3 | 355.9 | 29,30 |
| HgI ₂ | Mercury(II) iodide | 85.1 s | 115.6 s | 152.4 s | 197.8 s | 255.1 s | 353.6 | 4 |
| Ho | Holmium | 1159 s | 1311 s | 1502 i | 1767 i | 2137 i | 2691 i | 3 |
| IK | Potassium iodide | | | 731 | 866 | 1052 | 1322 | 4 |
| ILi | Lithium iodide | 545 | 619 | 710 | 824 | 972 | 1170 | 4 |
| INa | Sodium iodide | | | 753 | 883 | 1058 | 1301 | 4 |
| IRb | Rubidium iodide | | | 733 | 866 | 1045 | 1302 | 4 |
| ITl | Thallium(I) iodide | | | | 520 | 644 | 821 | 4 |
| I ₂ | Iodine (rhomboh) | -12.8 s | 9.3 s | 35.9 s | 68.7 s | 108 s | 184.0 | 1,2 |
| I ₂ Pb | Lead(II) iodide | | | 470 | 558 | 682 | 869 | 4 |
| I ₂ Zn | Zinc iodide | 301 s | 351 s | 409 s | 488 i | 598 i | 750 i | 9 |
| I ₃ Sb | Antimony(III) iodide | | | | 214.9 | 292.0 | 401.2 | 4 |
| I ₄ Sn | Tin(IV) iodide | | | | 167.1 | 242.7 | 347.7 | 4 |
| I ₄ Zr | Zirconium(IV) iodide | 187 s | 220 s | 259 s | 305 s | 361 s | 430 s | 4 |
| In | Indium | 923 | 1052 | 1212 | 1417 | 1689 | 2067 | 2 |
| Ir | Iridium | 2440 s | 2684 | 2979 | 3341 | 3796 | 4386 | 2 |
| K | Potassium | 200.2 | 256.5 | 328 | 424 | 559 | 756.2 | 13,30 |
| Kr | Krypton* | -214.0 s | -208.0 s | -199.4 s | -188.9 s | -174.6 s | -153.6 | 5 |
| La | Lanthanum | 1732 i | 1935 i | 2185 i | 2499 i | 2905 i | 3453 i | 3 |
| Li | Lithium | 524.3 | 612.3 | 722.1 | 871.2 | 1064.3 | 1337.1 | 13,30 |
| Lu | Lutetium | 1633 s | 1829.8 | 2072.8 | 2380 i | 2799 i | 3390 i | 3 |
| Mg | Magnesium | 428 s | 500 s | 588 s | 698 | 859 | 1088 | 2 |
| Mn | Manganese | 955 s | 1074 s | 1220 s | 1418 | 1682 | 2060 | 2 |
| Mo | Molybdenum | 2469 s | 2721 | 3039 | 3434 | 3939 | 4606 | 2 |
| MoO ₃ | Molybdenum(VI) oxide | | | | 801 | 935 | 1151 | 4 |
| NO | Nitric oxide* | -201 s | -195 s | -188 s | -179.3 s | -168.1 s | -151.9 | 5 |
| N ₂ | Nitrogen* | -236 s | -232 s | -226.8 s | -220.2 s | -211.1 s | -195.9 | 1,5 |
| N ₂ O | Nitrous oxide* | -167 s | -157 s | -145.4 s | -131.1 s | -112.9 s | -88.7 | 5 |
| N ₂ O ₄ | Nitrogen tetroxide | -92 s | -78 s | -61 s | -41.1 s | -16.6 s | 28.7 | 5 |
| N ₂ O ₅ | Nitrogen pentoxide | -71 s | -56 s | -40 s | -19.9 s | 3.9 s | 33.2 | 5 |
| Na | Sodium | 280.6 | 344.2 | 424.3 | 529 | 673 | 880.2 | 13,30 |
| Nb | Niobium | 2669 | 2934 | 3251 | 3637 | 4120 | 4740 | 2 |
| Nd | Neodymium | 1322.3 | 1501.2 | 1725.3 | 2023 i | 2442 i | 3063 i | 3 |
| Ne | Neon* | -261 s | -260 s | -258 s | -255 s | -252 s | -246.1 | 2 |
| Ni | Nickel | 1510 | 1677 | 1881 | 2137 | 2468 | 2911 | 2 |
| OPb | Lead(II) oxide | 724 | 816 | 928 | 1065 | 1241 | 1471 | 4 |
| OSr | Strontium oxide | 1789 s | 1903 s | 2047 s | 2235 s | 2488 s | | 4 |
| O ₂ | Oxygen* | | | | -211.9 | -200.5 | -183.1 | 1,28 |
| O ₂ S | Sulfur dioxide* | | | -98 s | -80 s | -52.2 | -10.3 | 1,5 |
| O ₂ Se | Selenium dioxide | 124.5 s | 153.9 s | 188 s | 228 s | 275 s | 315 s | 38 |
| O ₂ Si | Silicon dioxide | 1966 i | 2149 i | 2368 i | | | | 8 |
| O ₃ | Ozone* | -189 e | -182 e | -172 e | -158 e | -139.7 | -111.5 | 5 |
| O ₃ P ₂ | Phosphorus(III) oxide | | | | 47.3 | 100.3 | 172.8 | 4 |
| O ₃ S | Sulfur trioxide | | | | -20 s | 6.6 s | 44.5 | 5 |
| O ₃ Sb ₂ | Antimony(III) oxide (valentinite) | 426.1 s | 478 s | 539 s | 610 s | 907 | 1420 | 4,35 |
| O ₅ P ₂ | Phosphorus(V) oxide | 285 s | 328 s | 377.5 s | 434.4 s | 500.5 s | 591 | 4 |
| O ₇ Re ₂ | Rhenium(VII) oxide | 147 s | 176 s | 208 s | 244 s | 284 s | 362 | 4 |
| Os | Osmium | 2887 s | 3150 | 3478 | 3875 | 4365 | 4983 | 2 |
| P | Phosphorus (white) | 6 s | 34 s | 69 | 115 | 180 | 276 | 3,9 |
| P | Phosphorus (red) | 182 s | 216 s | 256 s | 303 s | 362 s | 431 s | 2,3 |
| Pb | Lead | 705 | 815 | 956 | 1139 | 1387 | 1754 | 2 |
| PbS | Lead(II) sulfide | 656 s | 741 s | 838 s | 953 s | 1088 s | 1280 | 4 |
| Pd | Palladium | 1448 s | 1624 | 1844 | 2122 | 2480 | 2961 | 2 |
| Po | Polonium | | | | 573 e | 730.2 | 963.3 | 5 |
| Pr | Praseodymium | 1497.7 | 1699.4 | 1954 i | 2298 i | 2781 i | 3506 i | 3 |
| Pt | Platinum | 2057 | 2277 e | 2542 | 2870 | 3283 | 3821 | 2 |

VAPOR PRESSURE (continued)

Temperature in °C for the indicated pressure

| Mol. Form. | Name | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | Ref. |
|------------|------------|--------|--------|--------|----------|----------|---------|-------|
| Pu | Plutonium | 1483 | 1680 | 1925 | 2238 | 2653 | 3226 | 2 |
| Ra | Radium | 546 s | 633 s | 764 | 936 | 1173 | 1526 | 2 |
| Rb | Rubidium | 160.4 | 212.5 | 278.9 | 368 | 496.1 | 685.3 | 13,30 |
| Re | Rhenium | 3030 s | 3341 | 3736 | 4227 | 4854 | 5681 | 2 |
| Rh | Rhodium | 2015 | 2223 | 2476 | 2790 | 3132 | 3724 | 2 |
| Rn | Radon* | -163 s | -152 s | -139 s | -121.4 s | -97.6 s | -62.3 | 5 |
| Ru | Ruthenium | 2315 s | 2538 | 2814 | 3151 | 3572 | 4115 | 2 |
| S | Sulfur | 102 s | 135 | 176 | 235 | 318 | 444 | 3 |
| Sb | Antimony | 534 s | 603 s | 738 | 946 | 1218 | 1585 | 2,3 |
| Sc | Scandium | 1372 s | 1531 s | 1733 i | 1993 i | 2340 i | 2828 i | 3 |
| Se | Selenium | 227 | 279 | 344 | 431 | 540 | 685 | 3 |
| Si | Silicon | 1635 | 1829 | 2066 | 2363 | 2748 | 3264 | 2 |
| Sm | Samarium | 728 s | 833 s | 967 s | 1148 i | 1402 i | 1788 i | 3 |
| Sn | Tin | 1224 | 1384 | 1582 | 1834 | 2165 | 2620 | 2 |
| Sr | Strontium | 523 s | 609 s | 717 s | 866 | 1072 | 1373 | 2 |
| Ta | Tantalum | 3024 | 3324 | 3684 | 4122 | 4666 | 5361 | 2 |
| Tb | Terbium | 1516.1 | 1706.1 | 1928 i | 2232 i | 2640 i | 3218 i | 3 |
| Tc | Technetium | 2454 e | 2725 e | 3051 e | 3453 e | 3961 e | 4621 e | 2 |
| Te | Tellurium | | | 502 e | 615 e | 768.8 | 992.4 | 5 |
| Th | Thorium | 2360 | 2634 | 2975 | 3410 | 3986 | 4782 | 2 |
| Ti | Titanium | 1709 | 1898 | 2130 e | 2419 | 2791 | 3285 | 2 |
| Tl | Thallium | 609 | 704 | 824 | 979 | 1188 | 1485 | 2 |
| Tm | Thulium | 844 s | 962 s | 1108 s | 1297 s | 1548 i | 1944 i | 3 |
| U | Uranium | 2052 | 2291 | 2586 | 2961 | 3454 | 4129 | 2 |
| V | Vanadium | 1828 s | 2016 | 2250 | 2541 | 2914 | 3406 | 2 |
| W | Tungsten | 3204 s | 3500 | 3864 | 4306 | 4854 | 5550 | 2 |
| Xe | Xenon* | -190 s | -181 s | -170 s | -155.8 s | -136.6 s | -108.4 | 5,32 |
| Y | Yttrium | 1610.1 | 1802.3 | 2047 i | 2354 i | 2763 i | 3334 i | 3 |
| Yb | Ytterbium | 463 s | 540 s | 637 s | 774 s | 993 i | 1192 i | 3 |
| Zn | Zinc | 337 s | 397 s | 477 | 579 | 717 | 912 e | 2 |
| Zr | Zirconium | 2366 | 2618 | 2924 | 3302 | 3780 | 4405 | 2 |

Substances containing carbon:

| | | | | | | | | |
|----------------------------------|---------------------------------|----------|---------|----------|----------|---------|--------|-----|
| C | Carbon (graphite) | | 2566 s | 2775 s | 3016 s | 3299 s | 3635 s | 15 |
| CBrClF ₂ | Bromochloro- difluoromethane | -136 e | -123 e | -106 e | -83.4 | -51.8 | -4.3 | 1 |
| CBrCl ₃ | Bromotrichloromethane | | | | -6 e | 38.9 | 104.4 | 5 |
| CBrF ₃ | Bromotrifluoromethane* | -168 e | -156 e | -142 e | -122.8 | -96.6 | -58.1 | 5 |
| CBrN | Cyanogen bromide | | | | -13 s | 17.7 s | 61.0 | 1 |
| CBr ₂ F ₂ | Dibromodifluoromethane | | -110 e | -91 e | -66 e | -30 e | 22.5 | 1 |
| CBr ₄ | Tetrabromomethane | | | 25.6 s | 65.8 s | 111.6 | 188.9 | 5 |
| CClF ₃ | Chlorotrifluoromethane | -176 e | -167 e | -155 e | -139 e | -116 e | -81.7 | 5 |
| CClN | Cyanogen chloride | | -94.6 s | -78.1 s | -57 s | -29 s | 13.0 | 5 |
| CCl ₂ F ₂ | Dichlorodifluoromethane* | -150 e | -138 e | -122 e | -101.8 | -73.1 | -30.0 | 5 |
| CCl ₂ O | Carbonyl chloride | -127 e | -113 e | -96 e | -73 e | -40.6 | 7.2 | 5 |
| CCl ₃ F | Trichlorofluoromethane* | | -107 e | -89 e | -63 e | -28.5 | 23.3 | 1,5 |
| CCl ₃ NO ₂ | Trichloronitromethane | | -59 e | -30 e | 4.4 | 47.8 | 112.0 | 5 |
| CCl ₄ | Tetrachloromethane* | -79.4 s | -70.8 s | -53.5 s | -24.4 s | 15.8 | 76.2 | 1,5 |
| CFN | Cyanogen fluoride | | -135 s | -121.2 s | -104.1 s | -82.8 s | -46.2 | 1,5 |
| CF ₄ | Tetrafluoromethane* | -199.9 s | -193 s | -183.9 s | -171.6 | -153.9 | -128.3 | 1,5 |
| CHBrF ₂ | Bromodifluoromethane | | -128 s | -111.4 s | -89.7 s | -59.7 s | -16 s | 5 |
| CHBr ₃ | Tribromomethane | | | | 30.5 | 78.3 | 148.8 | 1 |
| CHClF ₂ | Chlorodifluoromethane* | -152 e | -141 e | -126 e | -107.1 | -80.5 | -41.1 | 5 |
| CHCl ₂ F | Dichlorofluoromethane | -76 e | -70 e | -61 e | -49 e | -28.7 | 8.6 | 1 |
| CHCl ₃ | Trichloromethane* | | | -61 e | -34 e | 4.3 | 60.8 | 1 |
| CHF ₃ | Trifluoromethane* | | | -152 e | -136 e | -114.4 | -82.3 | 1 |
| CHI ₃ | Triiodomethane | 51.1 s | 82.7 s | 121 e | | | 218.0 | 5 |
| CHN | Hydrogen cyanide* | | | -77 s | -52.6 s | -22.7 s | 25.4 | 1,5 |
| CHNO | Cyanic acid | | | -81.1 | -56.8 | -23.9 | 23 e | 5 |
| CH ₂ BrCl | Bromochloromethane | -83 e | -69 e | -50 e | -25 e | 11.4 | 67.7 | 1 |
| CH ₂ Br ₂ | Dibromomethane | | | -37 e | -7 e | 35.2 | 96.5 | 5 |
| CH ₂ ClF | Chlorofluoromethane | | -124 e | -108 e | -86.2 | -55.7 | -9.4 | 5 |
| CH ₂ Cl ₂ | Dichloromethane* | | -92 e | -73 e | -48 e | -12.5 | 39.3 | 1 |
| CH ₂ F ₂ | Difluoromethane* | -156.7 | -145.8 | -131.9 | -113.6 | -88.6 | -51.9 | 1 |
| CH ₂ I ₂ | Diiodomethane | | | 17 e | 55 e | 106.1 | 181.6 | 5 |
| CH ₂ O | Formaldehyde* | | | | -91 e | -61.7 | -19.3 | 1 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. | |
|---|--|--|----------|----------|----------|----------|---------|------|---|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | | |
| CH ₂ O ₂ | Formic acid | -56 s | -40.4 s | -22.3 s | -0.8 s | 37.0 | 100.2 | 1,5 | |
| CH ₃ AsF ₂ | Methyldifluoroarsine | | | | -15 e | 22.1 | 76.1 | 5 | |
| CH ₃ BO | Borane carbonyl | | | | -124 | -99 | -64 | 4 | |
| CH ₃ Br | Bromomethane | | | | -77 e | -44.3 | 3.3 | 1 | |
| CH ₃ Cl | Chloromethane* | -140.2 s | -128.6 s | -114.7 s | -96 e | -67.1 | -24.4 | 1,33 | |
| CH ₃ Cl ₃ Si | Methyltrichlorosilane | | -83 e | -61 e | -33 e | 7 e | 65.7 | 1 | |
| CH ₃ F | Fluoromethane* | | | | -130 e | -111 e | -78.6 | 1 | |
| CH ₃ I | Iodomethane | | | | -49 e | -12.4 | 42.1 | 1 | |
| CH ₃ NO | Formamide | | 22 e | 53 e | 93 e | 145.0 | 218 e | 5 | |
| CH ₃ NO ₂ | Nitromethane | | | | -2 e | 40 e | 100.8 | 1 | |
| CH ₃ NO ₃ | Methyl nitrate | | -75 e | -55 e | -27 e | 9.8 | 63 e | 5 | |
| CH ₄ | Methane* | -220 s | -214.2 s | -206.8 s | -197 s | -183.6 s | -161.7 | 5,41 | |
| CH ₂ Cl ₂ Si | Dichloromethylsilane | | | | -77 e | -51 e | -14 e | 40.5 | 1 |
| CH ₄ O | Methanol* | -87 e | -69 e | -47.5 | -20.4 | 15.2 | 64.2 | 11 | |
| CH ₄ S | Methanethiol | | -115 e | -97 e | -74 e | -41.7 | 5.7 | 1 | |
| CH ₃ ClSi | Chloromethylsilane | -129 e | -115 e | -97.9 | -74.4 | -41.5 | 8.3 | 5 | |
| CH ₅ N | Methylamine | | | | -76.7 | -48.1 | -6.6 | 1 | |
| CH ₆ N ₂ | Methylhydrazine | | | -31 e | -4.7 | 32.9 | 91 e | 1 | |
| CH ₆ O ₂ Si | Methyl silyl ether | | | | -90.2 | -61.8 | -18 e | 1 | |
| CH ₆ Si | Methylsilane | | | -144 e | -124.6 | -97.5 | -57.5 | 5 | |
| CIN | Cyanogen iodide | | | | | | 153.8 | 5 | |
| CNNa | Sodium cyanide | | 672 e | 798 | 961 | 1182 | 1497 | 4 | |
| CN ₄ O ₈ | Tetranitromethane | | | | 18.0 | 61.8 | 124 e | 5 | |
| CO | Carbon monoxide* | | | -223 s | -216.5 s | -207.2 s | -191.7 | 40 | |
| COS | Carbon oxysulfide* | | | -136 e | -117 e | -90.0 | -50.4 | 1 | |
| COSe | Carbon oxyselenide | | | -120 | -98 | -67 | -22 | 4 | |
| CO ₂ | Carbon dioxide* | -159.1 s | -148.9 s | -136.7 s | -121.6 s | -103.1 s | -78.6 s | 5 | |
| CS ₂ | Carbon disulfide | | -96 e | -76 e | -49 e | -10.9 | 45.9 | 1 | |
| CSe ₂ | Carbon diselenide | | | -24 e | 9.4 | 56.2 | 127 e | 1 | |
| C ₂ Br ₂ ClF ₃ | 1,2-Dibromo-1-chloro- 1,2,2-trifluoroethane | | | | | | 92.3 | 5 | |
| C ₂ Br ₂ F ₄ | 1,2-Dibromotetrafluoroethane | | -97 e | -75 e | -46 e | -7.2 | 47.1 | 5 | |
| C ₂ Br ₄ | Tetrabromoethylene | | -54.5 s | -31.7 s | -3.5 s | 32.2 s | 226.0 | 5 | |
| C ₂ ClF ₃ | Chlorotrifluoroethylene | -146 e | -134 e | -119 e | -99 e | -71 e | -28.4 | 1 | |
| C ₂ ClF ₅ | Chloropentafluoroethane | | | | | -80.3 | -39.4 | 1 | |
| C ₂ Cl ₂ F ₄ | 1,1-Dichlorotetrafluoroethane | | | | | -45.4 | 2.7 | 5 | |
| C ₂ Cl ₂ F ₄ | 1,2-Dichlorotetrafluoroethane | | | | -76.8 | -44.9 | 3.2 | 5 | |
| C ₂ Cl ₃ F ₃ | 1,1,1-Trichlorotrifluoroethane | | | | | | 45.6 | 1,5 | |
| C ₂ Cl ₃ F ₃ | 1,1,2-Trichlorotrifluoroethane | | | | | -8.2 | 47.3 | 1,5 | |
| C ₂ Cl ₃ N | Trichloroacetonitrile | | | | -16 e | 25.3 | 85.1 | 1 | |
| C ₂ Cl ₄ | Tetrachloroethylene | | | -22 e | 10 e | 54.4 | 120.7 | 1 | |
| C ₂ Cl ₄ F ₂ | 1,1,1,2-Tetrachloro- 2,2-difluoroethane | | | | -7 e | 31.0 | 91.1 | 5 | |
| C ₂ Cl ₄ F ₂ | 1,1,2,2-Tetrachloro- 1,2-difluoroethane | | | | | 32.3 | 92.5 | 1 | |
| C ₂ Cl ₄ O | Trichloroacetyl chloride | | | -25 e | 7 e | 51.7 | 117.8 | 1,5 | |
| C ₂ Cl ₆ | Hexachloroethane | -7.6 s | 9.9 s | 33.6 s | 67.7 s | 116.9 s | 184.2 s | 5 | |
| C ₂ F ₃ N | Trifluoroacetonitrile | | | | -126.1 | -102.5 | -67.8 | 1 | |
| C ₂ F ₄ | Tetrafluoroethylene | | | | -132.3 | -109.7 | -75.8 | 1 | |
| C ₂ F ₄ N ₂ O ₄ | 1,1,2,2-Tetrafluoro- 1,2-dinitroethane | | | | -30 e | 6.4 | 59.5 | 5 | |
| C ₂ F ₆ | Hexafluoroethane** | | | -155.2 s | -137.5 s | -113.4 s | -78.4 s | 1,5 | |
| C ₂ HBrClF ₃ | 2-Bromo-2-chloro- 1,1,1-trifluoroethane | | | | -41.4 | -4.8 | 49.8 | 1 | |
| C ₂ HBr ₃ O | Tribromoacetaldehyde | | | 15.0 | 52.7 | 103.0 | 173.5 | 5 | |
| C ₂ HClF ₄ | 1-Chloro-1,1,2,2- tetrafluoroethane | | | -110 e | -87.6 | -57.0 | -12.1 | 5 | |
| C ₂ HCl ₂ F ₃ | 2,2-Dichloro-1,1,1- trifluoroethane | | -101.0 | -82.2 | -57.4 | -23.3 | 26.7 | 18 | |
| C ₂ HCl ₃ | Trichloroethylene | -74 e | -59 e | -39 e | -12 e | 26.7 | 86.8 | 1 | |
| C ₂ HCl ₃ O | Trichloroacetaldehyde | | | -41.6 | -9.8 | 33.8 | 97.4 | 5 | |
| C ₂ HCl ₃ O ₂ | Trichloroacetic acid | | | | 83.8 | 130.0 | 197.2 | 1,5 | |
| C ₂ HCl ₅ | Pentachloroethane | | -23 e | 3 e | 37.4 | 86.0 | 159.4 | 1 | |
| C ₂ HF ₃ O ₂ | Trifluoroacetic acid | | | | | 16.8 | 71.4 | 1,5 | |
| C ₂ HF ₃ O | Trifluoromethyl difluoromethyl ether | -147 e | -136 e | -121 e | -102 e | -75.0 | -35.4 | 20 | |
| C ₂ H ₂ | Acetylene* | | | -146.6 s | -130.7 s | -110.6 s | -84.8 s | 5 | |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|---|------------------------------------|--|---------|--------|--------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₂ H ₂ Br ₂ | <i>cis</i> -1,2-Dibromoethylene | | -45 e | -21 e | 10 e | 52.2 | 114.8 | 1 |
| C ₂ H ₂ Br ₂ | <i>trans</i> -1,2-Dibromoethylene | | | | -4 e | 42.2 | 107.4 | 5 |
| C ₂ H ₂ Br ₂ Cl ₂ | 1,2-Dibromo-1,1-dichloroethane | | | | | 103.6 | 177.8 | 5 |
| C ₂ H ₂ Br ₂ Cl ₂ | 1,2-Dibromo-1,2-dichloroethane | | -11 e | 22 e | 64.1 | 119 e | 193 e | 5 |
| C ₂ H ₂ Br ₄ | 1,1,2,2-Tetrabromoethane | 14 e | 38 e | 69 e | 109 e | 163.7 | 242.9 | 5 |
| C ₂ H ₂ Cl ₂ | 1,1-Dichloroethylene | -116 e | -101 e | -82 e | -57 e | -21.4 | 31.2 | 1 |
| C ₂ H ₂ Cl ₂ | <i>cis</i> -1,2-Dichloroethylene | | | -62 e | -34 e | 3.8 | 60.3 | 1 |
| C ₂ H ₂ Cl ₂ | <i>trans</i> -1,2-Dichloroethylene | | | | -44 e | -7.5 | 47.3 | 1 |
| C ₂ H ₂ Cl ₂ F ₂ | 1,2-Dichloro-1,1-difluoroethane | -101 e | -87 e | -68 e | -42.2 | -6.8 | 46.3 | 5 |
| C ₂ H ₂ Cl ₂ O | Chloroacetyl chloride | | | -23.7 | 5.6 | 46.1 | 105.6 | 5 |
| C ₂ H ₂ Cl ₄ | 1,1,1,2-Tetrachloroethane | -58 e | -40 e | -15 e | 17 e | 62.2 | 129.7 | 1 |
| C ₂ H ₂ Cl ₄ | 1,1,2,2-Tetrachloroethane | | -22 e | 1 e | 32.4 | 76.9 | 144.7 | 1 |
| C ₂ H ₂ F ₄ | 1,1,1,2-Tetrafluoroethane | | | | -94.3 | -66.8 | -26.4 | 17 |
| C ₂ H ₂ F ₄ | 1,1,2,2-Tetrafluoroethane | | | | -96.0 | -66.9 | -23.3 | 5 |
| C ₂ H ₂ O | Ketene | | -151 e | -135 e | -115 e | -88.2 | -50.0 | 1 |
| C ₂ H ₃ Br | Bromoethylene | -124 e | -110 e | -92 e | -68 e | -34.5 | 15.4 | 5 |
| C ₂ H ₃ BrO | Acetyl bromide | -78 e | -65 e | -49 e | -25 e | 13.9 | 84 e | 5 |
| C ₂ H ₃ Br ₃ | 1,1,2-Tribromoethane | -18 e | 4 e | 32 e | 68 e | 117.1 | 188.4 | 5 |
| C ₂ H ₃ Cl | Chloroethylene | -139 e | -127 e | -110 e | -89 e | -59.0 | -14.1 | 1 |
| C ₂ H ₃ ClF ₂ | 1-Chloro-1,1-difluoroethane | | -123 e | -107 e | -85.3 | -55.4 | -10.5 | 5 |
| C ₂ H ₃ ClO | Acetyl chloride | -100 e | -85 e | -66 e | -40 e | -3.6 | 50.4 | 1 |
| C ₂ H ₃ ClO ₂ | Chloroacetic acid | | | | 78.4 | 123.9 | 188.9 | 1 |
| C ₂ H ₃ Cl ₂ F | 1,1-Dichloro-1-fluoroethane | | -101 e | -83 e | -57.9 | -22.7 | 31.4 | 5 |
| C ₂ H ₃ Cl ₂ F | 1,2-Dichloro-1-fluoroethane | | | -50 e | -23.8 | 14.1 | 73.4 | 5 |
| C ₂ H ₃ Cl ₃ | 1,1,1-Trichloroethane | | | | -25.3 | 14.2 | 73.7 | 5 |
| C ₂ H ₃ Cl ₃ | 1,1,2-Trichloroethane | | | -23 e | 7 e | 49.9 | 113.4 | 1 |
| C ₂ H ₃ F | Fluoroethylene | | | -153.3 | -135.2 | -109.9 | -72.2 | 5 |
| C ₂ H ₃ FO | Acetyl fluoride | | | | | -64.1 | 17.0 | 5 |
| C ₂ H ₃ F ₃ | 1,1,1-Trifluoroethane | | | | -113 e | -86.6 | -47.8 | 1 |
| C ₂ H ₃ F ₃ O | 2,2,2-Trifluoroethanol | | | -33 e | -8 e | 26.0 | 74 e | 5 |
| C ₂ H ₃ I | Iodoethylene | | | | -41 e | -3 e | 55.6 | 5 |
| C ₂ H ₃ IO | Acetyl iodide | | | | -0.6 | 47 e | 107.0 | 5 |
| C ₂ H ₃ N | Acetonitrile | | | | -20 e | 21.4 | 81.2 | 1 |
| C ₂ H ₃ NO | Methylisocyanate | | | | -43.5 | -10.2 | 38.8 | 1 |
| C ₂ H ₃ NS | Methyl thiocyanate | | | -18.4 | 16.2 | 63.5 | 132.5 | 5 |
| C ₂ H ₄ | Ethylene* | | | | -155.6 | -135.1 | -104.0 | 1,10 |
| C ₂ H ₄ BrCl | 1-Bromo-2-chloroethane | | | | -0.4 | 41.7 | 105.7 | 6 |
| C ₂ H ₄ Br ₂ | 1,1-Dibromoethane | | -49 e | -26 e | 5 e | 46.4 | 107.6 | 5 |
| C ₂ H ₄ Br ₂ | 1,2-Dibromoethane | | | | 18 e | 62.2 | 130.9 | 1 |
| C ₂ H ₄ ClF | 1-Chloro-1-fluoroethane | | | | -69.9 | -36.1 | 15.8 | 5 |
| C ₂ H ₄ Cl ₂ | 1,1-Dichloroethane | | -84 e | -64 e | -36.7 | 1.0 | 56.9 | 1 |
| C ₂ H ₄ Cl ₂ | 1,2-Dichloroethane | | | | -16.4 | 23.7 | 83.1 | 1 |
| C ₂ H ₄ F ₂ | 1,1-Difluoroethane | | | -115.2 | -94.6 | -66.1 | -24.3 | 19 |
| C ₂ H ₄ N ₂ O ₆ | Ethylene glycol dinitrate | 4 e | 25.6 | 51.0 | 81 e | 117 e | 162 e | 5 |
| C ₂ H ₄ O | Acetaldehyde | | -105 e | -87 e | -62.8 | -29.4 | 20.0 | 5 |
| C ₂ H ₄ O | Ethylene oxide | | -111 e | -93 e | -70 e | -37.0 | 10.2 | 1 |
| C ₂ H ₄ O ₂ | Acetic acid | -42.8 s | -26.7 s | -8 s | 14.2 s | 55.9 | 117.5 | 1,5 |
| C ₂ H ₄ O ₂ | Methyl formate | | -95 e | -76 e | -51.8 | -18.1 | 31.4 | 5 |
| C ₂ H ₄ O ₃ | Peroxyacetic acid | | | | 14.4 | 55.3 | 109.7 | 5 |
| C ₂ H ₄ O ₃ | Glycolic acid | | | | | | 99.9 | 5 |
| C ₂ H ₅ AsF ₂ | Ethyldifluoroarsine | | | -36 e | -6.0 | 35.0 | 93.1 | 5 |
| C ₂ H ₅ Br | Bromoethane | -111 e | -96 e | -77 e | -51.3 | -15.5 | 38.0 | 5 |
| C ₂ H ₅ Cl | Chloroethane | -126 e | -112 e | -94 e | -70 e | -37.0 | 12.0 | 1 |
| C ₂ H ₅ ClO | 2-Chloroethanol | -61 e | -39 e | -12 e | 23 e | 67.1 | 127.3 | 5 |
| C ₂ H ₅ ClO | Chloromethyl methyl ether | -96 e | -80 e | -59 e | -32 e | 6 e | 61 e | 5 |
| C ₂ H ₅ Cl ₃ OSi | Trichloroethoxysilane | -78 e | -60 e | -36.0 | -4.6 | 38.7 | 102.0 | 5 |
| C ₂ H ₅ Cl ₃ Si | Trichloroethylsilane | -79 e | -61 e | -38 e | -8 e | 34.9 | 98.7 | 5 |
| C ₂ H ₅ F | Fluoroethane | | -142 e | -127 e | -106.3 | -78.7 | -37.9 | 1 |
| C ₂ H ₅ FO | 2-Fluoroethanol | | | -22 e | 8.3 | 47.5 | 99 e | 5 |
| C ₂ H ₅ I | Iodoethane | -94 e | -78 e | -56 e | -27.9 | 11.9 | 71.9 | 5 |
| C ₂ H ₅ N | Ethyleneimine | | -74 e | -55 e | -30 e | 4.1 | 55 e | 5 |
| C ₂ H ₅ NO | Acetamide | 16.7 s | 39.1 s | 65.2 s | 102.8 | 150.8 | 218.2 | 5 |
| C ₂ H ₅ NO | <i>N</i> -Methylformamide | | 13 e | 41 e | 78 e | 127.9 | 199.1 | 1 |
| C ₂ H ₅ NO ₂ | Nitroethane | -61 e | -44 e | -21 e | 8.3 | 50.1 | 113.5 | 5 |
| C ₂ H ₅ NO ₃ | Ethyl nitrate | -81 e | -63 e | -41 e | -12 e | 28.2 | 87 e | 1 |
| C ₂ H ₆ | Ethane* | -183.3 s | -173.2 | -161.3 | -145.3 | -122.8 | -88.8 | 41 |
| C ₂ H ₆ Cl ₂ Si | Dichlorodimethylsilane | | | | | 11.1 | 70.1 | 5 |

VAPOR PRESSURE (continued)

Temperature in °C for the indicated pressure

| Mol. Form. | Name | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | Ref. |
|--|-----------------------------------|--------|----------|---------|---------|---------|---------|------|
| C ₂ H ₆ Hg | Dimethyl mercury | | | | -13.5 | 29.0 | 92.1 | 5 |
| C ₂ H ₆ N ₂ O | N-Nitrosodimethylamine | | | | 30.7 | 80.5 | 149.8 | 5 |
| C ₂ H ₆ O | Ethanol | -73 e | -56 e | -34 e | -7 e | 29.2 | 78.0 | 1,5 |
| C ₂ H ₆ O | Dimethyl ether* | | -135 e | -118 e | -96.8 | -67.6 | -25.1 | 1,5 |
| C ₂ H ₆ OS | Dimethyl sulfoxide | | | 27.4 | 65.0 | 115.9 | 188.6 | 1 |
| C ₂ H ₆ O ₂ | Ethylene glycol | 2 e | 24 e | 51.1 | 86.1 | 132.5 | 196.9 | 1 |
| C ₂ H ₆ O ₂ | Ethyl hydroperoxide | -70 e | -49 e | -25 e | 6.8 | 47.0 | 101 e | 5 |
| C ₂ H ₆ O ₂ S | Dimethyl sulfone | | | | 109 e | 166.8 | 248.9 | 5 |
| C ₂ H ₆ S | Ethanethiol | -112 e | -97 e | -78 e | -53 e | -18 e | 34.7 | 1 |
| C ₂ H ₆ S | Dimethyl sulfide | | -96 e | -77 e | -51.2 | -16.0 | 37.0 | 1,5 |
| C ₂ H ₆ S ₂ | Dimethyl disulfide | -71 e | -53 e | -29 e | 1.7 | 45.0 | 109.3 | 5 |
| C ₂ H ₇ BO ₂ | Dimethoxyborane | -116 e | -101.9 | -83.5 | -59.2 | -25.4 | 25 e | 5 |
| C ₂ H ₇ N | Ethylamine | | | -71 e | -53 e | -27 e | 16.4 | 1 |
| C ₂ H ₇ N | Dimethylamine | | | -88 e | -66.9 | -37.2 | 6.6 | 1 |
| C ₂ H ₇ NO | Ethanolamine | | 11 e | 35 e | 66.2 | 109.0 | 170.6 | 1 |
| C ₂ H ₈ N ₂ | 1,2-Ethanediamine | | | | 17.0 | 57.5 | 116.6 | 1,5 |
| C ₂ H ₈ N ₂ | 1,1-Dimethylhydrazine | | | -52 e | -25.6 | 10.5 | 63 e | 5 |
| C ₂ H ₈ N ₂ | 1,2-Dimethylhydrazine | | -49 e | -33 e | -9 e | 26.4 | 88 e | 1 |
| C ₂ N ₂ | Cyanogen | -127 s | -114.1 s | -98.5 s | -79.2 s | -54.9 s | -21.4 | 5 |
| C ₃ ClF ₅ O | Chloropentafluoroacetone | -122 e | -109 e | -93 e | -71 e | -39.4 | 7.4 | 5 |
| C ₃ Cl ₆ | Hexachloropropene | -12 e | 11 e | 40 e | 79 e | 132.8 | 213.6 | 5 |
| C ₃ F ₆ | Perfluoropropene | -150 e | -138 e | -122 e | -101 e | -72 e | -30.6 | 5 |
| C ₃ F ₆ O | Perfluoroacetone | | | -113 e | -94 e | -67.8 | -27.6 | 5 |
| C ₃ F ₈ | Perfluoropropane | | -139 e | -124 e | -105 e | -77.5 | -37.0 | 1 |
| C ₃ HN | Cyanoacetylene | | | -58.7 s | -35.6 s | -7 s | 42.0 | 5 |
| C ₃ H ₂ F ₆ O | 1,1,1,3,3,3-Hexafluoro-2-propanol | | | | | 12.7 | 57.1 | 5 |
| C ₃ H ₃ F ₅ | 1,1,1,2,2-Pentafluoropropane | | | | | -60 e | -17.9 | 5 |
| C ₃ H ₃ N | 2-Propenenitrile | | -72 e | -50 e | -22 e | 17.7 | 77.0 | 1 |
| C ₃ H ₃ NS | Thiazole | | | | | 54.4 | 117.8 | 5 |
| C ₃ H ₄ | Allene* | | -129 e | -118 e | -101.4 | -76.7 | -34.7 | 5 |
| C ₃ H ₄ | Propyne | | | | -94 e | -65.3 | -23.2 | 1 |
| C ₃ H ₄ ClF ₃ | 3-Chloro-1,1,1-trifluoropropane | -102 e | -87 e | -68 e | -43 e | -8 e | 45.3 | 5 |
| C ₃ H ₄ Cl ₂ O | 1,1-Dichloroacetone | | | | 1 e | 47.8 | 118.0 | 5 |
| C ₃ H ₄ Cl ₂ O ₂ | Methyl dichloroacetate | -44 e | -25 e | 0 e | 33 e | 77.7 | 142.3 | 5 |
| C ₃ H ₄ Cl ₄ | 1,1,1,2-Tetrachloropropane | -48 e | -28 e | -2 e | 32 e | 79.1 | 149.5 | 5 |
| C ₃ H ₄ F ₄ O | 2,2,3,3-Tetrafluoro-1-propanol | | | -10 e | 17 e | 53.9 | 107.2 | 5 |
| C ₃ H ₄ O | Acrolein | | -87 e | -67 e | -40 e | -3.0 | 52.8 | 1 |
| C ₃ H ₄ O ₂ | Propenoic acid | | | | 35 e | 78.0 | 140.7 | 1 |
| C ₃ H ₄ O ₂ | Vinyl formate | | | -58 e | -34 e | -1.6 | 46.2 | 1 |
| C ₃ H ₄ O ₂ | 2-Oxetanone | | -21 e | 8 e | 45.5 | 93.8 | 159.3 | 5 |
| C ₃ H ₄ O ₃ | Ethylene carbonate | 12.7 s | 37 e | | | | 247 | 5 |
| C ₃ H ₅ Br | cis-1-Bromopropene | -100 e | -84 e | -64 e | -37 e | 1.0 | 57.4 | 5 |
| C ₃ H ₅ Br | 2-Bromopropene | -112 e | -95 e | -75 e | -47 e | -9 e | 48.0 | 5 |
| C ₃ H ₅ Br | 3-Bromopropene | -98 e | -80 e | -58 e | -28 e | 12 e | 69.6 | 5 |
| C ₃ H ₅ Cl | cis-1-Chloropropene | -114 e | -100 e | -81 e | -55 e | -20.1 | 32.4 | 5 |
| C ₃ H ₅ Cl | trans-1-Chloropropene | | -97 e | -77 e | -52 e | -16.2 | 37.0 | 5 |
| C ₃ H ₅ Cl | 2-Chloropropene | -120 e | -106 e | -87 e | -63 e | -28.7 | 22.3 | 5 |
| C ₃ H ₅ Cl | 3-Chloropropene | -107 e | -92 e | -72.4 | -46.3 | -9.8 | 44.6 | 5 |
| C ₃ H ₅ ClO | Epichlorohydrin | | | -21 e | 11 e | 53.8 | 115.5 | 5 |
| C ₃ H ₅ ClO ₂ | Methyl chloroacetate | | -28 e | -5 e | 25 e | 66.9 | 129.1 | 5 |
| C ₃ H ₅ Cl ₃ | 1,1,3-Trichloropropane | -51 e | -31 e | -5 e | 28 e | 75.3 | 145.1 | 5 |
| C ₃ H ₅ Cl ₃ | 1,2,3-Trichloropropane | | | 2 e | 37 e | 84.9 | 156.3 | 5 |
| C ₃ H ₅ Cl ₃ Si | Trichloro-2-propenylsilane | | | | | 53.0 | 116.5 | 5 |
| C ₃ H ₅ I | 3-Iodopropene | -80 e | -62 e | -39 e | -8 e | 36 e | 101.5 | 5 |
| C ₃ H ₅ N | Propanenitrile | -69.4 | -55.3 | -36.0 | -7.9 | 35.2 | 97.4 | 1,5 |
| C ₃ H ₅ NO | Acrylamide | | | 109.6 | 161 e | | | 5 |
| C ₃ H ₅ NO | 3-Hydroxypropanenitrile | -11 e | 18 e | 53 e | 96.1 | 150.3 | 220.8 | 5 |
| C ₃ H ₅ NS | Ethyl thiocyanate | -39 e | -20 e | 4 e | 35 e | 79.1 | 143.4 | 5 |
| C ₃ H ₅ NS | Ethyl isothiocyanate | | | | 17.4 | 66 e | 136 e | 5 |
| C ₃ H ₅ N ₃ O ₉ | Trinitroglycerol | 48.6 | 75.7 | 118 e | 191 e | 353 e | 1007 e | 5 |
| C ₃ H ₆ | Propene* | -160.6 | -149.0 | -134.3 | -114.9 | -88.2 | -47.9 | 1,5 |
| C ₃ H ₆ | Cyclopropane | | | -124 e | -104 e | -75.7 | -33.1 | 1 |
| C ₃ H ₆ BrCl | 1-Bromo-3-chloropropane | -51 e | -31 e | -6 e | 28 e | 74.1 | 142.9 | 5 |
| C ₃ H ₆ Br ₂ | 1,2-Dibromopropane | -46 e | -26 e | -2 e | 31 e | 75.3 | 139.5 | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|--|---|--|--------|--------|--------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₃ H ₆ Br ₂ | 1,3-Dibromopropane | -30 e | -9 e | 17 e | 52 e | 98.7 | 166.8 | 5 |
| C ₃ H ₆ Cl ₂ | 1,1-Dichloropropane | | | | -14 e | 27.0 | 87.7 | 5 |
| C ₃ H ₆ Cl ₂ | 1,2-Dichloropropane | -78 e | -61 e | -38.1 | -8.1 | 33.7 | 95.9 | 5 |
| C ₃ H ₆ Cl ₂ | 1,3-Dichloropropane | -65 e | -46 e | -22 e | 10 e | 54.0 | 119.9 | 5 |
| C ₃ H ₆ Cl ₂ | 2,2-Dichloropropane | | | | -28 e | 10.8 | 68.9 | 5 |
| C ₃ H ₆ Cl ₂ O | 1,3-Dichloro-2-propanol | | | 21.8 | 59.0 | 107.6 | 173.9 | 5 |
| C ₃ H ₆ N ₂ O ₄ | 1,1-Dinitropropane | -9 e | 12 e | 39 e | 73.2 | 120 e | 187 e | 5 |
| C ₃ H ₆ O | Allyl alcohol | -63 e | -48 e | -21.9 | 6.8 | 44.5 | 96.2 | 5 |
| C ₃ H ₆ O | Methyl vinyl ether | | | -114 e | -89 e | -52.7 | 4.6 | 1 |
| C ₃ H ₆ O | Propanal | | | -69 e | -42 e | -6 e | 47.7 | 1 |
| C ₃ H ₆ O | Acetone | -95 | -81.8 | -62.8 | -35.6 | 1.3 | 55.7 | 1,5 |
| C ₃ H ₆ O | Methyloxirane | -109 e | -95 e | -76 e | -51.5 | -17.2 | 33.9 | 5 |
| C ₃ H ₆ O ₂ | Propanoic acid | | | 0 e | 35.1 | 79.9 | 140.8 | 1,5 |
| C ₃ H ₆ O ₂ | Ethyl formate | | -80 e | -61 e | -35 e | 1 e | 54.0 | 1 |
| C ₃ H ₆ O ₂ | Methyl acetate | -95 e | -79 e | -59 e | -33 e | 3.3 | 56.6 | 1 |
| C ₃ H ₆ O ₂ | 1,3-Dioxolane | | -72 e | -50 e | -22 e | 17.0 | 75.3 | 1 |
| C ₃ H ₆ O ₃ | 1,3,5-Trioxane | | | | | 53 e | 113.7 | 1 |
| C ₃ H ₆ S | Thiacyclobutane | | -62 e | -40 e | -9 e | 32.5 | 94.5 | 5 |
| C ₃ H ₇ Br | 1-Bromopropane | -95 e | -78 e | -57 e | -28 e | 11.6 | 70.6 | 1 |
| C ₃ H ₇ Br | 2-Bromopropane | | -84 e | -65 e | -39.6 | -1.7 | 59.1 | 1,5 |
| C ₃ H ₇ Cl | 1-Chloropropane | -106 e | -90 e | -71 e | -44.5 | -8.1 | 46.2 | 1 |
| C ₃ H ₇ Cl | 2-Chloropropane | | -91 e | -74 e | -51.1 | -17.8 | 35.4 | 1,5 |
| C ₃ H ₇ ClO | 2-Chloro-1-propanol | | | | 23 e | 63.8 | 125.7 | 5 |
| C ₃ H ₇ F | 1-Fluoropropane | -133 e | -120 e | -103 e | -80.7 | -49.4 | -2.8 | 5 |
| C ₃ H ₇ I | 1-Iodopropane | -78 e | -60 e | -37 e | -6 e | 36.9 | 102.0 | 5 |
| C ₃ H ₇ I | 2-Iodopropane | -89 e | -71 e | -47 e | -16.3 | 26.5 | 89.2 | 5 |
| C ₃ H ₇ N | Allylamine | | -88 e | -65 e | -37 e | 0.4 | 52 e | 5 |
| C ₃ H ₇ NO | <i>N,N</i> -Dimethylformamide | -39 e | -20 e | 5 e | 38.0 | 83.9 | 152.6 | 1 |
| C ₃ H ₇ NO | <i>N</i> -Methylacetamide | -13.3 s | 13 s | 43 e | 83.8 | 136.1 | 206.3 | 5 |
| C ₃ H ₇ NO ₂ | 1-Nitropropane | -56 e | -37 e | -13 e | 20 e | 64.8 | 130.8 | 1 |
| C ₃ H ₇ NO ₂ | 2-Nitropropane | | -48 e | -22 e | 10.7 | 55.6 | 119.8 | 1 |
| C ₃ H ₇ NO ₃ | Propyl nitrate | | | -23.9 | 6.1 | 48.1 | 111 e | 5 |
| C ₃ H ₈ | Propane* | -156.9 | -145.6 | -130.9 | -111.4 | -83.8 | -42.3 | 1,41 |
| C ₃ H ₈ O | 1-Propanol | -54 e | -38 e | -16 e | 10 e | 47 e | 96.9 | 1,5 |
| C ₃ H ₈ O | 2-Propanol | -65 e | -49 e | -28 e | -1.3 | 33.6 | 82.0 | 1,5 |
| C ₃ H ₈ O | Ethyl methyl ether | -98 e | -89 e | -77 e | -60 e | -34.8 | 7.0 | 5 |
| C ₃ H ₈ O ₂ | 1,2-Propylene glycol | -11 e | 13 e | 42 e | 78 e | 125.0 | 187.2 | 5 |
| C ₃ H ₈ O ₂ | 1,3-Propylene glycol | 4 e | 30 e | 62 e | 101 e | 149.9 | 214.0 | 5 |
| C ₃ H ₈ O ₂ | Ethylene glycol monomethyl ether | -57 e | -37 e | -12 e | 21 e | 63.8 | 124.3 | 1 |
| C ₃ H ₈ O ₂ | Dimethoxymethane | -93 e | -81 e | -64 e | -42 e | -9.3 | 41.7 | 5 |
| C ₃ H ₈ O ₃ | Glycerol | 96 e | 113 e | 136 e | 168 e | 213.4 | 287 e | 1 |
| C ₃ H ₈ S | 1-Propanethiol | -94 e | -78 e | -57 e | -29.1 | 9.6 | 67.4 | 1,5 |
| C ₃ H ₈ S | 2-Propanethiol | -102 e | -87 e | -67 e | -41 e | -3 e | 52.2 | 1 |
| C ₃ H ₈ S | Ethyl methyl sulfide | -94 e | -78 e | -57 e | -29.7 | 8.8 | 66.3 | 1 |
| C ₃ H ₈ S ₂ | 1,3-Propanedithiol | -53 e | -28 e | 3 e | 43 e | 97 e | 172.4 | 5 |
| C ₃ H ₉ As | Trimethylarsine | | | -74 e | -45 e | -5.4 | 52.0 | 5 |
| C ₃ H ₉ BO ₃ | Trimethyl borate | | | | -14 e | 15.6 | 67.9 | 5 |
| C ₃ H ₉ BS | Methyl dimethylthioborane | | | -62 e | -30.4 | 11.4 | 70.7 | 5 |
| C ₃ H ₉ ClSi | Trimethylchlorosilane | | | | -37.8 | 0.4 | 57.3 | 5 |
| C ₃ H ₉ N | Propylamine | | -81 e | -63 e | -38.3 | -4.1 | 46.9 | 1,5 |
| C ₃ H ₉ N | Isopropylamine | | -91 e | -74 e | -50.4 | -17.6 | 31.5 | 1,5 |
| C ₃ H ₉ N | Trimethylamine | | -114 e | -97 e | -75.0 | -43.8 | 2.6 | 1,5 |
| C ₃ H ₉ NO | 1-Amino-2-propanol | | | 18 e | 53.2 | 98.2 | 157.9 | 5 |
| C ₃ H ₉ O ₄ P | Trimethyl phosphate | -31 e | -7 e | 23.6 | 62.8 | 116.0 | 192.0 | 5 |
| C ₃ H ₉ P | Trimethylphosphine | | | -81 e | -53 e | -15.0 | 37.1 | 5 |
| C ₃ H ₉ Sb | Trimethylstibine | | | -56 e | -23.8 | 19 e | 80 e | 5 |
| C ₃ H ₁₀ N ₂ | 1,2-Propanediamine | | -35.4 | -12.0 | 18.8 | 61 e | 119 e | 5 |
| C ₃ N ₂ O | Carbonyl dicyanide | | | | -21.7 | 15.3 | 65.2 | 5 |
| C ₄ Cl ₆ | Hexachloro-1,3-butadiene | -1 e | 22 e | 50 e | 86.7 | 137.0 | 209.7 | 5 |
| C ₄ F ₆ O ₃ | Trifluoroacetic acid anhydride | | | -63 e | -39 e | -7.1 | 38.8 | 5 |
| C ₄ F ₈ | Perfluorocyclobutane | | | | | | -6.2 | 1 |
| C ₄ F ₁₀ | Perfluorobutane | | -122 e | -105 e | -82 e | -49.8 | -2.5 | 1,5 |
| C ₄ H ₂ Cl ₂ O ₂ | <i>trans</i> -2-Butenedioyl dichloride | | | 8.0 | 45.6 | 94.3 | 159.8 | 5 |
| C ₄ H ₂ Cl ₂ S | 2,5-Dichlorothiophene | | | -20 e | 22 e | 81.4 | 171 e | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|--|---------------------------------|--|---------|---------|---------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₄ H ₂ O ₃ | Maleic anhydride | | | | 73.7 | 127.9 | 201.7 | 5 |
| C ₄ H ₃ ClS | 2-Chlorothiophene | | -62 e | -35 e | 2 e | 51.8 | 123 e | 5 |
| C ₄ H ₃ IS | 2-Iodothiophene | | | -25 e | 23 e | 94.9 | 181.0 | 5 |
| C ₄ H ₄ | 1-Buten-3-yne | | | -96.1 | -73.4 | -41.8 | 4.9 | 5 |
| C ₄ H ₄ N ₂ | Succinonitrile | 24.8 s | | | | | 266.0 | 5 |
| C ₄ H ₄ O | Furan | | | -78 e | -54 e | -20 e | 31.0 | 1 |
| C ₄ H ₄ O ₂ | Diketene | | | | 19.3 | 63.3 | 126 e | 5 |
| C ₄ H ₄ O ₃ | Succinic anhydride | | | | 121 e | 180.8 | 260.8 | 5 |
| C ₄ H ₄ O ₄ | Fumaric acid | 123.9 s | 150 s | 180 s | | | | 5 |
| C ₄ H ₄ S | Thiophene | | | | -17 e | 23.7 | 83.7 | 5 |
| C ₄ H ₅ Cl | 2-Chloro-1,3-butadiene | -113 e | -95 e | -71 e | -41 e | 0.3 | 59.0 | 5 |
| C ₄ H ₅ ClO | 2-Methyl-2-propenoyl chloride | | -57 e | -35 e | -5 e | 36.4 | 98.2 | 5 |
| C ₄ H ₅ Cl ₃ O ₂ | Ethyl trichloroacetate | | | 15.3 | 51.9 | 100.1 | 166.6 | 5 |
| C ₄ H ₅ N | 3-Butenenitrile | -67 e | -48 e | -23.1 | 9.3 | 53.7 | 118.4 | 5 |
| C ₄ H ₅ N | Methylacrylonitrile | | | | -12 e | 29.0 | 89.8 | 5 |
| C ₄ H ₅ N | Pyrrole | | | -8 e | 24 e | 66.7 | 129.4 | 1 |
| C ₄ H ₅ NO ₂ | Methyl cyanoacetate | -3 e | 19 e | 48 e | 84 e | 134.0 | 204.6 | 5 |
| C ₄ H ₅ NS | Allyl isothiocyanate | -45 e | -27 e | -3 e | 32.1 | 89 e | 198 e | 5 |
| C ₄ H ₅ NS | 4-Methylthiazole | | | | | | 67.0 | 5 |
| C ₄ H ₆ | 1,2-Butadiene | -132 e | -117 e | -98 e | -72.8 | -38.9 | 10.5 | 5 |
| C ₄ H ₆ | 1,3-Butadiene* | | | -106 e | -83 e | -51.9 | -4.7 | 1 |
| C ₄ H ₆ | 1-Butyne | -125 e | -111 e | -94 e | -71.2 | -39.4 | 7.8 | 1 |
| C ₄ H ₆ | 2-Butyne | | -89.2 s | -73.8 s | -53.5 s | -23.9 | 26.6 | 5 |
| C ₄ H ₆ Cl ₂ O ₂ | Ethyl dichloroacetate | | | 2.6 | 40.1 | 89.1 | 156.3 | 5 |
| C ₄ H ₆ O | Divinyl ether | | -99 e | -80 e | -56 e | -22.1 | 28.0 | 5 |
| C ₄ H ₆ O | <i>trans</i> -2-Butenal | -74 e | -56 e | -33 e | -3 e | 39.7 | 102.4 | 5 |
| C ₄ H ₆ O | 3-Buten-2-one | | | | | 21 e | 81.0 | 5 |
| C ₄ H ₆ O | Cyclobutanone | | | -34 e | -4 e | 37.1 | 97 e | 5 |
| C ₄ H ₆ O ₂ | <i>cis</i> -Crotonic acid | | | 30 e | 63 e | 106.7 | 168.9 | 5 |
| C ₄ H ₆ O ₂ | <i>trans</i> -Crotonic acid | | | | 74 e | 120.8 | 184.9 | 5 |
| C ₄ H ₆ O ₂ | 3-Butenoic acid | -19 e | 2 e | 27 e | 61 e | 105.6 | 168.6 | 5 |
| C ₄ H ₆ O ₂ | Methacrylic acid | | | 22 e | 56 e | 99.9 | 161.5 | 5 |
| C ₄ H ₆ O ₂ | Vinyl acetate | -88 e | -71 e | -50 e | -22 e | 16.2 | 72.2 | 1 |
| C ₄ H ₆ O ₂ | Methyl acrylate | | -71 e | -48 e | -18 e | 22 e | 79.9 | 5 |
| C ₄ H ₆ O ₂ | 2,3-Butanedione | | | | | 30.7 | 84.8 | 5 |
| C ₄ H ₆ O ₂ | gamma-Butyrolactone | | -17 e | 24 e | 72 e | 130.2 | 203 e | 5 |
| C ₄ H ₆ O ₃ | Acetic anhydride | -44 e | -25 e | -1 e | 31 e | 75.1 | 139.7 | 1 |
| C ₄ H ₆ O ₃ | Propylene carbonate | -40 e | -5 e | 43 e | 112 e | 220 e | 410 e | 5 |
| C ₄ H ₆ O ₄ | Dimethyl oxalate | | | | 50.5 | 98.1 | 163.0 | 5 |
| C ₄ H ₇ Br | <i>trans</i> -1-Bromo-1-butene | -87 e | -68 e | -43.3 | -11.4 | 31.9 | 94.4 | 5 |
| C ₄ H ₇ Br | 2-Bromo-1-butene | -87 e | -70 e | -48 e | -20 e | 20.7 | 80.6 | 5 |
| C ₄ H ₇ Br | <i>cis</i> -2-Bromo-2-butene | -90 e | -72 e | -49.0 | -18.5 | 23.5 | 85.2 | 5 |
| C ₄ H ₇ Br | <i>trans</i> -2-Bromo-2-butene | -86 e | -67 e | -43.4 | -12.0 | 31.0 | 93.5 | 5 |
| C ₄ H ₇ Br ₃ | 1,2,3-Tribromobutane | 0 e | 23 e | 53 e | 91 e | 143.7 | 219.5 | 5 |
| C ₄ H ₇ Br ₃ | 1,2,4-Tribromobutane | -3 e | 20 e | 49 e | 87 e | 139.4 | 214.5 | 5 |
| C ₄ H ₇ Cl | 3-Chloro-1-butene | | | -64 e | -36 e | 4 e | 63.6 | 5 |
| C ₄ H ₇ Cl | <i>cis</i> -2-Chloro-2-butene | -100 e | -83 e | -62 e | -34 e | 6 e | 66.4 | 5 |
| C ₄ H ₇ Cl | <i>trans</i> -2-Chloro-2-butene | -102 e | -86 e | -65 e | -37 e | 3 e | 62.2 | 5 |
| C ₄ H ₇ Cl | 3-Chloro-2-methylpropene | | -75 e | -54 e | -25 e | 13.8 | 71.5 | 5 |
| C ₄ H ₇ ClO ₂ | Ethyl chloroacetate | | | -2.6 | 32.6 | 79.1 | 143.8 | 5 |
| C ₄ H ₇ N | Butanenitrile | -67 e | -48 e | -24 e | 8 e | 52.3 | 117.2 | 1 |
| C ₄ H ₈ | 1-Butene | -139.0 | -125.2 | -107.8 | -85.3 | -53.7 | -6.6 | 1,5 |
| C ₄ H ₈ | <i>cis</i> -2-Butene | -131.2 | -117.4 | -99.8 | -76.7 | -44.8 | 3.4 | 1,5 |
| C ₄ H ₈ | <i>trans</i> -2-Butene | | | -102 e | -80 e | -47.6 | 0.6 | 1 |
| C ₄ H ₈ | Isobutene | -139.1 | -125.5 | -108.2 | -85.5 | -54.5 | -7.3 | 1,5 |
| C ₄ H ₈ | Cyclobutane | | | | -71.8 | -38.1 | 12.1 | 5 |
| C ₄ H ₈ | Methylcyclopropane | -130 e | -116 e | -99.3 | -76.3 | -44.2 | 4.2 | 5 |
| C ₄ H ₈ Br ₂ | 1,2-Dibromobutane | -54 e | -30 e | 0.4 | 39.6 | 92.1 | 166.1 | 5 |
| C ₄ H ₈ Br ₂ | 1,4-Dibromobutane | -13 e | 9 e | 37 e | 74 e | 124.0 | 196.5 | 5 |
| C ₄ H ₈ Cl ₂ | 1,1-Dichlorobutane | | | -25 e | 6 e | 49.3 | 113.4 | 5 |
| C ₄ H ₈ Cl ₂ | 1,2-Dichlorobutane | | | -28.4 | 5.8 | 53.1 | 123.1 | 5 |
| C ₄ H ₈ Cl ₂ | 1,4-Dichlorobutane | | -26 e | 0 e | 35 e | 82.4 | 153.4 | 5 |
| C ₄ H ₈ Cl ₂ | 2,2-Dichlorobutane | | -58 e | -35 e | -5 e | 37.8 | 102.1 | 5 |
| C ₄ H ₈ Cl ₂ O | Bis(2-chloroethyl) ether | -32 e | -9 e | 19.8 | 56.9 | 106.9 | 177.9 | 5 |
| C ₄ H ₈ O | Ethyl vinyl ether | | -102 e | -81 e | -53.1 | -16.5 | 34.7 | 5 |
| C ₄ H ₈ O | 1,2-Epoxybutane | -135 e | -114 e | -87 e | -53 e | -5.5 | 62.1 | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|--|---------------------------------|--|---------|---------|-------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₄ H ₈ O | Butanal | -88 e | -72 e | -50 e | -22 e | 16.6 | 74.5 | 1,5 |
| C ₄ H ₈ O | Isobutanal | | | -56 e | -29 e | 8 e | 63.8 | 1 |
| C ₄ H ₈ O | 2-Butanone | -85 e | -68 e | -46 e | -18.1 | 21.2 | 79.2 | 1 |
| C ₄ H ₈ O | Tetrahydrofuran | -94 e | -78 e | -57.3 | -29.8 | 9 e | 65.6 | 1 |
| C ₄ H ₈ O ₂ | Butanoic acid | | | 12.9 | 52.2 | 101.4 | 163.3 | 1,5 |
| C ₄ H ₈ O ₂ | 2-Methylpropanoic acid | -30.1 | -8.2 | 18.1 | 50.5 | 92.9 | 154.0 | 5 |
| C ₄ H ₈ O ₂ | Propyl formate | -78 e | -62 e | -42 e | -15.1 | 23.0 | 80.4 | 1,5 |
| C ₄ H ₈ O ₂ | Isopropyl formate | -80 e | -65 e | -47 e | -22.2 | 13.2 | 67.7 | 5 |
| C ₄ H ₈ O ₂ | Ethyl acetate | -83 e | -66 e | -45 e | -18 e | 20.4 | 76.8 | 1 |
| C ₄ H ₈ O ₂ | Methyl propanoate | -80 e | -64 e | -43 e | -15.8 | 22.2 | 79.0 | 1 |
| C ₄ H ₈ O ₂ | <i>cis</i> -2-Butene-1,4-diol | 17 e | 44 e | 77 e | 117.4 | 168.5 | 234.9 | 5 |
| C ₄ H ₈ O ₂ | 1,3-Dioxane | | | -37 e | -3 e | 43.4 | 106.0 | 5 |
| C ₄ H ₈ O ₂ | 1,4-Dioxane | | | | | 39.6 | 101.0 | 1 |
| C ₄ H ₈ O ₂ S | Sulfolane | | 49 e | 87 e | 135 e | 198.0 | 283.5 | 5 |
| C ₄ H ₈ S | Tetrahydrothiophene | -66 e | -47 e | -23 e | 9.4 | 54.1 | 120.5 | 1 |
| C ₄ H ₉ Br | 1-Bromobutane | -68.4 | -53.9 | -34.1 | -5.4 | 37.6 | 101.1 | 1,5 |
| C ₄ H ₉ Br | 2-Bromobutane | -86 e | -68 e | -46 e | -16 e | 26.6 | 90.7 | 5 |
| C ₄ H ₉ Br | 1-Bromo-2-methylpropane | -85 e | -68 e | -46 e | -16 e | 26.8 | 91.1 | 5 |
| C ₄ H ₉ Br | 2-Bromo-2-methylpropane | | | | | 11.7 | 72.4 | 1,5 |
| C ₄ H ₉ Cl | 1-Chlorobutane | -87 e | -71 e | -49 e | -21 e | 18.4 | 78.1 | 1 |
| C ₄ H ₉ Cl | 2-Chlorobutane | -96 e | -80 e | -59 e | -31.0 | 8.5 | 67.9 | 1 |
| C ₄ H ₉ Cl | 1-Chloro-2-methylpropane | -94 e | -78 e | -56.6 | -28.7 | 10.2 | 68.5 | 5 |
| C ₄ H ₉ Cl | 2-Chloro-2-methylpropane | | | | | -4.2 | 50.3 | 5 |
| C ₄ H ₉ Cl ₃ Si | Butyltrichlorosilane | | | | | 77.2 | 148.4 | 5 |
| C ₄ H ₉ F | 1-Fluorobutane | -114 e | -99 e | -80 e | -55 e | -20.0 | 32.1 | 5 |
| C ₄ H ₉ F | 2-Fluorobutane | -117 e | -103 e | -85 e | -60.7 | -26.7 | 24.7 | 5 |
| C ₄ H ₉ I | 1-Iodobutane | -62 e | -43 e | -19 e | 14 e | 60.5 | 130.0 | 5 |
| C ₄ H ₉ I | 2-Iodobutane | -70 e | -51 e | -27 e | 5 e | 50 e | 119.5 | 5 |
| C ₄ H ₉ I | 1-Iodo-2-methylpropane | | -47 e | -21.4 | 12.0 | 56.8 | 120.0 | 5 |
| C ₄ H ₉ I | 2-Iodo-2-methylpropane | -75.1 s | -58.8 s | -39.5 s | -5.2 | 41 e | 100.0 | 5 |
| C ₄ H ₉ N | Pyrrolidine | | -59 e | -38 e | -10 e | 28.5 | 86.2 | 1 |
| C ₄ H ₉ NO | <i>N</i> -Methylpropanamide | | | | 81.1 | 105 e | | 5 |
| C ₄ H ₉ NO | <i>N,N</i> -Dimethylacetamide | -8 e | 8 e | 28.0 | 56.4 | 98.2 | 165.7 | 1 |
| C ₄ H ₉ NO | 2-Butanone oxime | | -18 e | 7 e | 38.9 | 81.9 | 142.9 | 5 |
| C ₄ H ₉ NO | Morpholine | | | | 21 e | 64.5 | 128.5 | 1 |
| C ₄ H ₉ NO ₃ | Isobutyl nitrate | | | -18 e | 15.1 | 59.2 | 123.0 | 5 |
| C ₄ H ₁₀ | Butane* | -134.3 | -121.0 | -103.9 | -81.1 | -49.1 | -0.8 | 1,41 |
| C ₄ H ₁₀ | Isobutane* | | -129.0 | -113.0 | -90.9 | -59.4 | -12.0 | 1,41 |
| C ₄ H ₁₀ O | 1-Butanol | -37 e | -20 e | 0 e | 28 e | 64 e | 117.4 | 1 |
| C ₄ H ₁₀ O | 2-Butanol | -50 e | -34 e | -14 e | 12.6 | 48.2 | 99.2 | 1,5 |
| C ₄ H ₁₀ O | 2-Methyl-1-propanol | -39 e | -24 e | -5 e | 20.9 | 56.0 | 107.6 | 1,5 |
| C ₄ H ₁₀ O | 2-Methyl-2-propanol | | | | | 34.4 | 82.1 | 1,5 |
| C ₄ H ₁₀ O | Diethyl ether | -111 e | -96 e | -77 e | -52.6 | -17.8 | 34.1 | 1 |
| C ₄ H ₁₀ O | Methyl propyl ether | | | | -40 e | -11.3 | 38.7 | 5 |
| C ₄ H ₁₀ O | Isopropyl methyl ether | | | | -56 e | -21.2 | 30.4 | 5 |
| C ₄ H ₁₀ O ₂ | 1,3-Butanediol | -4 e | 23 e | 55 e | 94 e | 142.9 | 206.1 | 5 |
| C ₄ H ₁₀ O ₂ | 1,4-Butanediol | | 45 e | 77 e | 116 e | 164.7 | 227.6 | 5 |
| C ₄ H ₁₀ O ₂ | 2,3-Butanediol | | 15 e | 43 e | 77 e | 121.2 | 180.3 | 5 |
| C ₄ H ₁₀ O ₂ | Ethylene glycol monoethyl ether | -49 e | -29 e | -3 e | 30 e | 73.6 | 135.3 | 1 |
| C ₄ H ₁₀ O ₂ | Ethylene glycol dimethyl ether | | | -44 e | -15 e | 25.2 | 85.2 | 1 |
| C ₄ H ₁₀ O ₂ | Dimethylacetal | -89 e | -74 e | -55 e | -29 e | 7.7 | 64.1 | 5 |
| C ₄ H ₁₀ O ₂ | Diethylperoxide | | | | -39 e | 3.6 | 65.0 | 5 |
| C ₄ H ₁₀ O ₂ S | Bis(2-hydroxyethyl) sulfide | | | 31 e | 114.2 | | 282.0 | 5 |
| C ₄ H ₁₀ O ₃ | Diethylene glycol | 35 e | 58 e | 86 e | 123 e | 173.6 | 245.2 | 1 |
| C ₄ H ₁₀ O ₄ S | Diethyl sulfate | | 3 e | 36 e | 79 e | 134 e | 208.3 | 5 |
| C ₄ H ₁₀ S | 1-Butanethiol | -77 e | -59 e | -37 e | -6 e | 35.4 | 98.0 | 5 |
| C ₄ H ₁₀ S | 2-Butanethiol | -86 e | -69 e | -47 e | -17 e | 23.4 | 84.5 | 5 |
| C ₄ H ₁₀ S | 2-Methyl-1-propanethiol | | -66 e | -44 e | -15 e | 26.5 | 88.1 | 5 |
| C ₄ H ₁₀ S | 2-Methyl-2-propanethiol | | | | | 5.8 | 63.8 | 5 |
| C ₄ H ₁₀ S | Diethyl sulfide | -80 e | -62 e | -40 e | -10.8 | 30.3 | 91.7 | 1 |
| C ₄ H ₁₀ S | Methyl propyl sulfide | -78 e | -61 e | -38 e | -8 e | 33.1 | 95.1 | 5 |
| C ₄ H ₁₀ S | Isopropyl methyl sulfide | -85 e | -68 e | -46 e | -17 e | 23.4 | 84.3 | 5 |
| C ₄ H ₁₀ S ₂ | 1,4-Butanedithiol | -17 e | 5 e | 32 e | 69.1 | 119.9 | 195.1 | 5 |
| C ₄ H ₁₀ S ₂ | Diethyl disulfide | -46 e | -26 e | 0 e | 35 e | 82.4 | 153.5 | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|---|--|--|--------|--------|-------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₄ H ₁₁ N | Butylamine | | | -46 e | -18.1 | 20.0 | 75.9 | 5 |
| C ₄ H ₁₁ N | <i>sec</i> -Butylamine | | | -55 e | -29.1 | 7.5 | 62.3 | 5 |
| C ₄ H ₁₁ N | <i>tert</i> -Butylamine | | | -67 e | -42.4 | -8.1 | 43.7 | 5 |
| C ₄ H ₁₁ N | Isobutylamine | -85 e | -70 e | -50 e | -24.5 | 12.0 | 67.3 | 5 |
| C ₄ H ₁₁ N | Diethylamine | | | -46 e | -26 e | 5 e | 55.2 | 1 |
| C ₄ H ₁₁ NO | <i>N,N</i> -Dimethylethanolamine | -52 e | -31 e | -6 e | 27 e | 70.9 | 133 e | 5 |
| C ₄ H ₁₁ NO ₂ | Diethanolamine | 53 e | 77 e | 107 e | 146 e | 197.3 | 268 e | 5 |
| C ₄ H ₁₂ BN | (Dimethylamino)dimethylborane | | -81 e | -60.1 | -31.9 | 7.0 | 64.2 | 5 |
| C ₄ H ₁₂ Cl ₂ OSi ₂ | 1,3-Dichloro-1,1,3,3-tetramethyldisiloxane | | -33 e | -9 e | 23.8 | 69.1 | 136.5 | 5 |
| C ₄ H ₁₂ O ₄ Si | Tetramethyl silicate | | | | 14.4 | 59.3 | 119.7 | 5 |
| C ₄ H ₁₂ Si | Tetramethylsilane | | | -83 e | -59 e | -25 e | 26.7 | 5 |
| C ₄ H ₁₂ Sn | Tetramethylstannane | | | -55.0 | -25.6 | 16.6 | 77.7 | 5 |
| C ₄ H ₁₃ N ₃ | Diethylenetriamine | -10 e | 13 e | 43 e | 80 e | 129.6 | 198 e | 5 |
| C ₄ NiO ₄ | Nickel carbonyl | | | | | -12 | 42 | 4 |
| C ₅ F ₁₂ | Perfluoropentane | | | | -54.7 | -20.9 | 28.6 | 5 |
| C ₅ FeO ₅ | Iron pentacarbonyl | | | | 0 | 44 | 105 | 4 |
| C ₅ H ₄ ClN | 2-Chloropyridine | | | 7.4 | 45.8 | 97.3 | 169.9 | 5 |
| C ₅ H ₄ O ₂ | Furfural | -26 e | -8 e | 16 e | 47 e | 92.4 | 161.4 | 1 |
| C ₅ H ₅ N | Pyridine | | | -23 e | 8 e | 51.0 | 114.9 | 1 |
| C ₅ H ₆ | 1,3-Cyclopentadiene | | | -77 e | -51 e | -14 e | 39.8 | 5 |
| C ₅ H ₆ N ₂ | Pentanedinitrile | 24.1 | 52 e | 85 e | 126 e | 178 e | 245 e | 5 |
| C ₅ H ₆ O | 2-Methylfuran | | | -66 e | -35 e | 6 e | 64.5 | 1 |
| C ₅ H ₆ O ₂ | Furfuryl alcohol | -30 e | -5 e | 25 e | 62.6 | 109.3 | 169.7 | 5 |
| C ₅ H ₆ S | 2-Methylthiophene | | -58 e | -32 e | 2 e | 47.9 | 112.2 | 1 |
| C ₅ H ₆ S | 3-Methylthiophene | | -53 e | -28 e | 6 e | 50.6 | 115.1 | 1 |
| C ₅ H ₇ N | 1-Methylpyrrole | | | | 8 e | 49.9 | 112.3 | 5 |
| C ₅ H ₇ NO ₂ | Ethyl cyanoacetate | 16 e | 39 e | 67.0 | 102.1 | 146.7 | 205.6 | 5 |
| C ₅ H ₈ | 1,2-Pentadiene | -109 e | -93 e | -73 e | -46.1 | -9.7 | 44.5 | 5 |
| C ₅ H ₈ | <i>cis</i> -1,3-Pentadiene | -109 e | -93 e | -73 e | -47.0 | -10.5 | 43.7 | 1,5 |
| C ₅ H ₈ | <i>trans</i> -1,3-Pentadiene | | | -75 e | -49.0 | -13 e | 42 e | 1 |
| C ₅ H ₈ | 1,4-Pentadiene | -120 e | -105 e | -86 e | -60.9 | -26.2 | 25.6 | 5 |
| C ₅ H ₈ | 2,3-Pentadiene | -106 e | -90 e | -70 e | -42.9 | -6.3 | 47.9 | 5 |
| C ₅ H ₈ | 3-Methyl-1,2-butadiene | -111 e | -95 e | -75 e | -49.2 | -13.1 | 40.4 | 5 |
| C ₅ H ₈ | 2-Methyl-1,3-butadiene | -115 e | -100 e | -81 e | -55.4 | -19.7 | 33.7 | 1,5 |
| C ₅ H ₈ | 1-Pentyne | | | -75 e | -49.1 | -13.5 | 39.9 | 5 |
| C ₅ H ₈ | 2-Pentyne | -100 e | -85 e | -65 e | -37.9 | -0.5 | 55.7 | 5 |
| C ₅ H ₈ | 3-Methyl-1-butyne | | | -82 e | -57.5 | -23.1 | 28.6 | 5 |
| C ₅ H ₈ | Cyclopentene | -109 e | -94 e | -74 e | -48 e | -11.1 | 43.8 | 5 |
| C ₅ H ₈ | Spiropentane | -110 e | -95 e | -76 e | -51 e | -15 e | 38.6 | 5 |
| C ₅ H ₈ O | 3-Methyl-3-buten-2-one | | | -35 e | -5 e | 36.0 | 97.3 | 5 |
| C ₅ H ₈ O | Cyclopropyl methyl ketone | | -57 e | -31 e | 3 e | 49 e | 112 e | 5 |
| C ₅ H ₈ O | Cyclopentanone | | -39 e | -14 e | 19 e | 64 e | 130.3 | 1 |
| C ₅ H ₈ O | 3,4-Dihydro-2H-pyran | | | | -22 e | 22.0 | 84.9 | 5 |
| C ₅ H ₈ O ₂ | 4-Pentenoic acid | 0 e | 19 e | 44 e | 77 e | 122.0 | 187.5 | 5 |
| C ₅ H ₈ O ₂ | Vinyl propanoate | | | | | 31.2 | 94 e | 5 |
| C ₅ H ₈ O ₂ | Ethyl acrylate | | -55 e | -32.7 | -2.8 | 38.5 | 99.2 | 5 |
| C ₅ H ₈ O ₂ | Methyl methacrylate | | | -31 e | -1 e | 39.7 | 100.0 | 1 |
| C ₅ H ₈ O ₂ | 2,4-Pentanedione | | | -5 e | 24.7 | 67.8 | 137.4 | 1 |
| C ₅ H ₈ O ₂ | Tetrahydro-2H-pyran-2-one | | 5 e | 35.1 | 74.4 | 128.3 | 207.0 | 5 |
| C ₅ H ₈ O ₃ | Methyl acetoacetate | | | | 50.1 | 101.1 | 171.3 | 5 |
| C ₅ H ₈ O ₄ | Glutaric acid | | 121 e | 153.2 | 191.9 | 240.3 | 302.5 | 5 |
| C ₅ H ₈ O ₄ | Dimethyl malonate | -22 e | 1 e | 30.0 | 66.7 | 114.7 | 180.2 | 5 |
| C ₅ H ₉ ClO ₂ | Ethyl 2-chloropropanoate | | | 1.4 | 36.4 | 82.5 | 146.0 | 5 |
| C ₅ H ₉ ClO ₂ | Isopropyl chloroacetate | | | -2 e | 35.0 | 83.3 | 148.1 | 5 |
| C ₅ H ₉ N | Pentanenitrile | -54 e | -34 e | -8 e | 26 e | 72.2 | 140.9 | 1 |
| C ₅ H ₉ N | 2,2-Dimethylpropanenitrile | | | | | 41.1 | 104.8 | 5 |
| C ₅ H ₉ NO | <i>N</i> -Methyl-2-pyrrolidone | 1 e | 24 e | 53.1 | 92.3 | 147.2 | 229 e | 5 |
| C ₅ H ₁₀ | 1-Pentene | -118.9 | -103.4 | -84.0 | -58.8 | -23.3 | 29.6 | 1,5 |
| C ₅ H ₁₀ | <i>cis</i> -2-Pentene | -113.8 | -98.1 | -78.4 | -52.7 | -16.8 | 36.6 | 1,5 |
| C ₅ H ₁₀ | <i>trans</i> -2-Pentene | -114.5 | -98.9 | -79.1 | -53.3 | -17.5 | 36.0 | 1,5 |
| C ₅ H ₁₀ | 2-Methyl-1-butene | -117.7 | -102.2 | -82.7 | -57.2 | -21.9 | 30.8 | 1,5 |
| C ₅ H ₁₀ | 3-Methyl-1-butene | -125.0 | -110.1 | -91.2 | -66.7 | -32.1 | 19.7 | 1,5 |
| C ₅ H ₁₀ | 2-Methyl-2-butene | -113.4 | -97.6 | -77.7 | -51.6 | -15.8 | 38.2 | 1,5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. | |
|---|--|--|----------|---------|---------|---------|---------|------|---|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | | |
| C ₅ H ₁₀ | Cyclopentane | | | -77.0 | -45.4 | -7.1 | 48.8 | 5 | |
| C ₅ H ₁₀ | Ethylcyclopropane | -118 e | -102 e | -83 e | -57 e | -20 e | 35.5 | 5 | |
| C ₅ H ₁₀ | <i>cis</i> -1,2-Dimethylcyclopropane | -118 e | -103 e | -83 e | -57 e | -20 e | 36.6 | 5 | |
| C ₅ H ₁₀ | <i>trans</i> -1,2-Dimethylcyclopropane | -122 e | -108 e | -89 e | -63 e | -27 e | 27.8 | 5 | |
| C ₅ H ₁₀ Br ₂ | 1,5-Dibromopentane | 1 e | 25 e | 54 e | 93 e | 145.6 | 221.8 | 5 | |
| C ₅ H ₁₀ Cl ₂ | 1,2-Dichloropentane | | | | 30 e | 77.4 | 147.8 | 5 | |
| C ₅ H ₁₀ Cl ₂ | 1,5-Dichloropentane | -31 e | -10 e | 17 e | 54 e | 104.1 | 178.9 | 5 | |
| C ₅ H ₁₀ N ₂ | 3-(Dimethylamino)-propanenitrile | | | | 51.1 | 101.8 | 171.4 | 5 | |
| C ₅ H ₁₀ O | Cyclopentanol | | -13 e | 11.5 | 42.2 | 82.5 | 140.0 | 5 | |
| C ₅ H ₁₀ O | Allyl ethyl ether | | | -56 e | -28.7 | 9.8 | 67.2 | 5 | |
| C ₅ H ₁₀ O | Pentanal | -71 e | -53 e | -31 e | -1 e | 40.8 | 102.6 | 5 | |
| C ₅ H ₁₀ O | 2-Pentanone | | | | -1 e | 40.3 | 101.9 | 1,5 | |
| C ₅ H ₁₀ O | 3-Pentanone | | | -31 e | -1 e | 40 e | 101.6 | 1 | |
| C ₅ H ₁₀ O | 3-Methyl-2-butanone | -69 e | -54 e | -34 e | -6.9 | 32.2 | 94.0 | 1,5 | |
| C ₅ H ₁₀ O | Tetrahydropyran | | | | -15 e | 26.0 | 88 e | 5 | |
| C ₅ H ₁₀ O | 2-Methyltetrahydrofuran | | | | -20 e | 19.7 | 79.8 | 5 | |
| C ₅ H ₁₀ O ₂ | Pentanoic acid | -7.4 | 15.3 | 42.7 | 76.3 | 122.1 | 185.7 | 5 | |
| C ₅ H ₁₀ O ₂ | 2-Methylbutanoic acid | -10 e | 10 e | 36 e | 69 e | 112.8 | 175.2 | 5 | |
| C ₅ H ₁₀ O ₂ | 3-Methylbutanoic acid | -15.8 | 4 e | 30.0 | 64.7 | 110.6 | 176.1 | 5 | |
| C ₅ H ₁₀ O ₂ | Butyl formate | | | -29 e | 2 e | 44.4 | 105.7 | 5 | |
| C ₅ H ₁₀ O ₂ | Isobutyl formate | -69 e | -53 e | -31 e | -3 e | 37.4 | 97.6 | 5 | |
| C ₅ H ₁₀ O ₂ | Propyl acetate | -69 e | -51 e | -29 e | 0 e | 40.9 | 101.2 | 1 | |
| C ₅ H ₁₀ O ₂ | Isopropyl acetate | | | -61 e | -40 e | -11 e | 29.8 | 88.2 | 5 |
| C ₅ H ₁₀ O ₂ | Ethyl propanoate | -69 e | -52 e | -30 e | -1 e | 38.9 | 98.7 | 1 | |
| C ₅ H ₁₀ O ₂ | Methyl butanoate | -68 e | -50 e | -28 e | 0.9 | 41.7 | 102.3 | 5 | |
| C ₅ H ₁₀ O ₂ | Methyl isobutanoate | -83 e | -65 e | -41 e | -11 e | 31 e | 92.1 | 5 | |
| C ₅ H ₁₀ O ₂ | Tetrahydrofurfuryl alcohol | -40 e | -16 e | 15 e | 55 e | 106 e | 176.8 | 5 | |
| C ₅ H ₁₀ O ₃ | Diethyl carbonate | | -42 e | -17 e | 17 e | 61.6 | 125.9 | 5 | |
| C ₅ H ₁₀ O ₃ | Ethylene glycol monomethyl ether acetate | -47 e | -26 e | 0 e | 34 e | 79.4 | 144.1 | 5 | |
| C ₅ H ₁₀ S | Thiacyclohexane | | | | 24 e | 71.1 | 141.2 | 5 | |
| C ₅ H ₁₀ S | Cyclopentanethiol | | | | 18 e | 64 e | 131.7 | 5 | |
| C ₅ H ₁₁ Br | 1-Bromopentane | -60 e | -41 e | -16 e | 16 e | 61.5 | 129.1 | 5 | |
| C ₅ H ₁₁ Br | 2-Bromopentane | -69 e | -51 e | -27 e | 5 e | 49.7 | 116.9 | 5 | |
| C ₅ H ₁₁ Br | 3-Bromopentane | -68 e | -50 e | -26 e | 6 e | 50.8 | 118.1 | 5 | |
| C ₅ H ₁₁ Br | 1-Bromo-3-methylbutane | -67 e | -49 e | -25 e | 8 e | 52.4 | 119.9 | 5 | |
| C ₅ H ₁₁ Cl | 1-Chloropentane | -73 e | -55 e | -32 e | -1 e | 42.5 | 107.9 | 5 | |
| C ₅ H ₁₁ Cl | 2-Chloropentane | -80 e | -62 e | -39 e | -9 e | 33.2 | 96.1 | 5 | |
| C ₅ H ₁₁ Cl | 3-Chloropentane | -77 e | -60 e | -37 e | -7 e | 34.9 | 97.3 | 5 | |
| C ₅ H ₁₁ Cl | 2-Chloro-2-methylbutane | | | -52 e | -21 e | 21.8 | 85.2 | 5 | |
| C ₅ H ₁₁ Cl | 1-Chloro-2,2-dimethylpropane | | | | -17 e | 23.5 | 83.9 | 5 | |
| C ₅ H ₁₁ F | 1-Fluoropentane | -97 e | -80 e | -60 e | -32 e | 5.7 | 62.4 | 5 | |
| C ₅ H ₁₁ I | 1-Iodopentane | -47 e | -27 e | -1 e | 34 e | 83.0 | 156.5 | 5 | |
| C ₅ H ₁₁ I | 1-Iodo-3-methylbutane | | -34 e | -6.6 | 28.8 | 77.3 | 147.8 | 5 | |
| C ₅ H ₁₁ N | Cyclopentylamine | -66 e | -48 e | -26 e | 4 e | 45.8 | 108 e | 5 | |
| C ₅ H ₁₁ N | Piperidine | | | | 2 e | 43.3 | 105.8 | 5 | |
| C ₅ H ₁₁ N | <i>N</i> -Methylpyrrolidine | | | | -23 e | 18.5 | 78 e | 5 | |
| C ₅ H ₁₁ NO ₃ | 3-Methylbutyl nitrate | | -26 e | 1.0 | 35.5 | 81.7 | 147.0 | 5 | |
| C ₅ H ₁₂ | Pentane** | -115.5 | -99.8 | -80.0 | -54.0 | -18.1 | 35.7 | 16 | |
| C ₅ H ₁₂ | Isopentane | -119 e | -105 e | -86 e | -61 e | -26 e | 27.5 | 1 | |
| C ₅ H ₁₂ | Neopentane* | | -107.5 s | -90.8 s | -68.8 s | -38.5 s | 9.2 | 1,5 | |
| C ₅ H ₁₂ N ₂ O | Tetramethylurea | | | 20.7 | 58.0 | 106.7 | 179.5 | 5 | |
| C ₅ H ₁₂ O | 1-Pentanol | -27 e | -10 e | 12 e | 41 e | 79.8 | 137.4 | 5 | |
| C ₅ H ₁₂ O | 2-Pentanol | -35 e | -19 e | 1 e | 28.0 | 64.9 | 118.7 | 1 | |
| C ₅ H ₁₂ O | 3-Pentanol | -41 e | -25 e | -4 e | 24 e | 61.1 | 114.9 | 5 | |
| C ₅ H ₁₂ O | 2-Methyl-1-butanol | -27 e | -11 e | 9 e | 36.2 | 73.4 | 128.3 | 1 | |
| C ₅ H ₁₂ O | 3-Methyl-1-butanol | -22 e | -7 e | 13 e | 39.1 | 75.7 | 130.1 | 5 | |
| C ₅ H ₁₂ O | 2-Methyl-2-butanol | | | -5 e | 17.7 | 50.6 | 101.7 | 1,5 | |
| C ₅ H ₁₂ O | 3-Methyl-2-butanol | | | -3 e | 22.7 | 58.2 | 111.1 | 5 | |
| C ₅ H ₁₂ O | 2,2-Dimethyl-1-propanol | | | | | 59.2 | 112.7 | 5 | |
| C ₅ H ₁₂ O | Butyl methyl ether | | | -54 e | -27 e | 12 e | 69.8 | 1 | |
| C ₅ H ₁₂ O | Methyl <i>tert</i> -butyl ether | | | -66 e | -39 e | -2 e | 54.8 | 1 | |
| C ₅ H ₁₂ O | Ethyl propyl ether | -92 e | -77 e | -57 e | -30.5 | 6.7 | 63.4 | 1,5 | |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|---|--|--|---------|--------|---------|---------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₅ H ₁₂ O ₂ | 1,5-Pentanediol | 25 e | 52 e | 85 e | 125 e | 175.1 | 238.9 | 5 |
| C ₅ H ₁₂ O ₂ | Ethylene glycol monopropyl ether | | | | 40 e | 85.6 | 149.3 | 5 |
| C ₅ H ₁₂ O ₂ | Diethoxymethane | | -65 e | -43 e | -14 e | 27.3 | 87.7 | 5 |
| C ₅ H ₁₂ O ₃ | Diethylene glycol monomethyl ether | | 12 e | 40 e | 76 e | 124.2 | 193.7 | 1 |
| C ₅ H ₁₂ S | 1-Pentanethiol | -60 e | -41 e | -17 e | 15 e | 60 e | 126.2 | 1 |
| C ₅ H ₁₂ S | 2-Pentanethiol | -70 e | -52 e | -28 e | 3 e | 46.6 | 111.9 | 5 |
| C ₅ H ₁₂ S | 3-Pentanethiol | -70 e | -51 e | -28 e | 4 e | 47.7 | 113.4 | 5 |
| C ₅ H ₁₂ S | 2-Methyl-1-butanethiol | | | | 8.0 | 52.3 | 118.5 | 5 |
| C ₅ H ₁₂ S | 3-Methyl-1-butanethiol | | | | 7.8 | 51.9 | 117.9 | 5 |
| C ₅ H ₁₂ S | 2-Methyl-2-butanethiol | | | | -8.0 | 34.6 | 98.7 | 5 |
| C ₅ H ₁₂ S | Butyl methyl sulfide | | -43 e | -19 e | 13 e | 57 e | 123.0 | 1 |
| C ₅ H ₁₂ S | <i>tert</i> -Butyl methyl sulfide | | | | -7.8 | 34.7 | 98.4 | 5 |
| C ₅ H ₁₂ S | Ethyl propyl sulfide | -64 e | -46 e | -23 e | 9 e | 52.7 | 118.0 | 5 |
| C ₅ H ₁₂ S | Ethyl isopropyl sulfide | -72 e | -54 e | -31 e | 0 e | 42.7 | 106.9 | 5 |
| C ₅ H ₁₃ N | Pentylamine | | -52 e | -29 e | 1 e | 42.8 | 104.0 | 5 |
| C ₆ BrF ₅ | Bromopentafluorobenzene | | | -10 e | 23 e | 68 e | 136.0 | 5 |
| C ₆ ClF ₅ | Chloropentafluorobenzene | | -44 e | -21 e | 11 e | 53.8 | 117.6 | 1 |
| C ₆ Cl ₃ F ₃ | 1,3,5-Trichloro-2,4,6-trifluorobenzene | -19 e | 4 e | 32 e | 70 e | 121.7 | 197.9 | 1 |
| C ₆ F ₆ | Hexafluorobenzene | | -56.9 s | -36 s | -11.5 s | 22.6 | 79.9 | 1,5 |
| C ₆ F ₁₂ | Perfluorocyclohexane | | | | -46.2 s | -7.6 s | 48.9 s | 5 |
| C ₆ F ₁₄ | Perfluorohexane | | -75 e | -57 e | -32 e | 2.8 | 56.8 | 5 |
| C ₆ F ₁₄ | Perfluoro-2-methylpentane | | | | -33 e | 2.9 | 57.1 | 5 |
| C ₆ F ₁₄ | Perfluoro-3-methylpentane | -95 e | -80 e | -60 e | -34 e | 2.8 | 57.9 | 5 |
| C ₆ F ₁₄ | Perfluoro-2,3-dimethylbutane | | | | | 4.3 | 59.3 | 5 |
| C ₆ HF ₅ | Pentafluorobenzene | | | -41 e | -13 e | 27 e | 85.3 | 5 |
| C ₆ HF ₅ O | Pentafluorophenol | | | | 39 e | 82 e | 145.2 | 5 |
| C ₆ H ₂ F ₄ | 1,2,3,4-Tetrafluorobenzene | | | -36 e | -7 e | 33.8 | 94.0 | 1 |
| C ₆ H ₂ F ₄ | 1,2,3,5-Tetrafluorobenzene | | | -43 e | -14 e | 25.5 | 84.1 | 1 |
| C ₆ H ₂ F ₄ | 1,2,4,5-Tetrafluorobenzene | | | | | 30.7 | 89.9 | 1 |
| C ₆ H ₃ Cl ₃ O | 2,4,6-Trichlorophenol | | | 71.8 | 114.0 | 169.5 | 245.7 | 5 |
| C ₆ H ₃ F ₃ | 1,3,5-Trifluorobenzene | | | | | 18.2 | 75.0 | 5 |
| C ₆ H ₄ Br ₂ | <i>m</i> -Dibromobenzene | -7 e | 16 e | 44 e | 83 e | 137.0 | 218.2 | 5 |
| C ₆ H ₄ ClNO ₂ | 1-Chloro-4-nitrobenzene | 15.4 s | 35.8 s | | 97 e | 156.0 | 238 e | 5 |
| C ₆ H ₄ Cl ₂ | <i>o</i> -Dichlorobenzene | | -13 e | 16.3 | 53.9 | 104.6 | 180.0 | 1,5 |
| C ₆ H ₄ Cl ₂ | <i>m</i> -Dichlorobenzene | | -22 e | 8.0 | 46.7 | 97.8 | 172.5 | 1,5 |
| C ₆ H ₄ Cl ₂ | <i>p</i> -Dichlorobenzene | -45.5 s | -21.8 s | 8 s | 46.7 s | 99.0 | 173.6 | 1,5 |
| C ₆ H ₄ O ₂ | <i>p</i> -Benzoquinone | -4.1 s | 17.8 s | 43.5 s | 74.3 s | 111.6 s | | 5 |
| C ₆ H ₃ AsCl ₂ | Dichlorophenylarsine | 6.9 | 35.2 | 70 e | 113 e | 170 e | 245 e | 5 |
| C ₆ H ₅ Br | Bromobenzene | | -25 e | 1 e | 34.9 | 83.1 | 155.4 | 1 |
| C ₆ H ₅ Cl | Chlorobenzene | | -43 e | -17 e | 16.8 | 62.9 | 131.3 | 1,5 |
| C ₆ H ₅ ClO | <i>o</i> -Chlorophenol | | | | 45.8 | 97.9 | 173.9 | 5 |
| C ₆ H ₅ ClO | <i>m</i> -Chlorophenol | | | 39.7 | 80.2 | 135.1 | 213.4 | 5 |
| C ₆ H ₅ ClO | <i>p</i> -Chlorophenol | | | 45.0 | 86.5 | 142.0 | 219.9 | 5 |
| C ₆ H ₅ Cl ₃ Si | Trichlorophenylsilane | | | 33 e | 70.2 | 122.6 | 201 e | 5 |
| C ₆ H ₅ F | Fluorobenzene | | | | -16.9 | 24.2 | 84.4 | 1 |
| C ₆ H ₅ I | Iodobenzene | -30 e | -7 e | 20.9 | 58.5 | 110.6 | 187.8 | 1 |
| C ₆ H ₅ NO ₂ | Nitrobenzene | | 10 e | 40 e | 78 e | 132 e | 210.3 | 1 |
| C ₆ H ₅ NO ₃ | <i>p</i> -Nitrophenol | 72.6 s | 97.4 s | | | | | 5 |
| C ₆ H ₆ | 1,5-Hexadien-3-yne | -82 e | -66 e | -44.3 | -16.0 | 23.7 | 83.6 | 5 |
| C ₆ H ₆ | Benzene** | | | -40 s | -15.1 s | 20.0 | 79.7 | 1,5 |
| C ₆ H ₆ ClN | <i>o</i> -Chloroaniline | | 10 e | 39.0 | 75.2 | 131.4 | 208.3 | 5 |
| C ₆ H ₆ ClN | <i>m</i> -Chloroaniline | -5 e | 19.7 | 49.4 | 94.2 | 162 e | 1069 e | 5 |
| C ₆ H ₆ N ₂ O ₂ | <i>p</i> -Nitroaniline | 87.8 s | | | 192.0 | 252.6 | 331.2 | 5 |
| C ₆ H ₆ O | Phenol | -9.7 s | 9.6 s | 34.1 s | 68.9 | 113.7 | 181.4 | 1,5 |
| C ₆ H ₆ O ₃ | 1,2,3-Benzenetriol | | | | 162.0 | 222.8 | 308.3 | 5 |
| C ₆ H ₆ S | Benzenethiol | | -15 e | 12 e | 47 e | 96.0 | 168.6 | 5 |
| C ₆ H ₇ N | Aniline | | -2.5 | 26.7 | 63.5 | 112.5 | 183.5 | 1,5 |
| C ₆ H ₇ N | 2-Methylpyridine | -56.5 | -37.8 | -13.9 | 18.3 | 62.9 | 129.0 | 1,5 |
| C ₆ H ₇ N | 3-Methylpyridine | | | -5 e | 28.8 | 75.2 | 143.7 | 1 |
| C ₆ H ₇ N | 4-Methylpyridine | -58.2 s | -43.1 s | -3.9 s | 29.6 | 76.1 | 144.9 | 1,5 |
| C ₆ H ₈ | <i>cis</i> -1,3,5-Hexatriene | | | | | 21 e | 78 e | 5 |
| C ₆ H ₈ | 1,3-Cyclohexadiene | -88 e | -71 e | -50 e | -21 e | 19 e | 79.9 | 5 |
| C ₆ H ₈ | 1,4-Cyclohexadiene | | | | -15 e | 27.3 | 85.0 | 5 |
| C ₆ H ₈ N ₂ | Adiponitrile | 30 e | 61 e | 100 e | 148.6 | 211.8 | 297 e | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|--|---------------------------------------|--|---------|---------|---------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₆ H ₈ N ₂ | <i>m</i> -Phenylenediamine | | | 94.5 | 140.2 | 200.8 | 285.0 | 5 |
| C ₆ H ₈ N ₂ | Phenylhydrazine | | 38 e | 69 e | 109 e | 163.9 | 242.5 | 5 |
| C ₆ H ₈ O ₄ | Dimethyl maleate | | 5 e | 36 e | 76 e | 127.3 | 197 e | 5 |
| C ₆ H ₈ S | 2,5-Dimethylthiophene | | -43 e | -16 e | 20 e | 67.5 | 134.8 | 5 |
| C ₆ H ₁₀ | <i>trans</i> -1,3-Hexadiene | -86 e | -70 e | -51 e | -24 e | 14 e | 72 e | 5 |
| C ₆ H ₁₀ | <i>trans</i> -1,4-Hexadiene | -98 e | -81 e | -60 e | -33 e | 7 e | 65 e | 5 |
| C ₆ H ₁₀ | 1,5-Hexadiene | -99 e | -84 e | -64 e | -37 e | 0.9 | 59.2 | 5 |
| C ₆ H ₁₀ | <i>cis,cis</i> -2,4-Hexadiene | | | | | 18 e | 79.6 | 5 |
| C ₆ H ₁₀ | <i>trans,cis</i> -2,4-Hexadiene | -89 e | -73 e | -52 e | -23 e | 18 e | 79.6 | 5 |
| C ₆ H ₁₀ | <i>trans,trans</i> -2,4-Hexadiene | | | | | 18 e | 79.6 | 5 |
| C ₆ H ₁₀ | <i>trans</i> -2-Methyl-1,3-pentadiene | -92 e | -75 e | -54 e | -26 e | 14 e | 75.6 | 5 |
| C ₆ H ₁₀ | 2,3-Dimethyl-1,3-butadiene | | | -59 e | -30 e | 9.7 | 68.1 | 5 |
| C ₆ H ₁₀ | 1-Hexyne | -91 e | -75 e | -54 e | -26 e | 12.8 | 71.0 | 5 |
| C ₆ H ₁₀ | 2-Hexyne | -84 e | -67 e | -46 e | -17 e | 23.6 | 84.1 | 5 |
| C ₆ H ₁₀ | 3-Hexyne | -86 e | -69 e | -48 e | -19.1 | 21.0 | 81.0 | 1,5 |
| C ₆ H ₁₀ | 4-Methyl-1-pentyne | -97 e | -81 e | -61 e | -34 e | 4.1 | 60.7 | 5 |
| C ₆ H ₁₀ | 4-Methyl-2-pentyne | -91 e | -74 e | -54 e | -26 e | 13.8 | 72.7 | 5 |
| C ₆ H ₁₀ | Cyclohexene | -87 e | -70 e | -49 e | -19 e | 21 e | 82.6 | 1 |
| C ₆ H ₁₀ Cl ₂ | 1,1-Dichlorocyclohexane | -39 e | -19 e | 8 e | 43 e | 93.5 | 170.5 | 5 |
| C ₆ H ₁₀ Cl ₂ | <i>cis</i> -1,2-Dichlorocyclohexane | | | 27 e | 69 e | 125.7 | 206.2 | 5 |
| C ₆ H ₁₀ O | 4-Methyl-4-penten-2-one | -59 e | -41 e | -17 e | 14 e | 57.0 | 121.0 | 5 |
| C ₆ H ₁₀ O | Cyclohexanone | | -25 e | 1 e | 36 e | 84 e | 155.2 | 1 |
| C ₆ H ₁₀ O | Mesityl oxide | -56 e | -37 e | -13 e | 19 e | 63.5 | 129.3 | 5 |
| C ₆ H ₁₀ O ₂ | Vinyl butanoate | | | | | 53 e | 114.5 | 5 |
| C ₆ H ₁₀ O ₂ | Ethyl methacrylate | | | | 8 e | 53.2 | 116.8 | 5 |
| C ₆ H ₁₀ O ₂ | Allyl glycidyl ether | | | | 40.1 | 85.7 | 152.8 | 5 |
| C ₆ H ₁₀ O ₃ | Ethyl acetoacetate | -25 e | -3 e | 25.7 | 62.3 | 111.3 | 180.2 | 5 |
| C ₆ H ₁₀ O ₃ | Propanoic anhydride | -32 e | -15 e | 6 e | 36 e | 77.6 | 142.9 | 5 |
| C ₆ H ₁₀ O ₄ | Diethyl oxalate | -5 e | 18 e | 44.9 | 79.4 | 124.3 | 185.2 | 5 |
| C ₆ H ₁₀ O ₄ | Dimethyl succinate | | | 30 e | 70.4 | 123.3 | 195.4 | 5 |
| C ₆ H ₁₀ O ₄ | Ethylene glycol diacetate | -17 e | 6 e | 35.0 | 71.9 | 121.1 | 190.0 | 5 |
| C ₆ H ₁₀ S | Diallylsulfide | -58 e | -38 e | -12.4 | 21.7 | 68.8 | 138.1 | 5 |
| C ₆ H ₁₁ Cl | Chlorocyclohexane | | -35 e | -9 e | 25 e | 71.6 | 142.1 | 5 |
| C ₆ H ₁₁ N | Hexanenitrile | -40 e | -19 e | 8 e | 43 e | 91.5 | 163.2 | 1,5 |
| C ₆ H ₁₁ N | 4-Methylpentanenitrile | | -50 e | -20 e | 20 e | 75.2 | 155.2 | 5 |
| C ₆ H ₁₁ NO | Caprolactam | 36.8 s | 58.9 s | 86.6 s | | | 270 | 5 |
| C ₆ H ₁₂ | 1-Hexene | -99.8 | -82.8 | -61.4 | -33.7 | 5.2 | 63.1 | 1,5 |
| C ₆ H ₁₂ | <i>cis</i> -2-Hexene | -97 e | -80 e | -58 e | -30 e | 9.9 | 68.5 | 5 |
| C ₆ H ₁₂ | <i>trans</i> -2-Hexene | -94 e | -78 e | -57 e | -30 e | 9.3 | 67.5 | 5 |
| C ₆ H ₁₂ | <i>cis</i> -3-Hexene | -96 e | -79 e | -59 e | -30.8 | 7.9 | 66.0 | 5 |
| C ₆ H ₁₂ | <i>trans</i> -3-Hexene | -95 e | -79 e | -58 e | -30.0 | 8.8 | 66.7 | 5 |
| C ₆ H ₁₂ | 2-Methyl-1-pentene | -98 e | -82 e | -62 e | -34.2 | 4.1 | 61.7 | 5 |
| C ₆ H ₁₂ | 3-Methyl-1-pentene | -104 e | -88 e | -68 e | -41.5 | -3.6 | 53.8 | 5 |
| C ₆ H ₁₂ | 4-Methyl-1-pentene | -105 e | -89 e | -69 e | -41.6 | -3.6 | 53.5 | 5 |
| C ₆ H ₁₂ | 2-Methyl-2-pentene | -95 e | -78 e | -58 e | -30 e | 9.0 | 66.9 | 5 |
| C ₆ H ₁₂ | 3-Methyl- <i>cis</i> -2-pentene | -95 e | -79 e | -58 e | -30 e | 8.9 | 67.3 | 5 |
| C ₆ H ₁₂ | 3-Methyl- <i>trans</i> -2-pentene | -93 e | -77 e | -55 e | -27.4 | 11.7 | 70.0 | 5 |
| C ₆ H ₁₂ | 4-Methyl- <i>cis</i> -2-pentene | -102 e | -86 e | -66 e | -38.7 | -0.9 | 56.0 | 5 |
| C ₆ H ₁₂ | 4-Methyl- <i>trans</i> -2-pentene | -100 e | -84 e | -64 e | -36.8 | 1.2 | 58.2 | 5 |
| C ₆ H ₁₂ | 2-Ethyl-1-butene | -98 e | -81 e | -60 e | -32 e | 6.6 | 64.3 | 5 |
| C ₆ H ₁₂ | 2,3-Dimethyl-1-butene | -103 e | -87 e | -67 e | -39.9 | -1.9 | 55.2 | 5 |
| C ₆ H ₁₂ | 3,3-Dimethyl-1-butene | -110 e | -95 e | -76 e | -50.8 | -14.5 | 40.8 | 5 |
| C ₆ H ₁₂ | 2,3-Dimethyl-2-butene | | -75 e | -54 e | -25 e | 14 e | 72.9 | 1 |
| C ₆ H ₁₂ | Cyclohexane | -85.6 s | -68.9 s | -47.6 s | -19.8 s | 19.3 | 80.4 | 1,5 |
| C ₆ H ₁₂ | Methylcyclopentane | -97 e | -80 e | -58 e | -28.8 | 11.6 | 71.4 | 1,5 |
| C ₆ H ₁₂ | Ethylcyclobutane | -99 e | -82 e | -61 e | -32 e | 9 e | 70.2 | 5 |
| C ₆ H ₁₂ | Isopropylcyclopropane | -104 e | -88 e | -68 e | -40 e | -1 e | 57.9 | 5 |
| C ₆ H ₁₂ | 1-Ethyl-1-methylcyclopropane | -105 e | -89 e | -69 e | -41 e | -3 e | 56.3 | 5 |
| C ₆ H ₁₂ | 1,1,2-Trimethylcyclopropane | -109 e | -94 e | -73 e | -46 e | -7 e | 52.0 | 5 |
| C ₆ H ₁₂ Cl ₂ | 1,2-Dichlorohexane | | | | 49 e | 98.1 | 171.7 | 5 |
| C ₆ H ₁₂ Cl ₂ O | 2,2'-Dichlorodisopropyl ether | | -1 e | 27.3 | 63.4 | 112.3 | 182.1 | 5 |
| C ₆ H ₁₂ O | Butyl vinyl ether | -87 e | -67 e | -42 e | -9.3 | 33.6 | 93.2 | 5 |
| C ₆ H ₁₂ O | Isobutyl vinyl ether | -87 e | -68 e | -44 e | -13 e | 26.5 | 80.7 | 5 |
| C ₆ H ₁₂ O | Hexanal | -56 e | -37 e | -13 e | 19 e | 62.6 | 127.8 | 5 |
| C ₆ H ₁₂ O | 2-Hexanone | -43 e | -21 e | 4.2 | 34.5 | 61.9 | 127.2 | 1,5 |
| C ₆ H ₁₂ O | 3-Hexanone | | -40 e | -16 e | 15 e | 58.5 | 123.1 | 1 |
| C ₆ H ₁₂ O | 3-Methyl-2-pentanone | | | | 8.5 | 52.7 | 117.0 | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|---|--|--|-------|--------|-------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₆ H ₁₂ O | 4-Methyl-2-pentanone | -61 e | -43 e | -21 e | 9 e | 51.5 | 116.1 | 5 |
| C ₆ H ₁₂ O | 2-Methyl-3-pentanone | | | | | 50.2 | 113.0 | 5 |
| C ₆ H ₁₂ O | 3,3-Dimethyl-2-butanone | | | -30 e | 0 e | 42.5 | 105.7 | 1 |
| C ₆ H ₁₂ O | Cyclohexanol | | | 34 e | 61 e | 99.2 | 160.7 | 1 |
| C ₆ H ₁₂ O ₂ | Hexanoic acid | | 33 e | 59 e | 93 e | 139.3 | 204.5 | 1 |
| C ₆ H ₁₂ O ₂ | 4-Methylpentanoic acid | 36 e | 49 e | 67.1 | 92.9 | 133.6 | 206.8 | 5 |
| C ₆ H ₁₂ O ₂ | Diethylacetic acid | -9 e | 16 e | 46 e | 83 e | 130.7 | 192.5 | 5 |
| C ₆ H ₁₂ O ₂ | Isopentyl formate | -60 e | -41 e | -17 e | 15 e | 59.1 | 124 e | 5 |
| C ₆ H ₁₂ O ₂ | Butyl acetate | -63 e | -43 e | -19 e | 14 e | 61.0 | 125.6 | 1,5 |
| C ₆ H ₁₂ O ₂ | Isobutyl acetate | -63 e | -45 e | -21 e | 10 e | 53.4 | 116 e | 5 |
| C ₆ H ₁₂ O ₂ | Propyl propanoate | -62 e | -42 e | -18 e | 14 e | 58.3 | 122.0 | 5 |
| C ₆ H ₁₂ O ₂ | Ethyl butanoate | -49 e | -34 e | -14 e | 14.3 | 55.2 | 121.1 | 5 |
| C ₆ H ₁₂ O ₂ | Ethyl 2-methylpropanoate | -65 e | -47 e | -24.6 | 5.4 | 47.3 | 109.8 | 5 |
| C ₆ H ₁₂ O ₂ | Methyl pentanoate | | | | 19.2 | 63.7 | 127.4 | 5 |
| C ₆ H ₁₂ O ₂ | Methyl isopentanoate | | | | | 53.3 | 116.3 | 5 |
| C ₆ H ₁₂ O ₂ | Diacetone alcohol | -41 e | -17 e | 13 e | 50.1 | 98.5 | 164 e | 5 |
| C ₆ H ₁₂ O ₃ | Ethylene glycol monoethyl ether acetate | -25 e | -8 e | 14 e | 44.6 | 88.0 | 155.6 | 5 |
| C ₆ H ₁₂ O ₃ | Paraldehyde | | | | 17 e | 62.2 | 124 e | 5 |
| C ₆ H ₁₂ S | Cyclohexanethiol | | | | | 84.8 | 158.3 | 5 |
| C ₆ H ₁₂ S | <i>cis</i> -Tetrahydro-2,5-dimethylthiophene | -53 e | -34 e | -8 e | 25 e | 72.0 | 142.1 | 5 |
| C ₆ H ₁₂ S | Tetrahydro-3-methyl-2H-thiopyran | -48 e | -27 e | 0 e | 35 e | 84.1 | 157.5 | 5 |
| C ₆ H ₁₃ Br | 1-Bromohexane | -45 e | -25 e | 2 e | 36 e | 83.7 | 154.8 | 5 |
| C ₆ H ₁₃ Cl | 1-Chlorohexane | -55 e | -36 e | -11 e | 21 e | 66.7 | 134.6 | 5 |
| C ₆ H ₁₃ F | 1-Fluorohexane | -80 e | -62 e | -40 e | -11 e | 30.4 | 91.1 | 5 |
| C ₆ H ₁₃ I | 1-Iodohexane | -33 e | -11 e | 16 e | 53 e | 104.0 | 180.8 | 5 |
| C ₆ H ₁₃ N | Cyclohexylamine | | | -9 e | 22 e | 66.6 | 133.5 | 1 |
| C ₆ H ₁₄ | Hexane | -96.4 s | -79.2 | -57.6 | -29.3 | 9.8 | 68.3 | 16 |
| C ₆ H ₁₄ | 2-Methylpentane | -100 e | -84 e | -64 e | -36 e | 2 e | 59.9 | 1 |
| C ₆ H ₁₄ | 3-Methylpentane | -99 e | -83 e | -62 e | -34.3 | 4.6 | 62.9 | 1 |
| C ₆ H ₁₄ | 2,2-Dimethylbutane | | -90 e | -71.5 | -45.5 | -7.7 | 49.4 | 1 |
| C ₆ H ₁₄ | 2,3-Dimethylbutane | -103 e | -87 e | -66 e | -39.0 | -0.4 | 57.6 | 1 |
| C ₆ H ₁₄ O | 1-Hexanol | | 5 e | 28 e | 56.8 | 97.3 | 157.1 | 1 |
| C ₆ H ₁₄ O | 2-Hexanol | -28 e | -10 e | 12 e | 41.4 | 81.5 | 139.6 | 1 |
| C ₆ H ₁₄ O | 3-Hexanol | -43 e | -23 e | 1 e | 33 e | 75.4 | 135.1 | 1 |
| C ₆ H ₁₄ O | 2-Methyl-1-pentanol | | | 14 e | 45.9 | 88.3 | 147.6 | 5 |
| C ₆ H ₁₄ O | 4-Methyl-1-pentanol | | | 24 e | 53 e | 92.4 | 151.4 | 5 |
| C ₆ H ₁₄ O | 2-Methyl-2-pentanol | -29 e | -15 e | 3 e | 27.1 | 63.0 | 120.9 | 5 |
| C ₆ H ₁₄ O | 3-Methyl-2-pentanol | | | | 36.5 | 76.1 | 133.8 | 5 |
| C ₆ H ₁₄ O | 4-Methyl-2-pentanol | -43 e | -24 e | 0 e | 30 e | 71.9 | 131.3 | 5 |
| C ₆ H ₁₄ O | 2-Methyl-3-pentanol | | | | 29.8 | 68.8 | 126.0 | 5 |
| C ₆ H ₁₄ O | 3-Methyl-3-pentanol | | -23 e | -4 e | 22.9 | 61.1 | 121.1 | 5 |
| C ₆ H ₁₄ O | 2-Ethyl-1-butanol | | -5 e | 17 e | 46 e | 85.7 | 146.1 | 5 |
| C ₆ H ₁₄ O | 3,3-Dimethyl-1-butanol | -37 e | -16 e | 9 e | 42 e | 84.3 | 142.5 | 5 |
| C ₆ H ₁₄ O | 2,3-Dimethyl-2-butanol | | | -5 e | 23 e | 61.3 | 118.2 | 5 |
| C ₆ H ₁₄ O | Dipropyl ether | -80 e | -63 e | -41 e | -12 e | 28.8 | 89.7 | 1 |
| C ₆ H ₁₄ O | Diisopropyl ether | | -76 e | -55 e | -28 e | 11 e | 68.1 | 1 |
| C ₆ H ₁₄ O | Butyl ethyl ether | -78 e | -61 e | -39 e | -10 e | 31.0 | 91.9 | 1 |
| C ₆ H ₁₄ O | <i>tert</i> -Butyl ethyl ether | -90 e | -74 e | -53 e | -24.6 | 14.4 | 72.6 | 5 |
| C ₆ H ₁₄ O ₂ | 2-Methyl-2,4-pentanediol | -8 e | 17 e | 48 e | 86 e | 134.4 | 197.5 | 5 |
| C ₆ H ₁₄ O ₂ | Ethylene glycol monobutyl ether | -31 e | -8 e | 20 e | 55 e | 103.2 | 170.2 | 5 |
| C ₆ H ₁₄ O ₂ | 1,1-Diethoxyethane | -68 e | -49 e | -26 e | 3.7 | 44.2 | 101.9 | 5 |
| C ₆ H ₁₄ O ₂ | Ethylene glycol diethyl ether | | -59 e | -35.3 | -2.8 | 44.4 | 118.8 | 5 |
| C ₆ H ₁₄ O ₃ | 1,2,6-Hexanetriol | 92 e | 114.8 | 146.0 | 191 e | | | 5 |
| C ₆ H ₁₄ O ₃ | Dipropylene glycol | | | | 110 e | 162.6 | 231.4 | 5 |
| C ₆ H ₁₄ O ₃ | Diethylene glycol monoethyl ether | | | 40 e | 80.3 | 132.4 | 201.4 | 5 |
| C ₆ H ₁₄ O ₃ | Diethylene glycol dimethyl ether | -42 e | -20 e | 8.3 | 44.3 | 92.3 | 159.4 | 5 |
| C ₆ H ₁₄ O ₃ | Trimethylolpropane | 73 e | 98 e | 128 e | 167.8 | 220.5 | 295 e | 5 |
| C ₆ H ₁₄ O ₄ | Triethylene glycol | 44 e | 74 e | 109.0 | 152.6 | 207.2 | 277.9 | 5 |
| C ₆ H ₁₄ S | 1-Hexanethiol | -45 e | -25 e | 1 e | 35 e | 81.7 | 152.2 | 5 |
| C ₆ H ₁₄ S | 2-Hexanethiol | -50 e | -32 e | -8 e | 25 e | 69.9 | 138.4 | 5 |
| C ₆ H ₁₄ S | Dipropyl sulfide | -50 e | -30 e | -6 e | 28 e | 73.6 | 142.4 | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|---|--|--|--------|--------|--------|---------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₆ H ₁₄ S | Diisopropyl sulfide | -65 e | -47 e | -23 e | 9 e | 53.1 | 119.6 | 5 |
| C ₆ H ₁₄ S | Isopropyl propyl sulfide | | | | 18.5 | 63.8 | 131.6 | 5 |
| C ₆ H ₁₄ S | Butyl ethyl sulfide | -49 e | -30 e | -5 e | 29 e | 74.8 | 143.8 | 5 |
| C ₆ H ₁₅ N | Hexylamine | | | -10 e | 22 e | 66.0 | 130.6 | 5 |
| C ₆ H ₁₅ N | Butylethylamine | | | | 6.1 | 47.7 | 107.0 | 5 |
| C ₆ H ₁₅ N | Dipropylamine | | -48 e | -25 e | 6 e | 47.5 | 108.8 | 5 |
| C ₆ H ₁₅ N | Diisopropylamine | | | -47 e | -17.5 | 23.5 | 84.0 | 5 |
| C ₆ H ₁₅ N | Triethylamine | -58 e | -45 e | -29 e | -5 e | 29.9 | 88.5 | 1 |
| C ₆ H ₁₅ NO | 2-Diethylaminoethanol | | | | | 97 e | 160.6 | 5 |
| C ₆ H ₁₅ NO ₃ | Triethanolamine | 75 e | 108 e | 148 e | 196 e | 256.7 | 334 e | 5 |
| C ₆ H ₁₅ O ₄ P | Triethyl phosphate | | | 34 | 76 | 132 | 211 | 4 |
| C ₆ H ₁₆ N ₂ | Hexamethylenediamine | | | | 76.0 | 128.2 | 199.0 | 5 |
| C ₆ H ₁₆ O ₂ Si | Diethoxydimethylsilane | -62 e | -44 e | -21.2 | 9.1 | 51.0 | 113.0 | 5 |
| C ₆ H ₁₈ Cl ₂ O ₂ Si ₃ | 1,5-Dichloro-1,1,3,3,5,5-hexamethyltrisiloxane | -29 e | -7 e | 22.2 | 59.7 | 110.5 | 183.4 | 5 |
| C ₆ H ₁₈ OSi ₂ | Hexamethyldisiloxane | | -56 e | -34 e | -5 e | 37.1 | 100.1 | 5 |
| C ₆ MoO ₆ | Molybdenum hexacarbonyl | | 17.4 s | 42.8 s | 73.1 s | 109.9 s | 155.4 s | 5 |
| C ₇ F ₁₄ | Perfluoromethylcyclohexane | | | | -21 e | 18 e | 75.9 | 1 |
| C ₇ F ₁₆ | Perfluoroheptane | | -62 e | -41 e | -14 e | 24.7 | 82.1 | 1 |
| C ₇ HF ₁₅ | 1H-Pentadecafluoroheptane | | | | -7 e | 35.9 | 96.0 | 5 |
| C ₇ H ₃ ClF ₃ NO ₂ | 1-Chloro-2-nitro-4-(trifluoromethyl)benzene | 3 e | 26 e | 55 e | 92.8 | 145.2 | 222.0 | 5 |
| C ₇ H ₃ F ₅ | 2,3,4,5,6-Pentafluorotoluene | | | -20 e | 11 e | 53.6 | 117.0 | 5 |
| C ₇ H ₄ ClF ₃ | 1-Chloro-2-(trifluoromethyl)benzene | | | 1 e | 34.5 | 81.8 | 151.8 | 5 |
| C ₇ H ₄ ClF ₃ | 1-Chloro-3-(trifluoromethyl)benzene | -53 e | -34 e | -9 e | 24.2 | 69.8 | 137.2 | 5 |
| C ₇ H ₄ ClF ₃ | 1-Chloro-4-(trifluoromethyl)benzene | | | -9 e | 24.2 | 70.4 | 138.1 | 5 |
| C ₇ H ₄ Cl ₂ O | <i>o</i> -Chlorobenzoyl chloride | | | | 93 e | 149 e | 237.0 | 5 |
| C ₇ H ₄ Cl ₂ O | <i>m</i> -Chlorobenzoyl chloride | | | | 87.8 | 147 e | 225.0 | 5 |
| C ₇ H ₄ F ₃ NO ₂ | 1-Nitro-3-(trifluoromethyl)benzene | | 11 e | 39 e | 76.2 | 127.3 | 202.2 | 5 |
| C ₇ H ₄ F ₄ | 1-Fluoro-4-(trifluoromethyl)benzene | | | -38 e | -6 e | 38.6 | 102.3 | 5 |
| C ₇ H ₅ BrO | Benzoyl bromide | -15 e | 11 e | 42.6 | 83.9 | 139.5 | 218.0 | 5 |
| C ₇ H ₅ ClO | Benzoyl chloride | | | 27.5 | 67.0 | 120.4 | 196.7 | 5 |
| C ₇ H ₅ Cl ₃ | (Trichloromethyl)benzene | | 9 e | 40.6 | 81.5 | 136.2 | 213.0 | 5 |
| C ₇ H ₅ F ₃ | (Trifluoromethyl)benzene | | | | -3 e | 39 e | 101.6 | 5 |
| C ₇ H ₅ N | Benzonitrile | | -6 e | 23.9 | 63.1 | 115.7 | 190.0 | 5 |
| C ₇ H ₅ NS | Phenyl isothiocyanate | | | | 79.4 | 105 e | 117 e | 5 |
| C ₇ H ₆ Cl ₂ | 2,4-Dichlorotoluene | | 6 e | 33 e | 68.3 | 119.5 | 199.1 | 5 |
| C ₇ H ₆ Cl ₂ | 3,4-Dichlorotoluene | -13 e | 9 e | 38 e | 76 e | 129.3 | 208.4 | 5 |
| C ₇ H ₆ Cl ₂ | (Dichloromethyl)benzene | | | 31 | 72 | 130 | 213 | 4 |
| C ₇ H ₆ O | Benzaldehyde | | -9 e | 19 e | 54.6 | 104.6 | 178.3 | 1 |
| C ₇ H ₆ O ₂ | Salicylaldehyde | | -1 e | 29 e | 68 e | 120.7 | 196.2 | 5 |
| C ₇ H ₇ Br | <i>o</i> -Bromotoluene | | -10 e | 17 e | 54 e | 104.8 | 181.1 | 5 |
| C ₇ H ₇ Br | <i>m</i> -Bromotoluene | -34 e | -11 e | 19.4 | 58.1 | 109.9 | 183.1 | 5 |
| C ₇ H ₇ Br | <i>p</i> -Bromotoluene | | | | 57 e | 107.8 | 183.8 | 5 |
| C ₇ H ₇ Br | (Bromomethyl)benzene | | | 25.4 | 66.8 | 121.7 | 198.3 | 5 |
| C ₇ H ₇ Cl | <i>o</i> -Chlorotoluene | | -24 e | 3 e | 38 e | 86.3 | 158.7 | 1,5 |
| C ₇ H ₇ Cl | <i>m</i> -Chlorotoluene | -41 e | -21 e | 6 e | 41 e | 89 e | 161.8 | 5 |
| C ₇ H ₇ Cl | <i>p</i> -Chlorotoluene | | | | 40 e | 88.9 | 161.5 | 1,5 |
| C ₇ H ₇ Cl | (Chloromethyl)benzene | -34 e | -11 e | 17.7 | 55.4 | 106.3 | 178.9 | 5 |
| C ₇ H ₇ ClO | 1-Chloro-2-methoxybenzene | -22 e | 2 e | 33 e | 72 e | 125.2 | 201 e | 5 |
| C ₇ H ₇ F | <i>o</i> -Fluorotoluene | | -50 e | -26 e | 5 e | 49.0 | 113.9 | 5 |
| C ₇ H ₇ F | <i>m</i> -Fluorotoluene | -67 e | -48 e | -25 e | 7 e | 51.0 | 116.1 | 5 |
| C ₇ H ₇ F | <i>p</i> -Fluorotoluene | | -48 e | -24 e | 7 e | 51 e | 116.2 | 5 |
| C ₇ H ₇ NO ₂ | <i>o</i> -Nitrotoluene | 23 e | 40 e | 62 e | 94 e | 141.9 | 221.9 | 5 |
| C ₇ H ₇ NO ₂ | <i>m</i> -Nitrotoluene | | | 45 e | 89.7 | 148.7 | 231.3 | 5 |
| C ₇ H ₇ NO ₃ | 2-Nitroanisole | 15 e | 45 e | 82 e | 129 e | 189.4 | 271.8 | 5 |
| C ₇ H ₈ | Toluene | -78.1 | -57.1 | -31.3 | 1.5 | 45.2 | 110.1 | 5 |
| C ₇ H ₈ | Bicyclo[2.2.1]hepta-2,5-diene | | | | -15 e | 27.4 | 91 e | 5 |
| C ₇ H ₈ Cl ₂ Si | Dichloromethylphenylsilane | | | 32.4 | 71.8 | 126.0 | 205.0 | 5 |
| C ₇ H ₈ O | <i>o</i> -Cresol | -6.4 s | 12.8 s | 40.2 | 72.3 | 120.3 | 190.5 | 1,5 |
| C ₇ H ₈ O | <i>m</i> -Cresol | 20.8 | 33.6 | 52.4 | 82.6 | 130.6 | 201.8 | 1,5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|---|--------------------------------------|--|--------|--------|-------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₇ H ₈ O | <i>p</i> -Cresol | -0.2 s | 20.7 s | 52.7 | 83.1 | 130.7 | 201.5 | 1,5 |
| C ₇ H ₈ O | Benzyl alcohol | 8 e | 28 e | 54 e | 88 e | 134.7 | 204.9 | 1 |
| C ₇ H ₈ O | Anisole | | -21 e | 4 e | 38 e | 84 e | 153.2 | 1,5 |
| C ₇ H ₈ S | 3-Methylbenzenethiol | | 0 e | 29 e | 66 e | 117.9 | 194.6 | 5 |
| C ₇ H ₉ N | Benzylamine | | | 25.6 | 62.6 | 112.7 | 183.9 | 5 |
| C ₇ H ₉ N | <i>o</i> -Methylaniline | 1.0 | 18.8 | 42.6 | 76.1 | 125.6 | 199.9 | 1,5 |
| C ₇ H ₉ N | <i>m</i> -Methylaniline | 3.8 | 22.0 | 46.2 | 80.1 | 128.8 | 202.9 | 1,5 |
| C ₇ H ₉ N | <i>p</i> -Methylaniline | | | | 77.1 | 126.2 | 199.9 | 5 |
| C ₇ H ₉ N | <i>N</i> -Methylaniline | -16 e | 6 e | 34 e | 70.3 | 121.1 | 195.8 | 1 |
| C ₇ H ₉ N | 2-Ethylpyridine | -46 e | -26 e | -1 e | 33 e | 79.3 | 149.0 | 5 |
| C ₇ H ₉ N | 3-Ethylpyridine | -38 e | -17 e | 9 e | 44 e | 92.7 | 166.5 | 5 |
| C ₇ H ₉ N | 4-Ethylpyridine | -35 e | -15 e | 11 e | 46 e | 94.4 | 168.6 | 5 |
| C ₇ H ₉ N | 2,3-Dimethylpyridine | | | | 42 e | 89.9 | 160.6 | 5 |
| C ₇ H ₉ N | 2,4-Dimethylpyridine | | -25 e | 3.7 | 40.0 | 87.5 | 157.9 | 1,5 |
| C ₇ H ₉ N | 2,5-Dimethylpyridine | | | 4 e | 39 e | 86.2 | 156.6 | 1 |
| C ₇ H ₉ N | 2,6-Dimethylpyridine | | | -3 e | 29.9 | 75.8 | 143.6 | 1 |
| C ₇ H ₉ N | 3,4-Dimethylpyridine | | -9 e | 19 e | 55 e | 104.8 | 178.6 | 5 |
| C ₇ H ₉ N | 3,5-Dimethylpyridine | | | 11 e | 48 e | 98 e | 171.5 | 1 |
| C ₇ H ₁₀ N ₂ | Toluene-2,4-diamine | | | 100.4 | 145.3 | 202.9 | 279.5 | 5 |
| C ₇ H ₁₂ | 1-Heptyne | -75 e | -57 e | -35 e | -5 e | 37.1 | 99.5 | 5 |
| C ₇ H ₁₂ | 2-Heptyne | | -51 e | -27 e | 4 e | 46.9 | 111.5 | 5 |
| C ₇ H ₁₂ | 3-Heptyne | -71 e | -53 e | -31 e | 0 e | 42.7 | 106.4 | 5 |
| C ₇ H ₁₂ | 5-Methyl-1-hexyne | -80 e | -62 e | -40 e | -11 e | 30.1 | 91.4 | 5 |
| C ₇ H ₁₂ | 5-Methyl-2-hexyne | -75 e | -57 e | -34 e | -4 e | 38.6 | 102.0 | 5 |
| C ₇ H ₁₂ | 2-Methyl-3-hexyne | -78 e | -61 e | -39 e | -9 e | 32.6 | 94.8 | 5 |
| C ₇ H ₁₂ | 4,4-Dimethyl-1-pentyne | | -73 e | -52 e | -24 e | 15.9 | 75.6 | 5 |
| C ₇ H ₁₂ | 4,4-Dimethyl-2-pentyne | | -70 e | -48 e | -19 e | 21.4 | 82.6 | 5 |
| C ₇ H ₁₂ | Bicyclo[4.1.0]heptane | | | | | 49.9 | 116.3 | 5 |
| C ₇ H ₁₂ | Cycloheptene | | | -30.0 | 3.4 | 47.5 | 108 e | 5 |
| C ₇ H ₁₂ | 1-Methylbicyclo(3,1,0)hexane | | | | | 29.8 | 92.6 | 5 |
| C ₇ H ₁₂ | Methylenecyclohexane | -76 e | -58 e | -35 e | -5 e | 38 e | 103.0 | 5 |
| C ₇ H ₁₂ | 1-Methylcyclohexene | -72 e | -53 e | -30 e | 1 e | 45 e | 109.8 | 5 |
| C ₇ H ₁₂ | 4-Methylcyclohexene | -76 e | -59 e | -36 e | -5 e | 37.9 | 102.3 | 5 |
| C ₇ H ₁₂ | 1-Ethylcyclopentene | -75 e | -57 e | -34 e | -3 e | 40.7 | 105.8 | 5 |
| C ₇ H ₁₂ | 1,2-Dimethylcyclopentene | -75 e | -57 e | -34 e | -3 e | 40.2 | 105.3 | 5 |
| C ₇ H ₁₂ | 1,5-Dimethylcyclopentene | -77 e | -59 e | -36 e | -5.5 | 37.3 | 101.5 | 5 |
| C ₇ H ₁₂ O | Cycloheptanone | | | 18 e | 53.7 | 104.0 | 178.7 | 5 |
| C ₇ H ₁₂ O ₂ | Butyl acrylate | -52 e | -31 e | -4.5 | 30.4 | 78.0 | 146.9 | 5 |
| C ₇ H ₁₂ O ₂ | Propyl methacrylate | | | | 26 e | 73.8 | 139.7 | 5 |
| C ₇ H ₁₂ O ₃ | Ethyl levulinate | | 17 e | 45.3 | 82.6 | 133.2 | 205.7 | 5 |
| C ₇ H ₁₂ O ₄ | Diethyl malonate | -23 e | 4 e | 36.0 | 76.4 | 128.5 | 198.3 | 5 |
| C ₇ H ₁₂ O ₄ | Dimethyl glutarate | -11 e | 15 e | 47 e | 87.7 | 139.8 | 209.5 | 5 |
| C ₇ H ₁₃ ClO | Heptanoyl chloride | -17 e | 4 e | 29.4 | 59.7 | 96.9 | 144.0 | 5 |
| C ₇ H ₁₄ | 1-Heptene | -82.1 | -63.8 | -40.6 | -10.7 | 31.1 | 93.2 | 1,5 |
| C ₇ H ₁₄ | <i>cis</i> -2-Heptene | -79 e | -61 e | -38 e | -8 e | 34.3 | 98.0 | 5 |
| C ₇ H ₁₄ | <i>trans</i> -2-Heptene | -79 e | -61 e | -39 e | -8 e | 34.0 | 97.5 | 5 |
| C ₇ H ₁₄ | <i>cis</i> -3-Heptene | -80 e | -62 e | -40 e | -10 e | 32.3 | 95.3 | 5 |
| C ₇ H ₁₄ | <i>trans</i> -3-Heptene | -80 e | -62 e | -40 e | -10 e | 32.2 | 95.2 | 5 |
| C ₇ H ₁₄ | 2-Methyl-1-hexene | -81 e | -64 e | -42 e | -12 e | 29.3 | 91.6 | 5 |
| C ₇ H ₁₄ | 4-Methyl-1-hexene | -84 e | -67 e | -45 e | -16 e | 25.3 | 86.3 | 5 |
| C ₇ H ₁₄ | 2-Methyl-2-hexene | -80 e | -63 e | -40 e | -10 e | 32.0 | 95.0 | 5 |
| C ₇ H ₁₄ | <i>cis</i> -3-Methyl-2-hexene | -79 e | -62 e | -39 e | -9 e | 33.4 | 96.8 | 5 |
| C ₇ H ₁₄ | <i>trans</i> -4-Methyl-2-hexene | -83 e | -66 e | -44 e | -15 e | 25.9 | 87.1 | 5 |
| C ₇ H ₁₄ | <i>trans</i> -5-Methyl-2-hexene | -83 e | -66 e | -44 e | -15 e | 26.3 | 87.7 | 5 |
| C ₇ H ₁₄ | <i>trans</i> -2-Methyl-3-hexene | -84 e | -67 e | -45 e | -16 e | 24.6 | 85.5 | 5 |
| C ₇ H ₁₄ | 3-Ethyl-1-pentene | -85 e | -68 e | -46 e | -17 e | 23.2 | 83.7 | 5 |
| C ₇ H ₁₄ | 2,3-Dimethyl-1-pentene | -85 e | -68 e | -46 e | -17 e | 23.4 | 83.8 | 5 |
| C ₇ H ₁₄ | 2,4-Dimethyl-1-pentene | -88 e | -71 e | -50 e | -21 e | 20.0 | 81.2 | 5 |
| C ₇ H ₁₄ | 3,3-Dimethyl-1-pentene | -87 e | -71 e | -50 e | -21 e | 18.1 | 77.1 | 5 |
| C ₇ H ₁₄ | 4,4-Dimethyl-1-pentene | -94 e | -78 e | -57 e | -28 e | 11.5 | 72.1 | 5 |
| C ₇ H ₁₄ | 2,3-Dimethyl-2-pentene | -79 e | -62 e | -39 e | -9 e | 33.5 | 96.9 | 5 |
| C ₇ H ₁₄ | 2,4-Dimethyl-2-pentene | -84 e | -68 e | -46 e | -18 e | 22.6 | 82.9 | 5 |
| C ₇ H ₁₄ | <i>cis</i> -3,4-Dimethyl-2-pentene | -83 e | -65 e | -43 e | -14 e | 27.2 | 88.8 | 5 |
| C ₇ H ₁₄ | <i>trans</i> -3,4-Dimethyl-2-pentene | -82 e | -64 e | -42 e | -13 e | 29.0 | 91.1 | 5 |
| C ₇ H ₁₄ | <i>cis</i> -4,4-Dimethyl-2-pentene | -90 e | -73 e | -51 e | -22 e | 18.6 | 80.0 | 5 |
| C ₇ H ₁₄ | <i>trans</i> -4,4-Dimethyl-2-pentene | -90 e | -73 e | -52 e | -23 e | 16.6 | 76.3 | 5 |
| C ₇ H ₁₄ | 2,3,3-Trimethyl-1-butene | -91 e | -75 e | -53 e | -24.2 | 16.3 | 77.5 | 5 |
| C ₇ H ₁₄ | Cycloheptane | | | | 6 e | 51.1 | 118.4 | 1 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|---|--|--|--------|--------|-------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₇ H ₁₄ | Methylcyclohexane | -79 e | -62 e | -39 e | -7.9 | 35.5 | 100.5 | 1 |
| C ₇ H ₁₄ | Ethylcyclopentane | -76 e | -59 e | -35 e | -5 e | 38.4 | 103.0 | 5 |
| C ₇ H ₁₄ | 1,1-Dimethylcyclopentane | | -69 e | -47 e | -17 e | 24.8 | 87.4 | 5 |
| C ₇ H ₁₄ | <i>cis</i> -1,2-Dimethylcyclopentane | | | -38 e | -8 e | 34.9 | 99.0 | 5 |
| C ₇ H ₁₄ | <i>trans</i> -1,2-Dimethylcyclopentane | -83 e | -66 e | -43 e | -13 e | 28.4 | 91.4 | 5 |
| C ₇ H ₁₄ | <i>cis</i> -1,3-Dimethylcyclopentane | -84 e | -66 e | -44 e | -14 e | 28.2 | 91.1 | 5 |
| C ₇ H ₁₄ | <i>trans</i> -1,3-Dimethylcyclopentane | -84 e | -67 e | -44 e | -14 e | 27.4 | 90.3 | 5 |
| C ₇ H ₁₄ O | 1-Heptanal | -41 e | -21 e | 4 e | 37 e | 83.7 | 152.3 | 5 |
| C ₇ H ₁₄ O | 2-Heptanone | | -22 e | 3 e | 36 e | 82.2 | 150.6 | 1 |
| C ₇ H ₁₄ O | 3-Heptanone | | -28 e | 0 e | 36 e | 83.2 | 147.0 | 5 |
| C ₇ H ₁₄ O | 4-Heptanone | -27 e | -6 e | 18.8 | 50.2 | 90.3 | 143.4 | 5 |
| C ₇ H ₁₄ O | 5-Methyl-2-hexanone | | -27 e | -2 e | 31.0 | 76.6 | 144.4 | 5 |
| C ₇ H ₁₄ O | 2,4-Dimethyl-3-pentanone | -61 e | -42 e | -18 e | 14 e | 58.5 | 124.8 | 1 |
| C ₇ H ₁₄ O ₂ | Heptanoic acid | 24 e | 46 e | 72 e | 107 e | 154.6 | 222.6 | 5 |
| C ₇ H ₁₄ O ₂ | Pentyl acetate | -58 e | -39 e | -14 e | 20 e | 70.1 | 149 e | 5 |
| C ₇ H ₁₄ O ₂ | Isopentyl acetate | -51 e | -30 e | -4 e | 30.3 | 76.2 | 141.4 | 5 |
| C ₇ H ₁₄ O ₂ | Isobutyl propanoate | -35 e | -19 e | 2 e | 31 e | 72.0 | 136.1 | 5 |
| C ₇ H ₁₄ O ₂ | Propyl butanoate | -35 e | -19 e | 3 e | 32.0 | 74.9 | 142.8 | 5 |
| C ₇ H ₁₄ O ₂ | Propyl isobutanoate | | -28 e | -5.7 | 24.5 | 67.5 | 133.3 | 5 |
| C ₇ H ₁₄ O ₂ | Isopropyl isobutanoate | | -44 e | -19.7 | 12.2 | 56.0 | 120.1 | 5 |
| C ₇ H ₁₄ O ₂ | Ethyl 3-methylbutanoate | -57 e | -36 e | -10 e | 23.9 | 69.5 | 134.4 | 5 |
| C ₇ H ₁₄ O ₂ | Methyl hexanoate | -47 e | -26 e | 2 e | 36.6 | 83.3 | 149 e | 5 |
| C ₇ H ₁₄ O ₂ | 4-Methoxy-4-methyl-2-pentanone | | | | 43 e | 89.8 | 160 e | 5 |
| C ₇ H ₁₅ Br | 1-Bromoheptane | -30 e | -9 e | 18 e | 54 e | 104.4 | 178.4 | 5 |
| C ₇ H ₁₅ Cl | 1-Chloroheptane | -39 e | -19 e | 7 e | 41 e | 88.6 | 159.9 | 5 |
| C ₇ H ₁₅ F | 1-Fluoroheptane | -64 e | -45 e | -22 e | 10 e | 53.3 | 117.4 | 5 |
| C ₇ H ₁₅ I | 1-Iodoheptane | -19 e | 3 e | 32 e | 71 e | 123.8 | 203.4 | 5 |
| C ₇ H ₁₆ | Heptane | -78.6 | -60.2 | -37.0 | -6.6 | 35.4 | 98.0 | 16 |
| C ₇ H ₁₆ | 2-Methylhexane | -82 e | -65 e | -43 e | -13 e | 27.8 | 89.7 | 1 |
| C ₇ H ₁₆ | 3-Methylhexane | -81 e | -64 e | -42 e | -12 e | 29.2 | 91.5 | 1 |
| C ₇ H ₁₆ | 3-Ethylpentane | -81 e | -63 e | -41 e | -11 e | 30.5 | 93.1 | 1 |
| C ₇ H ₁₆ | 2,2-Dimethylpentane | -90 e | -73 e | -52 e | -22.9 | 17.6 | 78.8 | 1 |
| C ₇ H ₁₆ | 2,3-Dimethylpentane | -87 e | -68.4 | -45.3 | -14.9 | 26.8 | 89.3 | 5 |
| C ₇ H ₁₆ | 2,4-Dimethylpentane | -89 e | -72 e | -50 e | -21.3 | 19.2 | 80.1 | 1 |
| C ₇ H ₁₆ | 3,3-Dimethylpentane | -88 e | -71 e | -49 e | -18.8 | 22.9 | 85.6 | 1 |
| C ₇ H ₁₆ | 2,2,3-Trimethylbutane | | | | -23.2 | 18.1 | 80.4 | 5 |
| C ₇ H ₁₆ O | 1-Heptanol | | 17 e | 40 e | 70.1 | 112.5 | 176 e | 1 |
| C ₇ H ₁₆ O | 2-Heptanol | -9 e | 7 e | 27 e | 55.0 | 95.2 | 158.7 | 5 |
| C ₇ H ₁₆ O | 3-Heptanol | -8 e | 7 e | 27 e | 54.5 | 93.9 | 156.3 | 5 |
| C ₇ H ₁₆ O | 4-Heptanol | -16 e | 1 e | 22 e | 51 e | 91.9 | 154.6 | 5 |
| C ₇ H ₁₆ O | 2,2-Dimethyl-3-pentanol | | | 9 e | 35 e | 73.1 | 135.5 | 5 |
| C ₇ H ₁₆ S | 1-Heptanethiol | -30 e | -9 e | 18 e | 53 e | 102.7 | 176.4 | 5 |
| C ₇ H ₁₇ N | Heptylamine | | | 5 e | 39 e | 86.7 | 156.4 | 5 |
| C ₇ H ₁₈ N ₂ | <i>N,N</i> -Diethyl-1,3-propanediamine | | | | 50.1 | 99.9 | 167.7 | 5 |
| C ₈ F ₁₈ | Perfluorooctane | | | | 5 e | 45.0 | 105.6 | 5 |
| C ₈ H ₄ O ₃ | Phthalic anhydride | 48.2 s | 72.4 s | | | 192.7 | 284.2 | 5 |
| C ₈ H ₆ O | Benzofuran | -16 e | | 12 e | 47.9 | 97.7 | 170.7 | 5 |
| C ₈ H ₇ Cl | <i>o</i> -Chlorostyrene | -33 e | -10 e | 20 e | 58 e | 110.8 | 188 e | 5 |
| C ₈ H ₇ N | 2-Methylbenzotrile | | 1 e | 32.1 | 72.2 | 126.6 | 204.7 | 5 |
| C ₈ H ₇ N | 4-Methylbenzotrile | | | 40.1 | 78.7 | 134.3 | 221.3 | 5 |
| C ₈ H ₇ N | Benzeneacetonitrile | -3 e | 23 e | 55.3 | 97.4 | 153.7 | 233.1 | 5 |
| C ₈ H ₇ N | Indole | 20.6 s | 44.5 s | | | | 254.0 | 5 |
| C ₈ H ₇ NO ₄ | Methyl 2-nitrobenzoate | 17 e | 49 e | 89 e | 140 e | 208 e | 302 e | 5 |
| C ₈ H ₈ | Styrene | | -31 e | -5 e | 28.6 | 75.4 | 144.7 | 1 |
| C ₈ H ₈ | 1,3,5,7-Cyclooctatetraene | | | | 24.3 | 71.0 | 140.1 | 5 |
| C ₈ H ₈ O | Acetophenone | | | 36 e | 73 e | 125.3 | 201.5 | 5 |
| C ₈ H ₈ O ₂ | Phenyl acetate | | 3 e | 33.1 | 72.2 | 123.9 | 195.5 | 5 |
| C ₈ H ₈ O ₂ | Methyl benzoate | | -1 e | 29 e | 68 e | 121.2 | 198.9 | 5 |
| C ₈ H ₈ O ₂ | 4-Methoxybenzaldehyde | 9 e | 35 e | 68.1 | 110.8 | 167.9 | 248.5 | 5 |
| C ₈ H ₈ O ₃ | Methyl salicylate | -1 e | 22 e | 51 e | 88.8 | 141.8 | 219.9 | 5 |
| C ₈ H ₉ Cl | 1-Chloro-2-ethylbenzene | -30 e | -9 e | 18 e | 54 e | 103.7 | 177.9 | 5 |
| C ₈ H ₉ Cl | 1-Chloro-4-ethylbenzene | -27 e | -6 e | 22 e | 58 e | 108.7 | 183.9 | 5 |
| C ₈ H ₉ NO ₂ | 1-Ethyl-4-nitrobenzene | 10 e | 36 e | 69 e | 111.6 | 168 e | 245 e | 5 |
| C ₈ H ₁₀ | Ethylbenzene | -56.2 | -36.8 | -12.0 | 21.1 | 67.1 | 135.7 | 1 |
| C ₈ H ₁₀ | <i>o</i> -Xylene | | | -7 e | 27 e | 74.2 | 143.9 | 1 |
| C ₈ H ₁₀ | <i>m</i> -Xylene | | -35 e | -10 e | 23.4 | 69.8 | 138.7 | 1 |
| C ₈ H ₁₀ | <i>p</i> -Xylene | | | | 22.4 | 68.9 | 137.9 | 1 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|---|--|--|--------|--------|-------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₈ H ₁₀ O | <i>o</i> -Ethylphenol | | 16.9 | 44.5 | 81.1 | 130.9 | 204.0 | 5 |
| C ₈ H ₁₀ O | <i>m</i> -Ethylphenol | 5.6 | 29.2 | 57.5 | 91.9 | 144.8 | 217.9 | 5 |
| C ₈ H ₁₀ O | <i>p</i> -Ethylphenol | | | 60 e | 95.5 | 144.6 | 217.5 | 5 |
| C ₈ H ₁₀ O | 2,3-Xylenol | 14.3 s | 34.3 s | 57.2 s | 91.4 | 141.7 | 216.4 | 1,5 |
| C ₈ H ₁₀ O | 2,4-Xylenol | | | 50.2 | 85.5 | 137.2 | 210.5 | 1,5 |
| C ₈ H ₁₀ O | 2,5-Xylenol | 13.4 s | 33.2 s | 55.9 s | 87.4 | 137.0 | 210.6 | 5 |
| C ₈ H ₁₀ O | 2,6-Xylenol | -3.1 s | 16.7 s | 39.6 s | 75.3 | 125.9 | 200.6 | 1,5 |
| C ₈ H ₁₀ O | 3,4-Xylenol | 19.7 s | 40.2 s | 63.7 s | 102.1 | 152.3 | 226.4 | 1,5 |
| C ₈ H ₁₀ O | 3,5-Xylenol | 16.5 s | 37.2 s | 61.1 s | 98.0 | 147.9 | 221.3 | 1,5 |
| C ₈ H ₁₀ O | Benzeneethanol | 2 e | 25 e | 54 e | 92 e | 143.6 | 217.7 | 5 |
| C ₈ H ₁₀ O | Phenotole | | -9 e | 17 e | 51 e | 99 e | 169.3 | 5 |
| C ₈ H ₁₀ O ₂ | 2-Phenoxyethanol | 21 e | 46 e | 75.9 | 115.4 | 168.7 | 244.8 | 5 |
| C ₈ H ₁₀ O ₂ | 1,3-Dimethoxybenzene | 18 e | 34 e | 56 e | 86.7 | 135.5 | 223 e | 5 |
| C ₈ H ₁₁ N | <i>p</i> -Ethylaniline | -2 e | 21 e | 49 e | 87 e | 139.4 | 216.7 | 5 |
| C ₈ H ₁₁ N | <i>N</i> -Ethylaniline | -15 e | 8 e | 38 e | 76.4 | 128.8 | 204.2 | 5 |
| C ₈ H ₁₁ N | <i>N,N</i> -Dimethylaniline | | | 28 e | 66 e | 118.1 | 193.6 | 1 |
| C ₈ H ₁₁ N | 2,4-Xylidine | -2 e | 21 e | 51 e | 88 e | 139.1 | 210.9 | 5 |
| C ₈ H ₁₁ N | 2,6-Xylidine | | | 37 e | 80 e | 137.7 | 217.7 | 5 |
| C ₈ H ₁₁ N | 5-Ethyl-2-picoline | -33 e | -9.3 | 20 e | | | 178.0 | 5 |
| C ₈ H ₁₁ NO | <i>o</i> -Phenetidine | 0 e | 27 e | 60 e | 102.2 | 156.0 | 228.1 | 5 |
| C ₈ H ₁₂ | 1,5-Cyclooctadiene | | -37 e | -8 e | 30 e | 80.2 | 150 e | 5 |
| C ₈ H ₁₂ | 4-Vinylcyclohexene | -62 e | -43 e | -19 e | 14.1 | 59.9 | 129 e | 5 |
| C ₈ H ₁₂ O ₄ | Diethyl maleate | -6 e | 20 e | 52.2 | 93.5 | 148.4 | 224.8 | 5 |
| C ₈ H ₁₄ | 2,5-Dimethyl-1,5-hexadiene | -38 e | -26 e | -10 e | 14 e | 50.8 | 115.1 | 5 |
| C ₈ H ₁₄ | 1-Octyne | -59 e | -40 e | -16 e | 16 e | 60.3 | 125.8 | 1 |
| C ₈ H ₁₄ | 2-Octyne | -52 e | -33 e | -8 e | 25 e | 70.6 | 137.8 | 1 |
| C ₈ H ₁₄ | 3-Octyne | -55 e | -35 e | -11 e | 22 e | 66.8 | 132.8 | 1 |
| C ₈ H ₁₄ | 4-Octyne | -56 e | -36 e | -12 e | 21 e | 65.6 | 131.4 | 1 |
| C ₈ H ₁₄ | 1-Ethylcyclohexene | -55 e | -35 e | -11 e | 22 e | 68 e | 136.5 | 5 |
| C ₈ H ₁₄ O ₂ | Cyclohexyl acetate | | | | | 103.1 | 172.9 | 5 |
| C ₈ H ₁₄ O ₂ | Butyl methacrylate | | | | 47 e | 93.3 | 159.0 | 5 |
| C ₈ H ₁₄ O ₃ | Butanoic anhydride | -28 e | -2 e | 30 e | 71 e | 123.8 | 196.5 | 5 |
| C ₈ H ₁₄ O ₄ | Ethyl succinate | -6 e | 20 e | 51.0 | 91.1 | 143.7 | 216.1 | 5 |
| C ₈ H ₁₄ O ₄ | Dipropyl oxalate | -4 e | 20 e | 49.9 | 88.6 | 140.4 | 213.0 | 5 |
| C ₈ H ₁₄ O ₄ | Dimethyl adipate | | 28 e | 61 e | 103 e | 156.1 | 227.3 | 5 |
| C ₈ H ₁₅ Br | (2-Bromoethyl)cyclohexane | -14 e | 8 e | 36.9 | 75.3 | 129.7 | 212.5 | 5 |
| C ₈ H ₁₅ ClO | Octanoyl chloride | 1 e | 22 e | 46 e | 74.7 | 109 e | 150 e | 5 |
| C ₈ H ₁₅ N | Octanenitrile | -15 e | 8 e | 37 e | 75 e | 127.7 | 204.4 | 5 |
| C ₈ H ₁₆ | 1-Octene | -65.7 | -46.1 | -21.4 | 10.5 | 54.9 | 120.9 | 1,5 |
| C ₈ H ₁₆ | <i>cis</i> -2-Octene | -59 e | -41 e | -17 e | 15 e | 59 e | 125.2 | 5 |
| C ₈ H ₁₆ | <i>trans</i> -2-Octene | -59 e | -41 e | -17 e | 14 e | 59 e | 124.5 | 5 |
| C ₈ H ₁₆ | <i>cis</i> -3-Octene | -65 e | -46 e | -22 e | 10 e | 55.1 | 122.4 | 5 |
| C ₈ H ₁₆ | <i>trans</i> -3-Octene | -61 e | -43 e | -19 e | 13 e | 57 e | 122.8 | 5 |
| C ₈ H ₁₆ | <i>cis</i> -4-Octene | -63 e | -44 e | -20 e | 11 e | 56 e | 122.1 | 5 |
| C ₈ H ₁₆ | <i>trans</i> -4-Octene | -65 e | -46 e | -22 e | 10 e | 54.6 | 121.8 | 5 |
| C ₈ H ₁₆ | 2-Methyl-1-heptene | -66 e | -48 e | -24 e | 8 e | 52.3 | 118.7 | 5 |
| C ₈ H ₁₆ | 2,2-Dimethyl- <i>cis</i> -3-hexene | -74 e | -56 e | -33 e | -3 e | 40.1 | 105.0 | 5 |
| C ₈ H ₁₆ | 2,3-Dimethyl-2-hexene | -65 e | -47 e | -23 e | 10 e | 54.3 | 121.3 | 5 |
| C ₈ H ₁₆ | 2,3,3-Trimethyl-1-pentene | | -53 e | -30 e | 1 e | 43.8 | 107.9 | 5 |
| C ₈ H ₁₆ | 2,4,4-Trimethyl-1-pentene | -79 e | -61 e | -38 e | -7 e | 36.2 | 101.0 | 5 |
| C ₈ H ₁₆ | 2,3,4-Trimethyl-2-pentene | -68 e | -49 e | -26 e | 6 e | 50.0 | 115.8 | 5 |
| C ₈ H ₁₆ | 2,4,4-Trimethyl-2-pentene | -73 e | -56 e | -33 e | -2 e | 40.4 | 104.5 | 5 |
| C ₈ H ₁₆ | Cyclooctane | | | | 30 e | 78 e | 150.7 | 1 |
| C ₈ H ₁₆ | Ethylcyclohexane | -61 e | -42 e | -17 e | 15.8 | 61.9 | 131.3 | 5 |
| C ₈ H ₁₆ | 1,1-Dimethylcyclohexane | | | -27 e | 5 e | 50.6 | 119.1 | 5 |
| C ₈ H ₁₆ | <i>cis</i> -1,2-Dimethylcyclohexane | | -44 e | -20 e | 14 e | 59.7 | 129.2 | 5 |
| C ₈ H ₁₆ | <i>trans</i> -1,2-Dimethylcyclohexane | -68 e | -49 e | -25 e | 8 e | 53.9 | 122.9 | 5 |
| C ₈ H ₁₆ | <i>cis</i> -1,3-Dimethylcyclohexane | -68 e | -48 e | -23 e | 10 e | 55.6 | 123.1 | 5 |
| C ₈ H ₁₆ | <i>trans</i> -1,3-Dimethylcyclohexane | -62 e | -45 e | -23 e | 8 e | 51.5 | 120.9 | 5 |
| C ₈ H ₁₆ | <i>cis</i> -1,4-Dimethylcyclohexane | -66 e | -47 e | -23 e | 10 e | 55.3 | 123.8 | 5 |
| C ₈ H ₁₆ | <i>trans</i> -1,4-Dimethylcyclohexane | | | -27 e | 5 e | 50.6 | 118.9 | 5 |
| C ₈ H ₁₆ | Propylcyclopentane | -60 e | -41 e | -16 e | 16.5 | 62.1 | 130.5 | 5 |
| C ₈ H ₁₆ | Isopropylcyclopentane | -65 e | -46 e | -21 e | 12 e | 57.3 | 125.9 | 5 |
| C ₈ H ₁₆ | 1-Ethyl-1-methylcyclopentane | -67 e | -49 e | -24 e | 8 e | 53.2 | 121.0 | 5 |
| C ₈ H ₁₆ | <i>cis</i> -1-Ethyl-2-methylcyclopentane | -63 e | -44 e | -19 e | 13.3 | 59.1 | 127.6 | 5 |
| C ₈ H ₁₆ | 1,1,2-Trimethylcyclopentane | | | | 2 e | 46.2 | 113.2 | 5 |
| C ₈ H ₁₆ | 1,1,3-Trimethylcyclopentane | -77 e | -59 e | -36 e | -5 e | 38.7 | 104.4 | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|---|---|--|-------|---------|-------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₈ H ₁₆ | 1',2',4a-1,2,4-Trimethylcyclopentane | -70 e | -52 e | -28 e | 4 e | 48.9 | 116.2 | 5 |
| C ₈ H ₁₆ | 1',2a,4'-1,2,4-Trimethylcyclopentane | -74 e | -56 e | -33 e | -1 e | 42.8 | 108.8 | 5 |
| C ₈ H ₁₆ O | 1-Propylcyclopentanol | 9 e | 24 e | 43 e | 69.0 | 108.4 | 173.5 | 5 |
| C ₈ H ₁₆ O | Octanal | | | 6 e | 45.7 | 97.8 | 170.2 | 5 |
| C ₈ H ₁₆ O | 2-Octanone | | -3 e | 23 e | 57 e | 103.8 | 172.1 | 5 |
| C ₈ H ₁₆ O | 3-Octanone | | | 8 e | 47.7 | 97 e | 161 e | 5 |
| C ₈ H ₁₆ O | 2,2,4-Trimethyl-3-pentanone | | | 11.3 | 42.1 | 81.7 | 134.6 | 5 |
| C ₈ H ₁₆ O ₂ | Octanoic acid | 37 e | 58 e | 85 e | 120 e | 165.5 | 238.4 | 1,5 |
| C ₈ H ₁₆ O ₂ | 2-Ethylhexanoic acid | | | | 108 e | 159.6 | 226.6 | 5 |
| C ₈ H ₁₆ O ₂ | Hexyl acetate | -37 e | -13 e | 16 e | 52.8 | 100.4 | 164 e | 5 |
| C ₈ H ₁₆ O ₂ | Isopentyl propanoate | | | 3.1 | 40.7 | 90.6 | 159.8 | 5 |
| C ₈ H ₁₆ O ₂ | Isobutyl isobutanoate | -47 e | -26 e | 0.4 | 34.8 | 81.1 | 147.0 | 5 |
| C ₈ H ₁₆ O ₂ | Propyl 3-methylbutanoate | | | 1.8 | 38.9 | 87.9 | 155.6 | 5 |
| C ₈ H ₁₆ O ₂ | Ethyl hexanoate | -31 e | -9 e | 18.7 | 53.9 | 100.7 | 166.2 | 5 |
| C ₈ H ₁₆ O ₂ | Methyl heptanoate | -30 e | -9 e | 19 e | 54.2 | 102.4 | 172 e | 5 |
| C ₈ H ₁₆ O ₄ | Diethylene glycol monoethyl ether acetate | -16 e | 10.6 | 43.9 | 86.2 | 141.3 | 216.6 | 5 |
| C ₈ H ₁₇ Br | 1-Bromooctane | -17 e | 6 e | 34 e | 72 e | 123.8 | 200.3 | 5 |
| C ₈ H ₁₇ Cl | 1-Chlorooctane | -25 e | -4 e | 23 e | 59 e | 108.8 | 182.9 | 5 |
| C ₈ H ₁₇ Cl | 3-(Chloromethyl)heptane | | | | | 100.3 | 172.4 | 5 |
| C ₈ H ₁₇ F | 1-Fluorooctane | | | | 29 e | 74.6 | 141.8 | 5 |
| C ₈ H ₁₇ I | 1-Iodooctane | -6 e | 18 e | 48 e | 87 e | 142.5 | 224.5 | 5 |
| C ₈ H ₁₈ | Octane | | -42.6 | -17.9 | 14.4 | 58.9 | 125.3 | 16 |
| C ₈ H ₁₈ | 2-Methylheptane | -69 e | -49.1 | -24.5 | 7.6 | 51.6 | 117.2 | 1,5 |
| C ₈ H ₁₈ | 3-Methylheptane | -67 e | -48.1 | -23.6 | 8.5 | 52.7 | 118.5 | 1,5 |
| C ₈ H ₁₈ | 4-Methylheptane | -65 e | -47 e | -24 e | 7.8 | 51.6 | 117.2 | 5 |
| C ₈ H ₁₈ | 3-Ethylhexane | | | | 8 e | 52.1 | 118.1 | 5 |
| C ₈ H ₁₈ | 2,2-Dimethylhexane | -73 e | -55 e | -32 e | -1.5 | 41.6 | 106.4 | 5 |
| C ₈ H ₁₈ | 2,3-Dimethylhexane | | | | 5 e | 49.2 | 115.1 | 5 |
| C ₈ H ₁₈ | 2,4-Dimethylhexane | | | | 0.6 | 43.9 | 109.0 | 5 |
| C ₈ H ₁₈ | 2,5-Dimethylhexane | -71 e | -53 e | -30 e | 0.7 | 43.8 | 108.6 | 5 |
| C ₈ H ₁₈ | 3,3-Dimethylhexane | -72 e | -54 e | -30 e | 1.4 | 45.4 | 111.5 | 5 |
| C ₈ H ₁₈ | 3,4-Dimethylhexane | | | | 7 e | 50.9 | 117.3 | 5 |
| C ₈ H ₁₈ | 3-Ethyl-2-methylpentane | -69 e | -50 e | -27 e | 5 e | 48.9 | 115.2 | 5 |
| C ₈ H ₁₈ | 3-Ethyl-3-methylpentane | -70 e | -51 e | -27 e | 5 e | 50.2 | 117.8 | 5 |
| C ₈ H ₁₈ | 2,2,3-Trimethylpentane | -74 e | -56 e | -32 e | -0.8 | 43.1 | 109.4 | 5 |
| C ₈ H ₁₈ | 2,2,4-Trimethylpentane | -81.9 | -63.4 | -39.8 | -8.9 | 34.0 | 98.8 | 5 |
| C ₈ H ₁₈ | 2,3,3-Trimethylpentane | -72 e | -54 e | -30 e | 2.1 | 46.9 | 114.3 | 5 |
| C ₈ H ₁₈ | 2,3,4-Trimethylpentane | -74 e | -54.5 | -30.0 | 2.2 | 46.7 | 113.1 | 1,5 |
| C ₈ H ₁₈ | 2,2,3,3-Tetramethylbutane | -62.5 s | -44 s | -20.9 s | 8.9 s | 48.8 s | 105.8 | 5 |
| C ₈ H ₁₈ O | 1-Octanol | 12 e | 30 e | 53 e | 84 e | 128.2 | 194.8 | 1,39 |
| C ₈ H ₁₈ O | 2-Octanol | | | 40 e | 69.9 | 112.5 | 179.4 | 1,39 |
| C ₈ H ₁₈ O | 3-Octanol | 12 e | 24 e | 40 e | 64 e | 102.8 | 174.1 | 1 |
| C ₈ H ₁₈ O | 4-Octanol | | | 40 e | 66.9 | 107.3 | 176.0 | 1,39 |
| C ₈ H ₁₈ O | 4-Methyl-3-heptanol | -52 e | -28 e | 1 e | 39 e | 87.6 | 155.0 | 5 |
| C ₈ H ₁₈ O | 5-Methyl-3-heptanol | -35 e | -16 e | 8 e | 40 e | 84.8 | 153.0 | 5 |
| C ₈ H ₁₈ O | 4-Methyl-4-heptanol | -17 e | 1 e | 24 e | 55 e | 97.2 | 160.7 | 5 |
| C ₈ H ₁₈ O | 2-Ethyl-1-hexanol | | | 45 e | 75 e | 118.3 | 184.2 | 1 |
| C ₈ H ₁₈ O | 2-Ethyl-2-hexanol | -13 e | 4 e | 26 e | 55 e | 96.3 | 160.3 | 5 |
| C ₈ H ₁₈ O | 2,4,4-Trimethyl-2-pentanol | | -7 e | 13 e | 40 e | 79.8 | 146.1 | 5 |
| C ₈ H ₁₈ O | 2,2,4-Trimethyl-3-pentanol | -2 e | 9 e | 24 e | 47 e | 82.6 | 150.4 | 5 |
| C ₈ H ₁₈ O | Dibutyl ether | -55 e | -35 e | -8 e | 26 e | 73.0 | 141.2 | 5 |
| C ₈ H ₁₈ O | Di- <i>sec</i> -butyl ether | | | -19 e | 12.1 | 55.4 | 120.6 | 5 |
| C ₈ H ₁₈ O | Di- <i>tert</i> -butyl ether | | | -33 e | -2 e | 41.7 | 106.8 | 1 |
| C ₈ H ₁₈ O ₂ | Ethylene glycol monohexyl ether | -13 e | 14 e | 46 e | 86 e | 137.7 | 206.9 | 5 |
| C ₈ H ₁₈ O ₂ | 1,2-Dipropoxyethane | | | -44.2 | -2.0 | 63.6 | 179.2 | 5 |
| C ₈ H ₁₈ O ₂ | Di- <i>tert</i> -butyl peroxide | | | -26 e | 4.3 | 46.6 | 110.5 | 5 |
| C ₈ H ₁₈ O ₃ | Diethylene glycol monobutyl ether | 14 e | 37 e | 66.8 | 104.9 | 153 e | 230.4 | 5 |
| C ₈ H ₁₈ O ₃ | Diethylene glycol diethyl ether | -32 e | -7 e | 25 e | 64.9 | 117.1 | 189 e | 5 |
| C ₈ H ₁₈ O ₃ | Tetraethylene glycol | 89 e | 117 e | 151.1 | 192.2 | 242.9 | 307.3 | 5 |
| C ₈ H ₁₈ S | 1-Octanethiol | -15 e | 6 e | 34 e | 71 e | 122.1 | 198.5 | 5 |
| C ₈ H ₁₈ S | Dibutyl sulfide | -22 e | 0 e | 27 e | 63 e | 113.5 | 188.4 | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|---|---|--|-------|--------|-------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₈ H ₁₉ N | Dibutylamine | -37 e | -16 e | 10 e | 44 e | 90.8 | 159.1 | 5 |
| C ₈ H ₁₉ N | Diisobutylamine | -57 e | -36 e | -9.0 | 25.5 | 72.2 | 139.0 | 5 |
| C ₈ H ₂₀ O ₄ Si | Ethyl silicate | -77 e | -52 e | -21 e | 21.6 | 80.5 | 164.1 | 5 |
| C ₈ H ₂₀ Si | Tetraethylsilane | | | -6.5 | 30.5 | 80.6 | 152.6 | 5 |
| C ₉ F ₂₀ | Perfluorononane | | | | | 40 e | 114.7 | 5 |
| C ₉ H ₆ N ₂ O ₂ | Toluene-2,4-diisocyanate | | 39 e | 72 e | 113.9 | 169.7 | 247 e | 5 |
| C ₉ H ₇ N | Quinoline | -1.3 | 23.7 | 55.4 | 96.8 | 153.4 | 236.5 | 1,5 |
| C ₉ H ₇ N | Isoquinoline | | 30.2 | 60.7 | 101.3 | 157.9 | 242.7 | 1,5 |
| C ₉ H ₈ | Indene | | | 12 e | 53.0 | 106.8 | 181.0 | 5 |
| C ₉ H ₁₀ | <i>cis</i> -1-Propenylbenzene | -38 e | -15.4 | 13.3 | 51.4 | 103.7 | 178.4 | 5 |
| C ₉ H ₁₀ | <i>trans</i> -1-Propenylbenzene | | -16 e | 13.3 | 51.6 | 103.7 | 178.4 | 5 |
| C ₉ H ₁₀ | Isopropenylbenzene | | | 3.2 | 41.5 | 92.8 | 164.9 | 5 |
| C ₉ H ₁₀ | Indan | -33 e | -12 e | 16 e | 52 e | 102.3 | 177.5 | 1 |
| C ₉ H ₁₀ O | 2,4-Dimethylbenzaldehyde | -3 e | 23 e | 54 e | 93.2 | 144.6 | 214.5 | 5 |
| C ₉ H ₁₀ O ₂ | Ethyl benzoate | -18 e | 8 e | 39 e | 80.1 | 135.1 | 212.8 | 5 |
| C ₉ H ₁₀ O ₂ | Benzyl acetate | -11 e | 15 e | 46.6 | 86.9 | 139.5 | 211 e | 5 |
| C ₉ H ₁₁ Br | 1-Bromo-4-isopropylbenzene | -8 e | 15 e | 45 e | 84 e | 138.1 | 218.5 | 5 |
| C ₉ H ₁₁ Cl | 1-Chloro-2-isopropylbenzene | -23 e | -1 e | 27 e | 64 e | 114.6 | 190.5 | 5 |
| C ₉ H ₁₁ Cl | 1-Chloro-4-isopropylbenzene | | 3 e | 31 e | 69 e | 120.5 | 197.8 | 5 |
| C ₉ H ₁₂ | Propylbenzene | -43 e | -23 e | 4 e | 38 e | 86.7 | 158.8 | 1 |
| C ₉ H ₁₂ | Isopropylbenzene | -46 e | -26 e | -1 e | 33 e | 80.9 | 152.0 | 1 |
| C ₉ H ₁₂ | <i>o</i> -Ethyltoluene | -40 e | -19 e | 8 e | 43 e | 92.1 | 164.7 | 5 |
| C ₉ H ₁₂ | <i>m</i> -Ethyltoluene | -42 e | -21 e | 5 e | 40.4 | 88.9 | 160.8 | 5 |
| C ₉ H ₁₂ | <i>p</i> -Ethyltoluene | -41 e | -21 e | 6 e | 41 e | 89.2 | 161.5 | 5 |
| C ₉ H ₁₂ | 1,2,3-Trimethylbenzene | | -12 e | 15 e | 52 e | 101.5 | 175.6 | 1 |
| C ₉ H ₁₂ | 1,2,4-Trimethylbenzene | -37 e | -16 e | 11 e | 47 e | 95.9 | 168.9 | 1 |
| C ₉ H ₁₂ | 1,3,5-Trimethylbenzene | -39 e | -18 e | 9 e | 43.7 | 92.4 | 164.3 | 1 |
| C ₉ H ₁₂ O | Benzyl ethyl ether | | -10 e | 20.4 | 59.3 | 111.3 | 184.5 | 5 |
| C ₉ H ₁₂ O | Phenyl propyl ether | | -10 e | 21 e | 61 e | 113.9 | 189.3 | 5 |
| C ₉ H ₁₂ O | Phenyl isopropyl ether | -20 e | -1 e | 23 e | 56 e | 103.7 | 176.9 | 5 |
| C ₉ H ₁₃ N | 2,4,6-Trimethylaniline | 12 e | 36 e | 66 e | 104.1 | 154.9 | 226 e | 5 |
| C ₉ H ₁₃ N | <i>N,N</i> -Dimethyl- <i>o</i> -toluidine | -25 e | -3 e | 24.4 | 60.6 | 110.7 | 184.5 | 5 |
| C ₉ H ₁₃ N | Amphetamine | | | 33 e | 70.1 | 118 e | 202.0 | 5 |
| C ₉ H ₁₄ O | Isophorone | | 1 e | 33.1 | 75.1 | 132.4 | 215.1 | 5 |
| C ₉ H ₁₄ O ₆ | Triacetin | 37.6 | 62 e | 90 e | 124 e | 165 e | 214 e | 5 |
| C ₉ H ₁₆ O ₄ | Diethyl glutarate | -1 e | 26 e | 60.2 | 103.3 | 159.6 | 236.5 | 5 |
| C ₉ H ₁₇ N | Nonanenitrile | -3 e | 21 e | 50.9 | 90.7 | 145.4 | 225.1 | 5 |
| C ₉ H ₁₈ | 1-Nonene | -50.1 | -29.4 | -3.3 | 30.4 | 77.1 | 146.4 | 1,5 |
| C ₉ H ₁₈ | 2-Methyl-1-octene | -53 e | -34 e | -9 e | 25 e | 72 e | 144.1 | 5 |
| C ₉ H ₁₈ | Butylcyclopentane | -45 e | -24 e | 1 e | 36 e | 84 e | 156.1 | 5 |
| C ₉ H ₁₈ | Propylcyclohexane | -46 e | -26 e | 0 e | 35.1 | 83.6 | 156.2 | 5 |
| C ₉ H ₁₈ | Isopropylcyclohexane | -48 e | -28 e | -2 e | 33 e | 81.3 | 154.0 | 5 |
| C ₉ H ₁₈ | <i>trans</i> -1-Ethyl-4-methylcyclohexane | -53 e | -33 e | -8 e | 25 e | 71.8 | 141.5 | 5 |
| C ₉ H ₁₈ | 1,1,2-Trimethylcyclohexane | | | -12 e | 23 e | 71.5 | 145.5 | 5 |
| C ₉ H ₁₈ | 1,1,3-Trimethylcyclohexane | -60 e | -41 e | -16 e | 18 e | 65.2 | 136.1 | 5 |
| C ₉ H ₁₈ | 1',2a,4a-1,2,4-Trimethylcyclohexane | -71 e | -50 e | -22 e | 15 e | 65.7 | 140.7 | 5 |
| C ₉ H ₁₈ | 1',3',5'-1,3,5-Trimethylcyclohexane | -72 e | -50 e | -22 e | 14 e | 65.1 | 140.0 | 5 |
| C ₉ H ₁₈ | Isobutylcyclopentane | -105 e | -88 e | -64 e | -28 e | 31 e | 147.0 | 5 |
| C ₉ H ₁₈ | <i>cis</i> -1-Methyl-2-propylcyclopentane | -52 e | -33 e | -7 e | 28 e | 77 e | 152.0 | 5 |
| C ₉ H ₁₈ | <i>trans</i> -1-Methyl-2-propylcyclopentane | -56 e | -36 e | -11 e | 23 e | 72 e | 145.8 | 5 |
| C ₉ H ₁₈ | 1,1,3,3-Tetramethylcyclopentane | -72 e | -54 e | -30 e | 2 e | 47 e | 117.4 | 5 |
| C ₉ H ₁₈ O | Nonanal | | -3 e | 27.4 | 65.5 | 115.6 | 184.6 | 5 |
| C ₉ H ₁₈ O | 2-Nonanone | | 8 e | 35 e | 71 e | 121.0 | 194.0 | 5 |
| C ₉ H ₁₈ O | 5-Nonanone | | | -1 e | 39.1 | 94 e | 188 e | 5 |
| C ₉ H ₁₈ O | 2,6-Dimethyl-4-heptanone | -32 e | -12 e | 14 e | 48 e | 96.2 | 167.7 | 5 |
| C ₉ H ₁₈ O ₂ | Nonanoic acid | 48 e | 69 e | 97 e | 133 e | 182.7 | 255.1 | 5 |
| C ₉ H ₁₈ O ₂ | Heptyl acetate | -16 e | 6 e | 34 e | 70 e | 119.9 | 191.9 | 5 |
| C ₉ H ₁₈ O ₂ | Isopentyl butanoate | | | | 55 e | 105.6 | 178.4 | 5 |
| C ₉ H ₁₈ O ₂ | Isobutyl 3-methylbutanoate | | | 11.3 | 48.3 | 97.9 | 168.3 | 5 |
| C ₉ H ₁₈ O ₂ | Propyl hexanoate | -26 e | -2 e | 28 e | 65.1 | 113.4 | 178 e | 5 |
| C ₉ H ₁₈ O ₂ | Methyl octanoate | -26 e | -9 e | 13 e | 40 e | 76 e | 127.9 | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|--|--------------------------------|--|--------|---------|---------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₉ H ₁₉ Cl | 1-Chlorononane | -11 e | 11 e | 39 e | 76 e | 127.8 | 204.7 | 5 |
| C ₉ H ₂₀ | Nonane | -46.8 | -26.0 | 0.0 | 34.0 | 80.8 | 150.3 | 16 |
| C ₉ H ₂₀ | 2-Methyloctane | -49 e | -30 e | -5 e | 28 e | 73.9 | 142.8 | 5 |
| C ₉ H ₂₀ | 3-Methyloctane | -49 e | -29 e | -5 e | 29 e | 74.7 | 143.7 | 5 |
| C ₉ H ₂₀ | 4-Methyloctane | -50 e | -30 e | -6 e | 27 e | 73.2 | 141.9 | 5 |
| C ₉ H ₂₀ | 2,2-Dimethylheptane | -58 e | -39 e | -15 e | 18 e | 63.6 | 132.3 | 5 |
| C ₉ H ₂₀ | 2,3-Dimethylheptane | -53 e | -33 e | -9 e | 25 e | 70.8 | 140.0 | 5 |
| C ₉ H ₂₀ | 2,6-Dimethylheptane | -55 e | -36 e | -12 e | 21 e | 66.4 | 134.7 | 5 |
| C ₉ H ₂₀ | 3-Ethyl-4-methylhexane | | | -9 e | 24 e | 70.6 | 139.9 | 5 |
| C ₉ H ₂₀ | 2,2,4-Trimethylhexane | -66.1 | -46.4 | -21.3 | 11.8 | 57.7 | 126.0 | 5 |
| C ₉ H ₂₀ | 2,2,5-Trimethylhexane | -65.1 | -45.8 | -21.2 | 11.2 | 56.2 | 123.7 | 1,5 |
| C ₉ H ₂₀ | 2,3,3-Trimethylhexane | -58 e | -38 e | -13 e | 20 e | 66.7 | 137.2 | 5 |
| C ₉ H ₂₀ | 2,3,5-Trimethylhexane | -60 e | -41 e | -16 e | 17 e | 62.3 | 130.9 | 5 |
| C ₉ H ₂₀ | 2,4,4-Trimethylhexane | -62 e | -43 e | -18 e | 15 e | 61.0 | 130.2 | 5 |
| C ₉ H ₂₀ | 3,3,4-Trimethylhexane | -53 e | -33 e | -7 e | 28 e | 76.3 | 148.9 | 5 |
| C ₉ H ₂₀ | 3,3-Diethylpentane | | | -9 e | 26 e | 73.7 | 145.7 | 1 |
| C ₉ H ₂₀ | 3-Ethyl-2,4-dimethylpentane | -58 e | -38 e | -13 e | 20 e | 66.7 | 136.2 | 5 |
| C ₉ H ₂₀ | 2,2,3,3-Tetramethylpentane | | | | 21 e | 68.5 | 139.8 | 1 |
| C ₉ H ₂₀ | 2,2,3,4-Tetramethylpentane | -61 e | -42 e | -17 e | 16 e | 62.5 | 132.6 | 1 |
| C ₉ H ₂₀ | 2,2,4,4-Tetramethylpentane | | -49 e | -25 e | 8 e | 53.2 | 121.8 | 1 |
| C ₉ H ₂₀ | 2,3,3,4-Tetramethylpentane | -57 e | -37 e | -12 e | 22 e | 69.7 | 141.1 | 1 |
| C ₉ H ₂₀ O | 1-Nonanol | | 40 e | 64 e | 96.9 | 141.0 | 213.0 | 5,39 |
| C ₉ H ₂₀ O | 3-Nonanol | | 24 e | 47 e | 78 e | 123.0 | 194.2 | 5 |
| C ₉ H ₂₀ O | 4-Nonanol | | | 45 e | 76.4 | 121.3 | 192.0 | 5 |
| C ₉ H ₂₀ O | 5-Nonanol | 13 e | 31 e | 54 e | 84.5 | 128.1 | 194.7 | 5 |
| C ₉ H ₂₀ O | 2,2,4,4-Tetramethyl-3-pentanol | | | | 58 | 100 | 167 | 5 |
| C ₉ H ₂₀ S | 1-Nonanethiol | -2 e | 21 e | 49 e | 87 e | 140.4 | 219.2 | 5 |
| C ₉ H ₂₁ BO ₃ | Triisopropyl borate | | | | | 73.1 | 139.0 | 5 |
| C ₉ H ₂₁ N | Nonylamine | | 9 e | 37 e | 75 e | 126.2 | 202.1 | 5 |
| C ₉ H ₂₁ N | Tripropylamine | -39 e | -18 e | 8 e | 42 e | 88.2 | 156.0 | 5 |
| C ₁₀ F ₈ | Perfluoronaphthalene | 5.2 s | 25.1 s | 48.1 s | | | | 5 |
| C ₁₀ F ₂₂ | Perfluorodecane | | | | | 52 e | 132.9 | 5 |
| C ₁₀ H ₇ Br | 1-Bromonaphthalene | 17 e | 45 e | 80.3 | 126.7 | 189.8 | 280.5 | 5 |
| C ₁₀ H ₇ Cl | 1-Chloronaphthalene | 14 e | 39 e | 70.5 | 112.8 | 171.6 | 258.6 | 5 |
| C ₁₀ H ₈ | Naphthalene** | 3.2 s | 24.1 s | 49.3 s | 80.7 | 135.6 | 217.5 | 1,5 |
| C ₁₀ H ₈ | Azulene | 24.1 s | 46 s | 71.5 s | 103.3 | 162.6 | 244.0 | 5 |
| C ₁₀ H ₈ O | 1-Naphthol | | | | 137.2 | 196.7 | 281.8 | 5 |
| C ₁₀ H ₈ O | 2-Naphthol | | | | 140.7 | 200.5 | 286.8 | 5 |
| C ₁₀ H ₉ N | 1-Naphthalenamine | | 62 e | 99.0 | 146.9 | 210.7 | 300.1 | 5 |
| C ₁₀ H ₉ N | 2-Naphthalenamine | 36.3 s | 65.9 s | 103 s | 150.9 | 215.1 | 305.5 | 5 |
| C ₁₀ H ₉ N | 2-Methylquinoline | 5.3 | 31.9 | 63.8 | 102.9 | 165.8 | 247.2 | 5 |
| C ₁₀ H ₉ N | 4-Methylquinoline | 29 e | 54 e | 85 e | 127 e | 183.0 | 265.1 | 5 |
| C ₁₀ H ₉ N | 6-Methylquinoline | 27 e | 51 e | 81 e | 122 e | 179.2 | 264.5 | 5 |
| C ₁₀ H ₉ N | 8-Methylquinoline | 15 e | 40 e | 70 e | 111 e | 166.1 | 247.3 | 5 |
| C ₁₀ H ₁₀ | <i>m</i> -Divinylbenzene | -29 e | -4 e | 27.1 | 67.6 | 122.1 | 199 e | 5 |
| C ₁₀ H ₁₀ O ₄ | Dimethyl phthalate | 27 e | 56 e | 92.7 | 137.8 | 195.8 | 272.7 | 5 |
| C ₁₀ H ₁₀ O ₄ | Dimethyl isophthalate | | | 85 e | 129.5 | 189.2 | 273 e | 5 |
| C ₁₀ H ₁₀ O ₄ | Dimethyl terephthalate | 56.6 s | 79.4 s | 106.1 s | 137.9 s | 197.9 | 282 e | 5 |
| C ₁₀ H ₁₂ | 1,2,3,4-Tetrahydronaphthalene | -21 e | 3 e | 33.2 | 74.1 | 127.4 | 207.8 | 5 |
| C ₁₀ H ₁₂ | 2-Ethylstyrene | -31 e | -8 e | 21 e | 60 e | 111.7 | 187 e | 5 |
| C ₁₀ H ₁₂ | 3-Ethylstyrene | -28 e | -5.3 | 24.1 | 62.6 | 116 e | 193 e | 5 |
| C ₁₀ H ₁₂ | 4-Ethylstyrene | -31 e | -8.2 | 21.3 | 60.5 | 115 e | 196 e | 5 |
| C ₁₀ H ₁₂ O | Estragole | | | 48.5 | 88.0 | 140.7 | 214.6 | 5 |
| C ₁₀ H ₁₂ O | 4-Isopropylbenzaldehyde | | | 54.1 | 96.0 | 152.2 | 231.5 | 5 |
| C ₁₀ H ₁₂ O ₂ | 4-Allyl-2-methoxyphenol | 9 e | 37 e | 72 e | 115.9 | 173.8 | 252.9 | 5 |
| C ₁₀ H ₁₂ O ₂ | 2-Phenylethyl acetate | -4 e | 22 e | 54 e | 96 e | 152.3 | 232.0 | 5 |
| C ₁₀ H ₁₂ O ₂ | Propyl benzoate | -8 e | 18 e | 50.2 | 92.3 | 149.2 | 230.5 | 5 |
| C ₁₀ H ₁₂ O ₂ | Ethyl phenylacetate | -9 e | 19 e | 52 e | 95 e | 150.2 | 225 e | 5 |
| C ₁₀ H ₁₂ O ₂ | Isoeugenol | | | | 125 e | 185.3 | 267.1 | 5 |
| C ₁₀ H ₁₄ | Butylbenzene | -28 e | -7 e | 21 e | 56.9 | 107.6 | 182.8 | 1,5 |
| C ₁₀ H ₁₄ | <i>sec</i> -Butylbenzene | -35 e | -14 e | 13 e | 48 e | 98.3 | 172.8 | 5 |
| C ₁₀ H ₁₄ | <i>tert</i> -Butylbenzene | -37 e | -16 e | 10 e | 46 e | 94.9 | 168.6 | 5 |
| C ₁₀ H ₁₄ | Isobutylbenzene | -36 e | -15 e | 12 e | 47.9 | 97.8 | 172.3 | 5 |
| C ₁₀ H ₁₄ | <i>o</i> -Cymene | -39 e | -16 e | 13 e | 51 e | 103.1 | 177.8 | 5 |
| C ₁₀ H ₁₄ | <i>m</i> -Cymene | -34 e | -13 e | 14 e | 50 e | 99.9 | 174.6 | 5 |
| C ₁₀ H ₁₄ | <i>p</i> -Cymene | -33 e | -12 e | 16 e | 52 e | 102.2 | 176.6 | 5 |
| C ₁₀ H ₁₄ | <i>o</i> -Diethylbenzene | -28 e | -6 e | 21 e | 58 e | 107.9 | 182.9 | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|--|---|--|--------|--------|--------|---------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₁₀ H ₁₄ | <i>m</i> -Diethylbenzene | -28 e | -7 e | 20 e | 56 e | 106.2 | 180.6 | 5 |
| C ₁₀ H ₁₄ | <i>p</i> -Diethylbenzene | -28 e | -6 e | 21 e | 57 e | 108.1 | 183.3 | 5 |
| C ₁₀ H ₁₄ | 3-Ethyl-1,2-dimethylbenzene | -22 e | 0 e | 28 e | 66 e | 117.2 | 193.4 | 5 |
| C ₁₀ H ₁₄ | 4-Ethyl-1,2-dimethylbenzene | -24 e | -2 e | 26 e | 63 e | 113.6 | 189.2 | 5 |
| C ₁₀ H ₁₄ | 2-Ethyl-1,3-dimethylbenzene | | -2 e | 26 e | 63 e | 113.7 | 189.5 | 5 |
| C ₁₀ H ₁₄ | 2-Ethyl-1,4-dimethylbenzene | -27 e | -5 e | 23 e | 60 e | 110.6 | 186.4 | 5 |
| C ₁₀ H ₁₄ | 1-Ethyl-2,4-dimethylbenzene | -25 e | -4 e | 24 e | 61 e | 112.2 | 187.9 | 5 |
| C ₁₀ H ₁₄ | 1-Ethyl-3,5-dimethylbenzene | -28 e | -6 e | 21 e | 58 e | 108.3 | 183.2 | 5 |
| C ₁₀ H ₁₄ | 1-Methyl-2-propylbenzene | -27 e | -6 e | 22 e | 58.2 | 108.9 | 184.3 | 5 |
| C ₁₀ H ₁₄ | 1-Methyl-3-propylbenzene | -29 e | -8 e | 20 e | 56.1 | 106.5 | 181.3 | 5 |
| C ₁₀ H ₁₄ | 1-Methyl-4-propylbenzene | -29 e | -7 e | 20 e | 56.6 | 107.4 | 182.8 | 5 |
| C ₁₀ H ₁₄ | 1,2,3,4-Tetramethylbenzene | | 7 e | 36 e | 74 e | 126.6 | 204.5 | 5 |
| C ₁₀ H ₁₄ | 1,2,3,5-Tetramethylbenzene | -19 e | 3 e | 32 e | 69 e | 120.9 | 197.5 | 5 |
| C ₁₀ H ₁₄ | 1,2,4,5-Tetramethylbenzene | | | | | 119.9 | 196.3 | 5 |
| C ₁₀ H ₁₄ O | 2-Butylphenol | 7 e | 31 e | 61 e | 101 e | 155.2 | 234.4 | 5 |
| C ₁₀ H ₁₄ O | Butyl phenyl ether | -16 e | 8 e | 38 e | 77 e | 131.3 | 209.7 | 5 |
| C ₁₀ H ₁₄ O | Thymol | 18.9 s | 37.9 s | 59.5 | 101.2 | 155.0 | 230.4 | 5 |
| C ₁₀ H ₁₅ N | 2-Methyl-5-isopropylaniline | 19 e | 43 e | 72 e | 107.4 | 150 e | 204 e | 5 |
| C ₁₀ H ₁₅ N | <i>N</i> -Butylaniline | 11 e | 35 e | 66 e | 106 e | 160.9 | 241.0 | 5 |
| C ₁₀ H ₁₅ N | <i>N,N</i> -Diethylaniline | -11 e | 14 e | 44.3 | 84.2 | 138.4 | 216.3 | 5 |
| C ₁₀ H ₁₆ | Dipentene | -42 e | -19 e | 10.6 | 48.7 | 100.2 | 173.9 | 5 |
| C ₁₀ H ₁₆ | <i>d</i> -Limonene | -45 e | -21 e | 9.1 | 48.0 | 100.4 | 174.5 | 5 |
| C ₁₀ H ₁₆ | <i>l</i> -Limonene | -33 e | -12 e | 16 e | 52.0 | 102.3 | 177.0 | 21 |
| C ₁₀ H ₁₆ | β -Myrcene | | | 9.4 | 47.3 | 98.3 | 171.0 | 5 |
| C ₁₀ H ₁₆ | α -Pinene | -48 e | -27 e | -1 e | 33.6 | 82.2 | 155.1 | 21 |
| C ₁₀ H ₁₆ | β -Pinene | -43 e | -22 e | 5.0 | 40.6 | 90.5 | 165.5 | 21 |
| C ₁₀ H ₁₆ | Camphene | | | | | 90.7 | 160.1 | 4 |
| C ₁₀ H ₁₆ | Terpinolene | | | 26.5 | 64.9 | 115.4 | 184.6 | 5 |
| C ₁₀ H ₁₆ | β -Phellandrene | | | 16 e | 53.2 | 104 e | 171.0 | 5 |
| C ₁₀ H ₁₆ O | (+)-Camphor | -15.8 s | 10 s | 41.5 s | 80.8 s | 131.4 s | 207.6 | 5 |
| C ₁₀ H ₁₆ O | Pulegone | 37 e | 49.1 | 66.4 | 92.2 | 135.1 | 220.2 | 5 |
| C ₁₀ H ₁₈ | 1-Decyne | -34 e | -13 e | 14 e | 51 e | 100.3 | 173.5 | 5 |
| C ₁₀ H ₁₈ | <i>cis</i> -Decahydronaphthalene | -26 e | -4 e | 24 e | 62.4 | 115.5 | 195.3 | 1 |
| C ₁₀ H ₁₈ | <i>trans</i> -Decahydronaphthalene | | -10 e | 18 e | 55.3 | 107.9 | 186.8 | 1 |
| C ₁₀ H ₁₈ O | α -Terpineol | | | 48 | 89 | 142 | 217 | 4 |
| C ₁₀ H ₁₈ O | Eucalyptol | | | 10.6 | 48.5 | 100.3 | 175.4 | 5 |
| C ₁₀ H ₁₈ O | <i>trans</i> -Geraniol | 4 e | 31 e | 63.2 | 104.3 | 157.7 | 229.6 | 5 |
| C ₁₀ H ₁₈ O ₄ | Sebacic acid | 125.9 s | | | | | | 5 |
| C ₁₀ H ₁₈ O ₄ | Dipropyl succinate | 11 e | 38 e | 72.1 | 115.4 | 172.3 | 250.4 | 5 |
| C ₁₀ H ₁₈ O ₄ | Diethyl adipate | 4 e | 35 e | 72 e | 116.6 | 171.2 | 239.5 | 5 |
| C ₁₀ H ₁₉ N | Decanenitrile | 13 e | 36 e | 66 e | 105.8 | 160.6 | 241.6 | 5 |
| C ₁₀ H ₂₀ | 1-Decene | -35.5 | -13.7 | 13.7 | 49.0 | 97.9 | 170.1 | 1,5 |
| C ₁₀ H ₂₀ | Cyclodecane | | | 29 e | 68 e | 121.3 | 201.8 | 1 |
| C ₁₀ H ₂₀ | Butylcyclohexane | -31 e | -9 e | 18 e | 54 e | 104.7 | 180.4 | 5 |
| C ₁₀ H ₂₀ | Isobutylcyclohexane | -37 e | -16 e | 10 e | 46 e | 95.9 | 170.8 | 5 |
| C ₁₀ H ₂₀ | <i>tert</i> -Butylcyclohexane | -39 e | -18 e | 9 e | 45 e | 95.3 | 171.1 | 5 |
| C ₁₀ H ₂₀ O | Decanal | | 16 e | 47.2 | 86.3 | 137.7 | 208.0 | 5 |
| C ₁₀ H ₂₀ O ₂ | Decanoic acid | 58 e | 80 e | 108 e | 145 e | 195.2 | 269.5 | 5 |
| C ₁₀ H ₂₀ O ₂ | Octyl acetate | -26 e | -3 e | 27 e | 66.3 | 120.0 | 198.2 | 5 |
| C ₁₀ H ₂₀ O ₂ | 2-Ethylhexyl acetate | -11 e | 5 e | 26 e | 57.6 | 107.1 | 197.2 | 5 |
| C ₁₀ H ₂₀ O ₂ | Isopentyl isopentanoate | | | 22 e | 62.8 | 116.9 | 193.6 | 5 |
| C ₁₀ H ₂₀ O ₂ | Ethyl octanoate | -17 e | 9 e | 41 e | 81.4 | 133.2 | 203 e | 5 |
| C ₁₀ H ₂₀ O ₄ | Diethylene glycol monobutyl ether acetate | 6 e | 34 e | 69 e | 112.6 | 169.2 | 245.4 | 5 |
| C ₁₀ H ₂₁ Br | 1-Bromodecane | 9 e | 33 e | 63 e | 104 e | 159.2 | 240.0 | 5 |
| C ₁₀ H ₂₁ Cl | 1-Chlorodecane | 2 e | 25 e | 54 e | 92 e | 145.7 | 225.3 | 5 |
| C ₁₀ H ₂₁ F | 1-Fluorodecane | -22 e | 0 e | 27 e | 64 e | 113.3 | 185.7 | 5 |
| C ₁₀ H ₂₂ | Decane | | -10.6 | 16.7 | 52.3 | 101.1 | 173.7 | 16 |
| C ₁₀ H ₂₂ | 2-Methylnonane | -34 e | -14 e | 12 e | 47 e | 94.8 | 166.5 | 5 |
| C ₁₀ H ₂₂ | 3-Methylnonane | -34 e | -14 e | 12 e | 47 e | 95.1 | 167.3 | 5 |
| C ₁₀ H ₂₂ | 4-Methylnonane | -36 e | -16 e | 10 e | 45 e | 93.1 | 165.2 | 5 |
| C ₁₀ H ₂₂ | 5-Methylnonane | -36 e | -16 e | 10 e | 45 e | 92.6 | 164.6 | 5 |
| C ₁₀ H ₂₂ | 2,4-Dimethyloctane | | | | 38 e | 84.9 | 155.4 | 5 |
| C ₁₀ H ₂₂ | 2,7-Dimethyloctane | -39 e | -19 e | 7 e | 41 e | 88.4 | 159.4 | 5 |
| C ₁₀ H ₂₂ | 2,2,6-Trimethylheptane | -46 e | -27 e | -2 e | 32 e | 78.5 | 148.4 | 5 |
| C ₁₀ H ₂₂ | 3,3,5-Trimethylheptane | | | 0 e | 35 e | 82.7 | 155.2 | 5 |
| C ₁₀ H ₂₂ | 2,2,3,3-Tetramethylhexane | -46 e | -25 e | 1 e | 36 e | 85.6 | 159.8 | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|--|--|--|--------|--------|-------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₁₀ H ₂₂ | 2,2,5,5-Tetramethylhexane | | | -10 e | 22 e | 68.3 | 137.0 | 5 |
| C ₁₀ H ₂₂ | 2,4-Dimethyl-3-isopropylpentane | -46 e | | 0 e | 35 e | 83.2 | 156.5 | 5 |
| C ₁₀ H ₂₂ | 2,2,3,3,4-Pentamethylpentane | | -24 e | 3 e | 39 e | 89.1 | 165.5 | 5 |
| C ₁₀ H ₂₂ | 2,2,3,4,4-Pentamethylpentane | | -29 e | -3 e | 33 e | 82.8 | 158.7 | 5 |
| C ₁₀ H ₂₂ O | 1-Decanol | 30 e | 50 e | 75 e | 109 e | 157.3 | 230.6 | 1,39 |
| C ₁₀ H ₂₂ O | 4-Decanol | 18 e | 37 e | 61 e | 93 e | 139 e | 210 e | 5 |
| C ₁₀ H ₂₂ O | Dipentyl ether | -31 e | -8 e | 22 e | 60 e | 111.6 | 186.2 | 5 |
| C ₁₀ H ₂₂ O | Diisopentyl ether | | | 14.0 | 51.5 | 101.8 | 172.8 | 5 |
| C ₁₀ H ₂₂ O ₂ | Ethylene glycol dibutyl ether | 0 e | 20 e | 44 e | 78.4 | 127.1 | 202.9 | 5 |
| C ₁₀ H ₂₂ O ₅ | Tetraethylene glycol dimethyl ether | | | | 138 e | 200.9 | 275.3 | 5 |
| C ₁₀ H ₂₂ S | 1-Decanethiol | 11 e | 34 e | 64 e | 103 e | 157.5 | 238.6 | 5 |
| C ₁₀ H ₂₂ S | Diisopentylsulfide | | | 7 e | 82 e | 118 e | 139 e | 5 |
| C ₁₀ H ₂₃ N | Dipentylamine | | | | 77 e | 127.7 | 202.0 | 5 |
| C ₁₀ H ₃₀ O ₃ Si ₄ | Decamethyltetrasiloxane | -31 e | -6 e | 26 e | 66.8 | 118.8 | 193.9 | 5 |
| C ₁₀ H ₃₀ O ₅ Si ₅ | Decamethylcyclopentasiloxane | -2 e | 19 e | 46 e | 82 e | 132.9 | 210.4 | 5 |
| C ₁₁ H ₈ O ₂ | 1-Naphthalenecarboxylic acid | | | | 191.9 | 239.3 | 299.6 | 5 |
| C ₁₁ H ₈ O ₂ | 2-Naphthalenecarboxylic acid | | | | 197.9 | 246.0 | 308.1 | 5 |
| C ₁₁ H ₁₀ | 1-Methylnaphthalene | 5 e | 29 e | 60 e | 102 e | 159.1 | 244.1 | 1 |
| C ₁₁ H ₁₀ | 2-Methylnaphthalene | | | 57 e | 99 e | 156.0 | 240.5 | 1 |
| C ₁₁ H ₁₂ O ₂ | Ethyl <i>trans</i> -cinnamate | | | 79 | 125 | 187 | 271 | 4 |
| C ₁₁ H ₁₂ O ₃ | Myristicin | 23 e | 53 e | 88.9 | 135.2 | 196.0 | 279.4 | 5 |
| C ₁₁ H ₁₄ | 4-Isopropylstyrene | -25 e | -1 e | 30.2 | 70.3 | 124.5 | 202.1 | 5 |
| C ₁₁ H ₁₄ | 1,2,3,4-Tetrahydro-5-methylnaphthalene | 9 e | 31 e | 60 e | 99 e | 153.1 | 233.8 | 5 |
| C ₁₁ H ₁₄ | 1,2,3,4-Tetrahydro-6-methylnaphthalene | 17 e | 36 e | 62 e | 97 e | 147.8 | 228.5 | 5 |
| C ₁₁ H ₁₄ O ₂ | Butyl benzoate | 6 e | 34 e | 67.9 | 110.3 | 165 e | 237 e | 5 |
| C ₁₁ H ₁₆ | Pentylbenzene | -14 e | 8 e | 37 e | 74 e | 126.7 | 204.9 | 5 |
| C ₁₁ H ₁₆ | <i>p-tert</i> -Butyltoluene | -24 e | -2 e | 27 e | 64.1 | 115.5 | 190.8 | 5 |
| C ₁₁ H ₁₆ | 1,3-Diethyl-5-methylbenzene | -26 e | -1 e | 29.5 | 69.5 | 123.5 | 200.2 | 5 |
| C ₁₁ H ₁₆ | 2-Ethyl-1,3,5-trimethylbenzene | | 6 e | 36 e | 75.7 | 129.6 | 207.6 | 5 |
| C ₁₁ H ₁₆ | 1-Ethyl-2,4,5-trimethylbenzene | -13 e | 11 e | 40 e | 79.4 | 132.1 | 207.7 | 5 |
| C ₁₁ H ₂₀ | 1-Undecyne | -22 e | 0 e | 29 e | 67 e | 118.5 | 194.5 | 5 |
| C ₁₁ H ₂₀ | 2-Undecyne | -17 e | 6 e | 35 e | 74 e | 127.4 | 205.4 | 5 |
| C ₁₁ H ₂₀ O ₂ | 10-Undecenoic acid | 35 e | 67 e | 105 e | 150.0 | 205.4 | 274.5 | 5 |
| C ₁₁ H ₂₀ O ₄ | Ethyl diethylmalonate | | | 74 e | 105 e | 149.4 | 219 e | 5 |
| C ₁₁ H ₂₁ N | Undecanenitrile | | | 78.6 | 120.3 | 177.3 | 259.9 | 5 |
| C ₁₁ H ₂₂ | 1-Undecene | -21.6 | 1.2 | 29.7 | 66.4 | 117.1 | 192.2 | 5 |
| C ₁₁ H ₂₂ | <i>cis</i> -2-Undecene | -14 e | 7 e | 34 e | 70.2 | 120.6 | 196 e | 5 |
| C ₁₁ H ₂₂ | <i>trans</i> -2-Undecene | -14 e | 7 e | 33 e | 69.3 | 119.6 | 195 e | 5 |
| C ₁₁ H ₂₂ | <i>cis</i> -4-Undecene | -19 e | 3 e | 30 e | 66.6 | 117.1 | 192 e | 5 |
| C ₁₁ H ₂₂ | <i>trans</i> -4-Undecene | -17 e | 4 e | 31 e | 67.1 | 117.4 | 193 e | 5 |
| C ₁₁ H ₂₂ | <i>cis</i> -5-Undecene | -19 e | 2 e | 30 e | 66.2 | 116.7 | 191 e | 5 |
| C ₁₁ H ₂₂ | <i>trans</i> -5-Undecene | -18 e | 3 e | 31 e | 67.0 | 117.4 | 192 e | 5 |
| C ₁₁ H ₂₂ | Pentylcyclohexane | -17 e | 6 e | 34 e | 72 e | 124.2 | 202.7 | 5 |
| C ₁₁ H ₂₂ | Hexylcyclopentane | -15 e | 7 e | 36 e | 73 e | 125.0 | 202.5 | 5 |
| C ₁₁ H ₂₂ O | 2-Undecanone | 17 e | 37 e | 64.3 | 103.0 | 153.6 | 232.6 | 1,5 |
| C ₁₁ H ₂₂ O | 6-Undecanone | | 28 e | 57 e | 95 e | 148.4 | 226.9 | 1 |
| C ₁₁ H ₂₂ O ₂ | Undecanoic acid | 68 e | 90 e | 118 e | 156 e | 207.2 | 283.6 | 5 |
| C ₁₁ H ₂₂ O ₂ | Heptyl butanoate | 2 e | 29 e | 62 e | 102.6 | 155.1 | 224.7 | 5 |
| C ₁₁ H ₂₂ O ₂ | Propyl octanoate | -2 e | 23 e | 55 e | 94.0 | 145.2 | 215 e | 5 |
| C ₁₁ H ₂₂ O ₂ | Methyl decanoate | 10 e | 33 e | 62 e | 100.9 | 154.0 | 232 e | 5 |
| C ₁₁ H ₂₄ | Undecane | -18.4 | 4.3 | 32.6 | 69.5 | 120.2 | 195.4 | 16 |
| C ₁₁ H ₂₄ | 2-Methyldecane | -20 e | 1 e | 28 e | 64 e | 114.0 | 188.7 | 5 |
| C ₁₁ H ₂₄ | 3-Methyldecane | -35 e | -10 e | 22 e | 61.9 | 115.6 | 190.4 | 5 |
| C ₁₁ H ₂₄ | 4-Methyldecane | -38 e | -12 e | 20 e | 60.8 | 113.9 | 186.4 | 5 |
| C ₁₁ H ₂₄ | 2,4,7-Trimethyloctane | | | | 43 e | 94 e | 170.4 | 5 |
| C ₁₁ H ₂₄ O | 1-Undecanol | 52.2 | 80.0 | 82 e | 118 e | 167.6 | 244.1 | 5 |
| C ₁₁ H ₂₄ S | 1-Undecanethiol | 23 e | 47 e | 77 e | 118 e | 173.6 | 256.8 | 5 |
| C ₁₂ F ₂₇ N | Trinonafluorobutylamine | | 3 e | 29.0 | 63.3 | 109.9 | 176.8 | 5 |
| C ₁₂ H ₈ | Acenaphthylene | 24 s | 49.8 s | 80.6 s | | | | 5 |
| C ₁₂ H ₉ N | Carbazole | | | | | 254.7 | 354.0 | 5 |
| C ₁₂ H ₁₀ | Acenaphthene | | | | 126.2 | 187 e | 276 e | 1 |
| C ₁₂ H ₁₀ | Biphenyl | | | 69.0 | 111.1 | 169.5 | 254.7 | 1 |
| C ₁₂ H ₁₀ N ₂ | Azobenzene | | | 98.1 | 144.8 | 206.7 | 292.7 | 4 |
| C ₁₂ H ₁₀ O | Diphenyl ether | | 44 e | 75 e | 116 e | 173 e | 257.4 | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|--|---------------------------------------|--|---------|---------|---------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₁₂ H ₁₀ O | 1-Acetonaphthone | 37 e | 69 e | 107.0 | 154.6 | 215.2 | 294.9 | 5 |
| C ₁₂ H ₁₀ O | 2-Acetonaphthone | 48.3 s | | 118.7 | 163.0 | 221.1 | 300.3 | 5 |
| C ₁₂ H ₁₀ S | Diphenyl sulfide | 20 e | 51 e | 88.7 | 137.5 | 202.2 | 291.8 | 5 |
| C ₁₂ H ₁₁ N | Diphenylamine | 48 s | | 102.8 | 150.5 | 213.7 | 301.4 | 5 |
| C ₁₂ H ₁₂ | 1-Ethyl-naphthalene | 16 e | 41 e | 72 e | 114 e | 171.8 | 257.7 | 5 |
| C ₁₂ H ₁₂ | 2-Ethyl-naphthalene | 14 e | 39 e | 71 e | 113 e | 171.2 | 257.3 | 5 |
| C ₁₂ H ₁₂ | 1,2-Dimethylnaphthalene | 26 e | 51 e | 82 e | 123 e | 180.5 | 265.7 | 5 |
| C ₁₂ H ₁₂ | 2,7-Dimethylnaphthalene | 31.5 s | 53.1 s | 78.8 s | 115.9 | 175 e | 260 e | 5 |
| C ₁₂ H ₁₄ O ₄ | Diethyl phthalate | 12 e | 51 e | 96 e | 150.5 | 215.9 | 296.2 | 5 |
| C ₁₂ H ₁₆ | <i>p</i> -Isopropenylisopropylbenzene | -11 e | 15 e | 46 e | 87 e | 142.4 | 221 e | 5 |
| C ₁₂ H ₁₆ | Cyclohexylbenzene | | 28 e | 58 e | 98 e | 154.7 | 239.5 | 5 |
| C ₁₂ H ₁₆ O ₂ | 3-Methylbutyl benzoate | | | 66 e | 115.0 | 177.7 | 261.4 | 5 |
| C ₁₂ H ₁₈ | Hexylbenzene | -2 e | 22 e | 51 e | 90 e | 144.5 | 225.5 | 5 |
| C ₁₂ H ₁₈ | 1,2-Diisopropylbenzene | -14 e | 9 e | 37 e | 74 e | 125.9 | 203.2 | 5 |
| C ₁₂ H ₁₈ | 1,3-Diisopropylbenzene | -14 e | 8 e | 36 e | 74 e | 125.5 | 202.6 | 5 |
| C ₁₂ H ₁₈ | 1,4-Diisopropylbenzene | -6 e | 18 e | 49 e | 90 e | 148.8 | 238 e | 5 |
| C ₁₂ H ₁₈ | Hexamethylbenzene | 46.3 s | 72.5 s | 81.7 s | 121.8 s | 178.3 | 263.7 | 5 |
| C ₁₂ H ₁₈ | 1,5,9-Cyclododecatriene | -14 e | 11 e | 44 e | 87 e | 145.0 | 229.8 | 5 |
| C ₁₂ H ₂₀ O ₂ | Geranyl acetate | | | 67.7 | 110.8 | 166.9 | 242.9 | 5 |
| C ₁₂ H ₂₀ O ₄ | Dibutyl maleate | 12.3 | 50.4 | 94.0 | 144.2 | 203 e | 272 e | 5 |
| C ₁₂ H ₂₂ | 1-Dodecyne | -11 e | 13 e | 43 e | 82 e | 135.8 | 214.4 | 5 |
| C ₁₂ H ₂₂ | Cyclohexylcyclohexane | | 20 e | 53.1 | 96.0 | 154.1 | 237.2 | 5 |
| C ₁₂ H ₂₂ O ₂ | Methyl 10-undecenoate | 10 e | 38 e | 73 e | 116 e | 172.2 | 247.1 | 5 |
| C ₁₂ H ₂₂ O ₄ | Dimethyl sebacate | | 53 e | 97 | 150 | 214 | 293 | 4 |
| C ₁₂ H ₂₃ N | Dodecanenitrile | 36 e | 60 e | 92 e | 133 e | 190.5 | 275.5 | 5 |
| C ₁₂ H ₂₄ | 1-Dodecene | -8.3 | 15.2 | 44.8 | 82.9 | 135.4 | 212.8 | 5 |
| C ₁₂ H ₂₄ | Hexylcyclohexane | -3 e | 20 e | 50 e | 89 e | 143.1 | 224.2 | 5 |
| C ₁₂ H ₂₄ | Heptylcyclopentane | -1 e | 22 e | 51 e | 90 e | 143.5 | 223.5 | 5 |
| C ₁₂ H ₂₄ O | Dodecanal | | | 70 e | 116.2 | 175.9 | 256.6 | 5 |
| C ₁₂ H ₂₄ O ₂ | Dodecanoic acid | 78 e | 100 e | 128 e | 166 e | 219.1 | 298.1 | 5 |
| C ₁₂ H ₂₄ O ₂ | Decyl acetate | 12 e | 40 e | 74 e | 115.1 | 168.1 | 238 e | 5 |
| C ₁₂ H ₂₄ O ₂ | Ethyl decanoate | 8 e | 35 e | 69 e | 111.8 | 166.1 | 238 e | 5 |
| C ₁₂ H ₂₅ Br | 1-Bromododecane | 31 e | 57 e | 90 e | 132 e | 190.8 | 275.3 | 5 |
| C ₁₂ H ₂₅ Cl | 1-Chlorododecane | 27 e | 51 e | 81 e | 122 e | 178.7 | 262.6 | 5 |
| C ₁₂ H ₂₆ | Dodecane | -5.4 | 18.2 | 47.6 | 85.8 | 138.2 | 215.8 | 16 |
| C ₁₂ H ₂₆ O | 1-Dodecanol | | | | 133 e | 185.0 | 264.1 | 1 |
| C ₁₂ H ₂₆ O ₃ | Diethylene glycol dibutyl ether | 5 e | 34.4 | 70.2 | 115.3 | 174.1 | 253.8 | 5 |
| C ₁₂ H ₂₇ N | Tributylamine | -26 e | 1 e | 35 e | 77.7 | 134.5 | 213.4 | 5 |
| C ₁₂ H ₂₇ N | Triisobutylamine | | 1 e | 28.9 | 64.9 | 112.5 | 178.5 | 5 |
| C ₁₂ H ₂₇ O ₄ P | Tributyl phosphate | | | | | 205 e | 288.3 | 5 |
| C ₁₂ H ₃₆ O ₆ Si ₆ | Dodecamethylcyclohexasiloxane | 18 e | 41 e | 69 e | 108 e | 162.2 | 244.7 | 5 |
| C ₁₃ H ₉ N | Acridine | | | 124.4 | 176.2 | 246.0 | 345.4 | 5 |
| C ₁₃ H ₉ N | Phenanthridine | 79 s | | | | | | 5 |
| C ₁₃ H ₁₀ | Fluorene | 48.4 s | | | 137.4 | 205.4 | 295 e | 5 |
| C ₁₃ H ₁₀ O ₂ | Phenyl benzoate | | | 102.3 | 151.4 | 217.9 | 313.3 | 5 |
| C ₁₃ H ₁₀ O ₃ | Phenyl salicylate | | | | 166.0 | 224.8 | 312.4 | 5 |
| C ₁₃ H ₁₂ | Diphenylmethane | | 45 e | 77 e | 119.3 | 177.7 | 263.6 | 1,5 |
| C ₁₃ H ₁₃ N | Methyldiphenylamine | 35 e | 63 e | 98.4 | 143.1 | 201.6 | 281.6 | 5 |
| C ₁₃ H ₁₄ | 1-Isopropyl-naphthalene | 27 e | 51 e | 82 e | 123.2 | 180.8 | 267.3 | 5 |
| C ₁₃ H ₂₀ | Heptylbenzene | 12 e | 36 e | 66 e | 107 e | 162.7 | 246.2 | 5 |
| C ₁₃ H ₂₄ O ₂ | Ethyl 10-undecenoate | 32 e | 55 e | 86 e | 125.2 | 179.5 | 258.4 | 5 |
| C ₁₃ H ₂₆ | 1-Tridecene | 4.1 | 28.5 | 59.0 | 98.3 | 152.5 | 232.3 | 5 |
| C ₁₃ H ₂₆ | Heptylcyclohexane | 11 e | 34 e | 65 e | 105 e | 160.9 | 244.3 | 5 |
| C ₁₃ H ₂₆ | Octylcyclopentane | 13 e | 36 e | 66 e | 106 e | 160.9 | 243.1 | 5 |
| C ₁₃ H ₂₆ O ₂ | Tridecanoic acid | 87 e | 109 e | 138 e | 176 e | 230.3 | 311.5 | 5 |
| C ₁₃ H ₂₆ O ₂ | Methyl dodecanoate | 38 e | 61 e | 90 e | 130 e | 184.9 | 269 e | 5 |
| C ₁₃ H ₂₈ | Tridecane | 7.2 | 31.5 | 61.8 | 101.1 | 155.1 | 234.9 | 16 |
| C ₁₃ H ₂₈ O | 1-Tridecanol | 71.6 | 101.0 | 103 e | 140 e | 192.3 | 273.1 | 5 |
| C ₁₄ H ₁₀ | Anthracene | 89.2 s | 125.9 s | 151.5 s | 165 s | 238.8 | 340.2 | 1,5 |
| C ₁₄ H ₁₀ | Phenanthrene | 53 s | 83 s | 120.8 | 170.4 | 238.4 | 337.7 | 5 |
| C ₁₄ H ₁₀ O ₂ | Benzil | | | 123 | 175 | 246 | 346 | 4 |
| C ₁₄ H ₁₂ | <i>cis</i> -Stilbene | 26 e | 54 e | 88 e | 130.4 | 183 e | 253 e | 5 |
| C ₁₄ H ₁₂ | <i>trans</i> -Stilbene | | | | 155.6 | 218.1 | 305.8 | 5 |
| C ₁₄ H ₁₂ O ₂ | Benzoin | | | | 181 | 248 | 342 | 4 |
| C ₁₄ H ₁₄ | 1,1-Diphenylethane | 19 e | 47 e | 82.0 | 125.3 | 181 e | 254 e | 5 |
| C ₁₄ H ₁₅ N | Dibenzylamine | 48 e | 77 e | 113.1 | 158.9 | 218.5 | 299.4 | 5 |
| C ₁₄ H ₁₆ | 1-Butyl-naphthalene | 67 e | 82 e | 103 e | 135 e | 186.7 | 288.6 | 5 |

VAPOR PRESSURE (continued)

| Mol. Form. | Name | Temperature in °C for the indicated pressure | | | | | | Ref. |
|--|-------------------------------------|--|---------|--------|-------|--------|---------|------|
| | | 1 Pa | 10 Pa | 100 Pa | 1 kPa | 10 kPa | 100 kPa | |
| C ₁₄ H ₁₆ | 2-Butylnaphthalene | 44 e | 67 e | 98 e | 139 e | 197.5 | 287.4 | 5 |
| C ₁₄ H ₂₂ | Octylbenzene | 20.1 | 46.2 | 79.1 | 121.9 | 178.1 | 263.8 | 5 |
| C ₁₄ H ₂₆ O ₄ | Diethyl sebacate | | 83 e | 120 | 166 | 225 | 305 | 4 |
| C ₁₄ H ₂₇ N | Tetradecanenitrile | 52 e | 79 e | 114.0 | 159.0 | 219.7 | 306.3 | 5 |
| C ₁₄ H ₂₈ | 1-Tetradecene | 16.1 | 41.3 | 72.7 | 113.2 | 168.7 | 250.6 | 5 |
| C ₁₄ H ₂₈ | Octylcyclohexane | 16.9 | 44.3 | 77.8 | 120.0 | 177.6 | 263.2 | 5 |
| C ₁₄ H ₂₈ | Nonylcyclopentane | 25 e | 49 e | 80 e | 120 e | 177.2 | 261.5 | 5 |
| C ₁₄ H ₂₈ O ₂ | Tetradecanoic acid | 96 e | 118 e | 147 e | 186 e | 241.3 | 325.6 | 5 |
| C ₁₄ H ₃₀ | Tetradecane | 19.1 | 44.1 | 75.3 | 115.7 | 171.1 | 253.0 | 16 |
| C ₁₄ H ₃₀ O | 1-Tetradecanol | 80.0 | 110.5 | 149.6 | 152 e | 205.3 | 286.7 | 5 |
| C ₁₄ H ₃₁ N | Tetradecylamine | | | 104 e | 147 e | 206.1 | 290.9 | 5 |
| C ₁₄ H ₄₂ O ₅ Si ₆ | Tetradecamethylhexasiloxane | 6 e | 36 e | 72 e | 117 e | 176.0 | 259.1 | 5 |
| C ₁₅ H ₁₈ | 1-Pentylnaphthalene | 34 e | 62 e | 96 e | 141.3 | 202.2 | 289 e | 5 |
| C ₁₅ H ₂₄ | Nonylbenzene | 33.0 | 58.9 | 92.0 | 135.4 | 193.7 | 281.4 | 5 |
| C ₁₅ H ₃₀ | Nonylcyclohexane | 35 e | 60 e | 92 e | 134 e | 193.4 | 280.9 | 5 |
| C ₁₅ H ₃₀ | Decylcyclopentane | 37 e | 61 e | 93 e | 134 e | 192.5 | 278.8 | 5 |
| C ₁₅ H ₃₀ O ₂ | Methyl tetradecanoate | | 75 e | 110 | 155 | 214 | 295 | 4 |
| C ₁₅ H ₃₂ | Pentadecane | 30.5 | 56.1 | 88.1 | 129.6 | 186.3 | 270.1 | 16 |
| C ₁₆ H ₂₂ O ₄ | Dibutyl phthalate | | 104.0 | 142.7 | 191.5 | 254.5 | 339.4 | 4 |
| C ₁₆ H ₃₂ | 1-Hexadecene | 38.4 | 65.0 | 98.1 | 140.5 | 198.8 | 284.3 | 5 |
| C ₁₆ H ₃₂ O ₂ | Hexadecanoic acid | | 136 e | 165 e | 205 e | 261.9 | 350.2 | 5 |
| C ₁₆ H ₃₄ | Hexadecane | 41.1 | 67.4 | 100.3 | 142.7 | 200.7 | 286.3 | 16 |
| C ₁₆ H ₃₄ O | 1-Hexadecanol | 99.5 | 130.6 | 171.9 | 175 e | 229.0 | 311.7 | 5 |
| C ₁₆ H ₃₅ N | Hexadecylamine | 63 e | 91 e | 126 e | 171 e | 232.6 | 320.5 | 5 |
| C ₁₇ H ₁₀ O | Benzanthrone | | 184 e | 229.3 | 290.3 | 377.2 | 511 e | 5 |
| C ₁₇ H ₃₄ O ₂ | Methyl hexadecanoate | 65 e | 93 | 129 | 177 | | | 4 |
| C ₁₇ H ₃₆ | Heptadecane | 51.5 | 78.5 | 112.0 | 155.3 | 214.5 | 302 e | 16 |
| C ₁₇ H ₃₆ O | 1-Heptadecanol | 94 e | 117 e | 146 e | 185 e | 240.1 | 323.3 | 5 |
| C ₁₈ H ₁₄ | <i>o</i> -Terphenyl | 66 e | 94 e | 129 e | 176 e | 241.3 | 336.3 | 5 |
| C ₁₈ H ₁₄ | <i>m</i> -Terphenyl | 87 e | 118 e | 156 e | 206.6 | 275.3 | 374.6 | 5 |
| C ₁₈ H ₁₄ | <i>p</i> -Terphenyl | 127.1 s | 154.7 s | | 217.2 | 284.0 | 383.0 | 5 |
| C ₁₈ H ₃₀ | Hexaethylbenzene | | | | 144.1 | 206.8 | 297.5 | 5 |
| C ₁₈ H ₃₄ O ₂ | Oleic acid | 94 e | 126 e | 165.5 | 214.5 | 277.0 | 359.7 | 5 |
| C ₁₈ H ₃₄ O ₂ | Elaidic acid | | 124 e | 166 | 216 | 280 | 361 | 4 |
| C ₁₈ H ₃₆ O | Stearaldehyde | | | 142 e | 186 e | 246.9 | 336.7 | 5 |
| C ₁₈ H ₃₆ O ₂ | Stearic acid | | 153 e | 183 e | 223 e | 281.6 | 374.5 | 5 |
| C ₁₈ H ₃₈ | Octadecane | 61.5 | 89.0 | 123.1 | 167.3 | 227.6 | 316 e | 16 |
| C ₁₈ H ₃₈ O | 1-Octadecanol | 106 e | 130 e | 160 e | 200.5 | 257.3 | 343.0 | 5 |
| C ₁₉ H ₁₆ | Triphenylmethane | 81 s | | 112 e | 175 e | 254.6 | 360.0 | 5 |
| C ₁₉ H ₃₆ O ₂ | Methyl oleate | 85 e | 114 e | 149.7 | 195.6 | 256 e | 340 e | 5 |
| C ₁₉ H ₄₀ | Nonadecane | 71.1 | 99.1 | 133.8 | 178.8 | 240.1 | 330 e | 16 |
| C ₂₀ H ₄₂ | Eicosane | 80.4 | 108.9 | 144.2 | 189.8 | 252.1 | 344 e | 16 |
| C ₂₀ H ₄₂ O | 1-Eicosanol | 119 e | 143 e | 173 e | 213 e | 270.0 | 355.1 | 5 |
| C ₂₀ H ₆₀ O ₈ Si ₉ | Eicosamethylnonasiloxane | | | 141 e | 183.1 | 236.7 | 307.1 | 5 |
| C ₂₁ H ₂₁ O ₄ P | Tri- <i>o</i> -cresyl phosphate | 119.0 | 156.1 | 201.0 | 256.3 | 326.3 | 418 e | 5 |
| C ₂₁ H ₂₁ O ₄ P | Tri- <i>m</i> -cresyl phosphate | 147.8 | 177.3 | 211.4 | 251.3 | 298 e | 355 e | 5 |
| C ₂₁ H ₂₁ O ₄ P | Tri- <i>p</i> -cresyl phosphate | 140.6 | 174 e | 214 e | 262 e | 320 e | 392 e | 5 |
| C ₂₁ H ₄₄ | Heneicosane | 82.3 | 113.5 | 152.2 | 201.6 | 263.8 | 355.9 | 5 |
| C ₂₂ H ₄₂ O ₂ | Brassicid acid | 134 e | 166 e | 203.6 | 249.8 | 307.6 | 382.0 | 5 |
| C ₂₂ H ₄₂ O ₂ | Erucic acid | 126 e | 160 e | 199.4 | 247.4 | 306.5 | 381.1 | 5 |
| C ₂₂ H ₄₂ O ₂ | Butyl oleate | 95.5 | 124.2 | 158 e | 198 e | 245 e | 304 e | 5 |
| C ₂₂ H ₄₄ O ₂ | Behenic acid | 145.4 | 176.5 | 213.7 | 259.3 | 316.2 | 390 e | 5 |
| C ₂₂ H ₄₄ O ₂ | Butyl stearate | 99.6 | 128 e | 162 e | 201 e | 249 e | 307 e | 5 |
| C ₂₂ H ₄₆ | Docosane | 83.5 | 115.0 | 154.0 | 203.6 | 274.8 | 368.0 | 5 |
| C ₂₃ H ₄₈ | Tricosane | 102.9 | 135.1 | 174.8 | 221 e | 285.3 | 379.5 | 5 |
| C ₂₄ H ₃₈ O ₄ | Dioctyl phthalate | 130 e | 163.7 | 203.8 | 252 e | 311 e | 385 e | 5 |
| C ₂₄ H ₃₈ O ₄ | Bis(2-ethylhexyl) phthalate | 122.0 | 153.2 | 189.2 | 231.3 | 281.1 | 341.1 | 5 |
| C ₂₄ H ₅₀ | Tetracosane | 115.0 | 148.1 | 188.5 | 239.1 | 295.4 | 390.6 | 5 |
| C ₂₅ H ₅₂ | Pentacosane | 119.7 | 152.7 | 193.2 | 244.4 | 305.0 | 401.1 | 5 |
| C ₂₆ H ₅₄ | Hexacosane | 125.1 | 158.8 | 200.1 | 252.1 | 314.3 | 411.3 | 5 |
| C ₂₇ H ₅₆ | Heptacosane | 136.7 | 168.8 | 206.5 | 255.8 | 323.3 | 421.2 | 5 |
| C ₂₈ H ₅₈ | Octacosane | 136.5 | 169.8 | 210.9 | 263.1 | 332.0 | 430.6 | 5 |
| C ₂₉ H ₆₀ | Nonacosane | 148.2 | 182.8 | 221.2 | 271.5 | 340.2 | 439.7 | 5 |
| C ₃₀ H ₆₂ | Squalane | 66 e | 84 e | 105.8 | 131.9 | 163.7 | 203.2 | 5 |
| C ₇₀ | Carbon (fullerene-C ₇₀) | 598 s | 662 s | | | | | 22 |