**Vapors**

These are substances which are liquid at standard temperature and pressure (25 °C, 1 bar), and supply vapour pressure as the liquid evaporates. Species marked with an asterisk are subject to operational restrictions. Please contact us for further details.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Formula | IUPAC Name | Alternate Name | Restrictions? | CAS Number |
|  |  |  |  |  |
| H2O | Water |   |   | 7732-18-5 |
| CCl3F | Trichlorofluoromethane | Freon-11 |   | 75-69-4 |
| CHCl3 | Chloroform | Freon-20 |   | 67-66-3 |
| CH2Cl2 | Dichloromethane |   |   | 75-09-2 |
| CH4O | Methanol\* | Methyl Alcohol\* | [Contact us](http://www.hidenisochema.com/contact/) | 67-56-1 |
| C2Cl3F3 | 1,1,2-Trichloro-1,2,2-trifluoroethane | Freon-113 |   | 76-13-1 |
| C2HCl2F3 | 1,1-Dichloro-2,2,2-trifluoroethane | Freon-123b |   | 812-04-4 |
| C2H4O | Acetaldehyde | Ethanal |   | 75-07-0 |
| C2H4O2 | Acetic Acid\* |  Ethanoic Acid\* | [Contact us](http://www.hidenisochema.com/contact/) | 64-19-7 |
| C2H6O | Ethanol | Ethyl Alcohol |   | 64-17-5 |
| C2H6O2 | Ethane-1,2-diol | Glycol |   | 107-21-1 |
| C3H3N | 2-Propenenitrile\* | Acrylonitrile\* | [Contact us](http://www.hidenisochema.com/contact/) | 107-13-1 |
| C3H6O | Propanone\* | Acetone\* | [Contact us](http://www.hidenisochema.com/contact/) | 67-64-1 |
| C3H8O | Propan-1-ol | Propyl Alcohol |   | 71-23-8 |
| C3H8O | Propan-2-ol | Isopropanol |   | 67-63-0 |
| C3H8O3 | Propan-1,2,3-triol | Glycerine/Glycerol |   | 56-81-5 |
| C3H9O3P | (Methoxy-methylphosphoryl)oxymethane | Dimethylmethylphosphonate (DMMP) |   | 756-79-6 |
| C4H6 | Buta-1,3-diene | Biethylene |   | 106-99-0 |
| C4H6O | Methoxymethane | Dimethylether |   | 109-93-3 |
| C4H8O | 2-Butanone | Methylethylketone |   | 78-93-3 |
| C4H10O | Butan-1-ol | Butyl Alcohol |   | 71-36-3 |
| C4H10O | 2-Methylpropan-1-ol | Isobutanol |   | 78-83-1 |
| C5H10 | 1-Pentene | Pentylene |   | 109-67-1 |
| C5H10 | Cyclopentane |   |   | 287-92-3 |
| C5H12 | Pentane |   |   | 109-66-0 |
| C5H12 | 2-Methylbutane | Isopentane |   | 78-78-4 |
| C6H4Cl2 | 1,2-Dichlorobenzene | *o*-Dichlorobenzene |   | 95-50-1 |
| C6H4Cl2 | 1,3-Dichlorobenzene | *m*-Dichlorobenzene |   | 541-73-1 |
| C6H4Cl2 | 1,4-Dichlorobenzene | *p*-Dichlorobenzene |   | 106-46-7 |
| C6H5Cl | Chlorobenzene | Phenyl Chloride |   | 108-90-7 |
| C6H6 | Benzene | Benzol |   | 71-43-2 |
| C6H12 | Hex-1-ene | Hexylene |   | 592-41-6 |
| C6H12 | Cyclohexane |   |   | 110-82-7 |
| C6H14 | Hexane |   |   | 110-54-3 |
| C6H14 | 3-Methylpentane |   |   | 96-14-0 |
| C6H14 | 2,2-Dimethylbutane |   |   | 75-83-2 |
| C6H14 | 2,3-Dimethylbutane |   |   | 79-29-8 |
| C7H7Cl | 1-Chloro*-*2-methylbenzene | *o*-Chlorotoluene |   | 95-49-8 |
| C7H7Cl | 1-Chloro*-*3-methylbenzene | *m*-Chlorotoluene |   | 108-41-8 |
| C7H7Cl | 1-Chloro*-*4-methylbenzene | *p*-Chlorotoluene |   | 106-43-4 |
| C7H7ClO | 1-Chloro-2-methoxybenzene\* | 2-Chloroanisole\* | [Contact us](http://www.hidenisochema.com/contact/) | 766-51-8 |
| C7H8 | Methylbenzene | Toluene |   | 108-88-3 |
| C7H8O | Methoxybenzene\* | Anisole\* | [Contact us](http://www.hidenisochema.com/contact/) | 100-66-3 |
| C7H14O | 2-Heptanone | Methyl 2-Amyl Ketone |   | 110-43-0 |
| C7H16 | Heptane |   |   | 142-82-5 |
| C8H8 | Styrene\* |  Vinylbenzene\* | [Contact us](http://www.hidenisochema.com/contact/) | 100-42-5 |
| C8H10 | 1,2*-*Dimethylbenzene | *o*-Xylene |   | 95-47-6 |
| C8H10 | 1,3*-*Dimethylbenzene | *m*-Xylene |   | 108-38-3 |
| C8H10 | 1,4*-*Dimethylbenzene | *p*-Xylene |   | 106-42-3 |
| C8H18 | Octane |   |   | 111-65-9 |
| C8H18 | 2,2,4-Trimethylpentane | Isooctane |   | 540-84-1 |
| C9H12 | 1,3,5-Trimethylbenzene | Mesitylene |   | 108-67-8 |
| C9H14O6 | 1,3-Diacetyloxypropan-2-yl Acetate | Glyceryl Triacetate |   | 102-76-1 |
| C9H20 | Nonane |   |   | 111-84-2 |
| C10H8 | Bicyclo[4.4.0]deca-1,3,5,7,9-pentene | Naphthalene |   | 91-20-3 |
| C10H14 | 1-Methyl-2-(1-methylethyl)benzene | *o*-Cymene |   | 527-84-4 |
| C10H14 | 1-Methyl-3-(1-methylethyl)benzene | *m*-Cymene |   | 535-77-3 |
| C10H14 | 1-Methyl-4-(1-methylethyl)benzene | *p*-Cymene |   | 99-87-6 |
| C10H16 | 1-Methyl-4-(1-methylethenyl)cyclohexane | Limonene |   | 138-86-3 |
|  |  |  |  |  |
| C10H16 | (1S,5S)-2,6,6-Trimethylbicyclo[3,1,1]hept-2-ene | *α*-Pinene |   | 80-56-8 |
| C10H20O | (1R,2S,5R)-2-isopropyl-5-methylcyclohexanol | Menthol |   | 89-78-1 |
| C10H22 | Decane |   |   | 124-18-5 |