

## 15.9: Standard Pressure

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You will often find enthalpy changes indicated by  $\Delta H^\circ$  and called *standard enthalpy changes*. The superscript is added to indicate that the enthalpy change has occurred at the *standard pressure of 1 bar (100 kPa or 0.9869 atm)*. Unless very high pressures are involved,  $\Delta H$  changes very little with a change in pressure, and so we have ignored superscripts up to this point. However, two other properties of matter called the entropy, symbol  $S$ , and the free energy, symbol  $G$ , are [discussed in other sections](#). These are quite sensitive to pressure, and the inclusion of this superscript is important. For reasons of consistency therefore we will indicate standard enthalpy changes as  $\Delta H^\circ$  from now on.

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