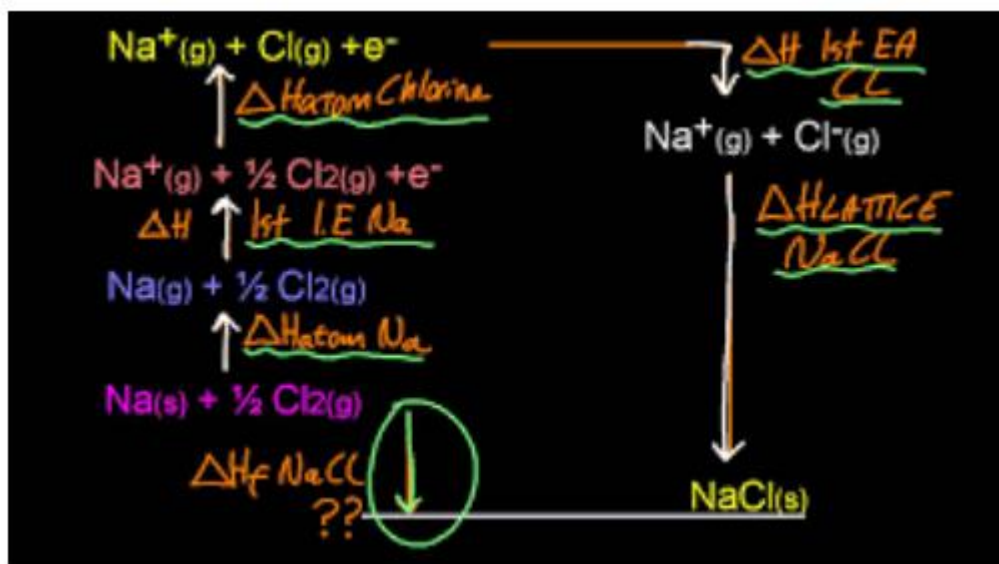


Born-Haber Cycle

Introduction:

The **Born-Haber Cycle** is a technique for applying Hess's Law to the standard enthalpy changes which occur when an ionic compound is formed. The **Born-Haber cycle** is an approach to analyze reaction energies. ... The lattice enthalpy is the enthalpy change involved in the formation of an ionic compound from gaseous ions (an exothermic process), or sometimes defined as the energy to break the ionic compound into gaseous ions (an endothermic process).

Image shows Born-Haber cycle for sodium chloride.



Videos explaining Born-Haber cycle.

https://www.youtube.com/watch?v=YEJ5ITLC4IU&feature=emb_logo

https://www.youtube.com/watch?v=z2zOzJyovTI&feature=emb_logo

https://www.youtube.com/watch?v=2IeyqahnWxQ&feature=emb_logo

https://www.youtube.com/watch?v=uVp07K9a_KA&feature=emb_logo

<https://www.slideshare.net/punia123/energetics-hesss-law-born-haber-cycle>