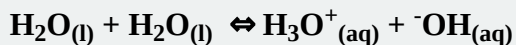


18.4 How is the Kw Equilibrium Affected by the Addition of Acids or Bases? (Video)

This project was preformed to supply **Libretext authors** with videos on General Chemistry topics which can be used to enhance their projects. Also, these videos are meant to act as a learning resource for **all General Chemistry students**.

Video Topics

This video discusses how the Kw equilibrium is affected by the addition of acids or bases?



H_3O^+ and OH^- are always in Eq. with each other.

By Le Châtelier's principle

If we increase $\{\text{H}_3\text{O}^+\}$ by adding an acid we decrease $\{\text{OH}^-\}$.

If we increase $\{\text{OH}^-\}$ by adding a base we decrease $\{\text{H}_3\text{O}^+\}$.

Link to Video

How is the Kw Equilibrium Affected by the Addition of Acids or Bases?: <https://youtu.be/IPDojb3CXCI>



Attribution

- Prof. Steven Farmer ([Sonoma State University](#))

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