

Chapter 17 Aqueous Ionic Equilibrium



Human blood is held at nearly constant pH by the action of buffers, a main topic of this chapter.

obstinate resistance to the solvent action of water may properly be designated as extraordinarily difficult of solution, not as

insoluble."

-Otto N. Witt (1853-1915)

Learning Outcomes

- 17.1 The Danger of Antifreeze
- 17.2 Buffers: Solutions That Resist pH Change
- 17.3 Buffer Effectiveness: Buffer Range and Buffer Capacity
- 17.4 Titrations and pH Curves
- 17.5 Solubility Equilibria and the Solubility-Product Constant
- 17.6 Precipitation

