

## CHAPTER OVERVIEW

### 2: Extended Explanations - Solutions I - Volatile Solutes

- [2.1: A Mixture is a Combination of Two or More Substances](#)
- [2.2: The Gibbs-Duhem Equation Relates Chemical Potential and Composition at Equilibrium](#)
- [2.3: Chemical Potential of Each Component Has the Same Value in Each Phase in Which the Component Appears](#)
- [2.4: Ideal Solutions obey Raoult's Law](#)
- [2.5: Most Solutions are Not Ideal](#)
- [2.6: Vapor Pressures of Volatile Binary Solutions](#)
- [2.7: Activities of Nonideal Solutions](#)
- [2.8: Activities are Calculated with Respect to Standard States](#)
- [2.9: Gibbs Energy of Mixing of Binary Solutions in Terms of the Activity Coefficient](#)
- [2.E: Solutions I- Liquid-Liquid Solutions \(Exercises\)](#)

---

[2: Extended Explanations - Solutions I - Volatile Solutes](#) is shared under a [CC BY-NC-SA 4.0](#) license and was authored, remixed, and/or curated by LibreTexts.