Chemistry and Chemical Reactivity
John C. Kotz, Paul M. Treichel, and John Townsend

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Ozone, $O_3$

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![Graph showing the rate of chemical reaction over time.](image)

- 15: Principles of Chemical Reactivity: Equilibria

![Chemical reaction showing the equilibrium between two compounds.](image)

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![Diagram showing Na⁺ surrounded by water molecules with partial charges δ⁺ and δ⁻]

18: Principles of Chemical Reactivity: Entropy and Free Energy

![Graph showing pressure-volume relationship with points TH and Tc]

19: Principles of Chemical Reactivity: Electron Transfer Reactions

![Diagram of Zn(s) and Cu(s) electrodes with electron flow and aqueous species]

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