

## CHAPTER OVERVIEW

### 13: Radical Reactions

#### Topic hierarchy

- 13.1: Introduction
- 13.2: General Features of Radical Reactions
- 13.3: Halogenation of Alkanes
- 13.4: The Mechanism of Halogenation
- 13.5: Chlorination of Other Alkanes
- 13.6: Chlorination versus Bromination
- 13.7: Halogenation as a Tool in Organic Synthesis
- 13.8: The Stereochemistry of Halogenation Reactions
- 13.9: Application- The Ozone Layer and CFCs
- 13.10: Radical Halogenation at an Allylic Carbon
- 13.11: Application- Oxidation of Unsaturated Lipids
- 13.12: Application- Antioxidants
- 13.13: Radical Addition Reactions to Double Bonds
- 13.14: Polymers and Polymerization

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