

## Reading Assignment - Chapter 9

Read any combination of the following sections so that you have read a total of five pages. When sections begin or end with less than half of a page, don't include that page, or add two half pages to make one whole page. Please choose sections which will help you to review, fill in gaps in your understanding, or increase your knowledge.

- 6-1 Introduction (p 212)
- 6-3 Common uses of alkyl halides (p 215)
- 6-4 Structure of alkyl halides (p 217)
- 6-5 Physical properties of alkyl halides (p )
- 6-6 Preparation of alkyl halides (p 220)
- 6-2 Nomenclature of alkyl halides (p 213)
- 6-7 Reactions of alkyl halides: substitution and elimination (p 224)
- 6-8 The  $S_N2$  reaction (p 225)
- 6-9 Generality of the  $S_N2$  (p 227)
- 6-10 Factors affecting  $S_N2$  reactions (p 228)
- 6-11 Reactivity of the substrate in  $S_N2$  reactions (p 233)
- 6-12 Stereochemistry of the  $S_N2$  reaction (p 236)
- 6-13 The  $S_N1$  reaction (p 238)
- 6-14 Stereochemistry of the  $S_N1$  reaction (p 242)
- 6-15 Rearrangements in the  $S_N1$  reaction (p 243)
- 6-16 Comparison of the  $S_N2$  and  $S_N1$  reactions (p 246)