

UNIT 9 – ALCOHOLS

VTOC: Alcohols

[Nomenclature](#)

[Reactions of Alcohols](#)

[Substitution of the Hydroxyl H](#)

[Substitution of the Hydroxyl Group](#)

[Elimination of Water](#)

Skills:

- 9A. Provide IUPAC names for chain and cyclic alcohols.
- 9B. Synthesize 1° and methyl alcohols using the S_N2 reaction
- 9C. Synthesize alkenes from alcohols
- 9D. Predict the likely rearrangement of a given cation
- 9E. Convert alcohols into good leaving group using strong acid, SOCl₂, PBr₃, or TsCl
- 9F - Draw the S_N1/E1 mechanism of dehydration and halogenation of alcohols with strong acid.