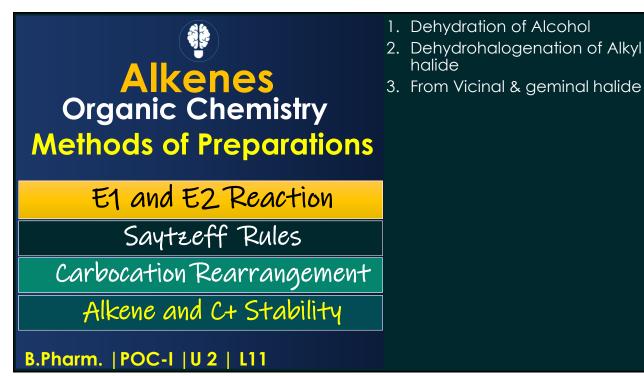
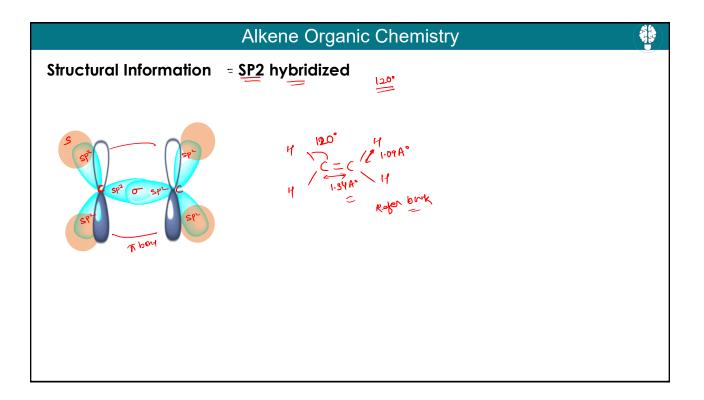
**Ş**Ş



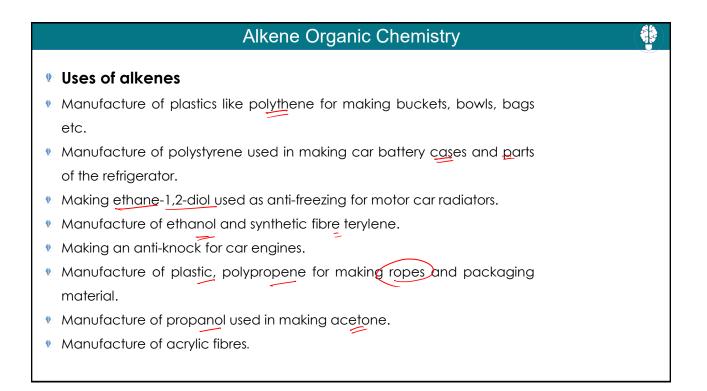
## Alkene Organic Chemistry

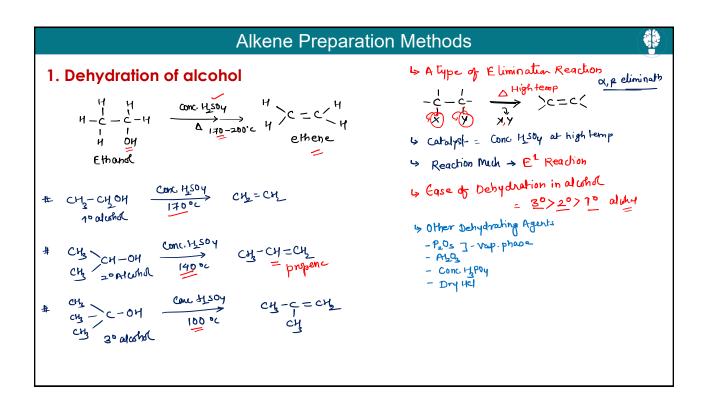
halide

- Alkenes class of unsaturated are a hydrocarbons with at least one carbon-tocarbon double bond
- It General formula C<sub>n</sub>H<sub>2n</sub> n<sub>2</sub> 2,3,4,-
- They are also known as <u>olefins</u> (oleum- oil, and fiacre- to make).
- Alkenes are more reactive than alkanes due to the presence of the double bond ( $\sigma$ + $\pi$ )
- Ethylene (ethene) is the first member of the class

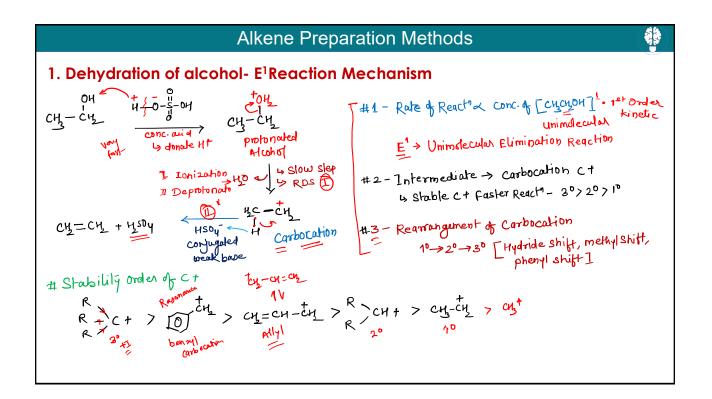


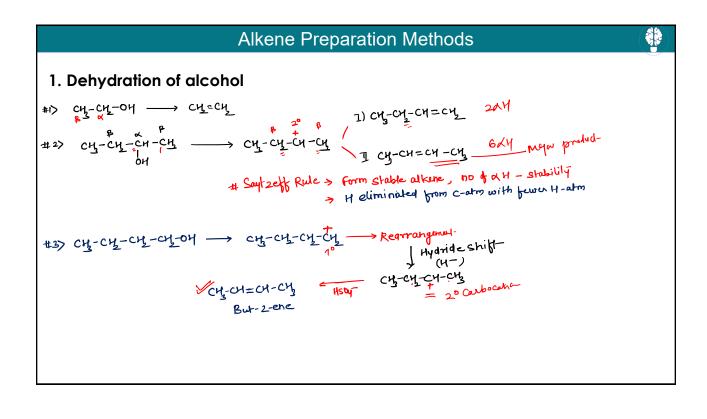
Alkene Organic Chemistry	
General Properties	
1.Physical state – C2-C4 (Gases), C5-C17 (Liquids) >C17 (Solid at RT)	
2.Density – Alkenes are lighter than water.	
3.Solubility - Alkenes are insoluble in water and soluble in organic solvents	
such as benzene etc.	
4.Boiling point - The boiling points of alkenes show a gradual increase with	
an increase in the molecular mass or chain length, this indicates that the	
intermolecular attractions become stronger with the increase in the size of	
the molecule.	

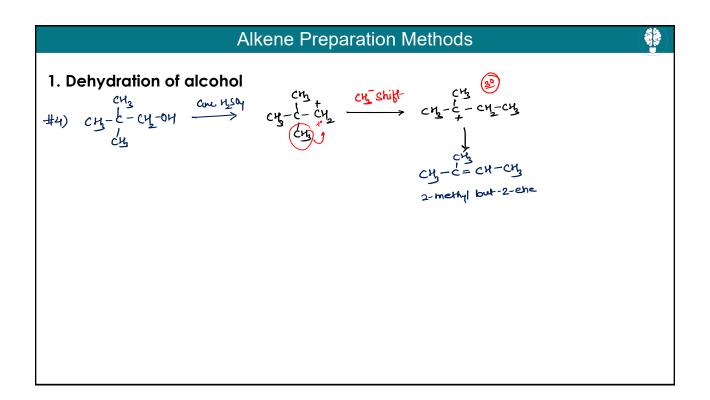


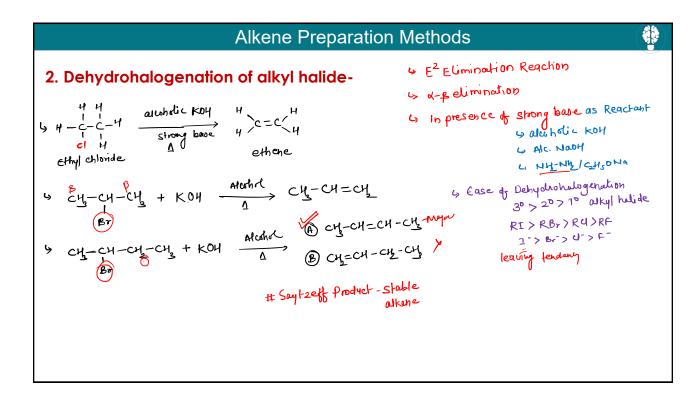


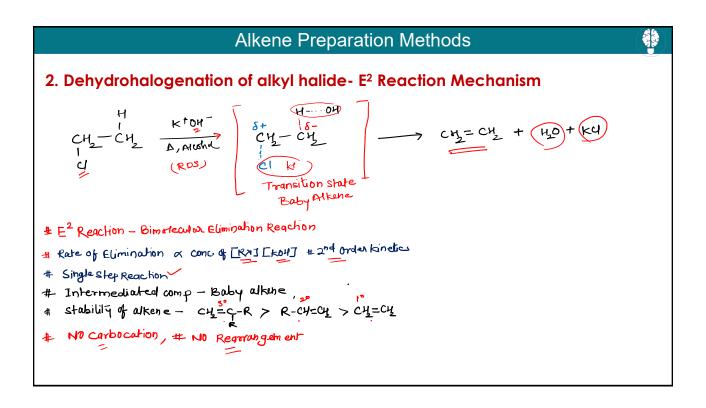
## 3

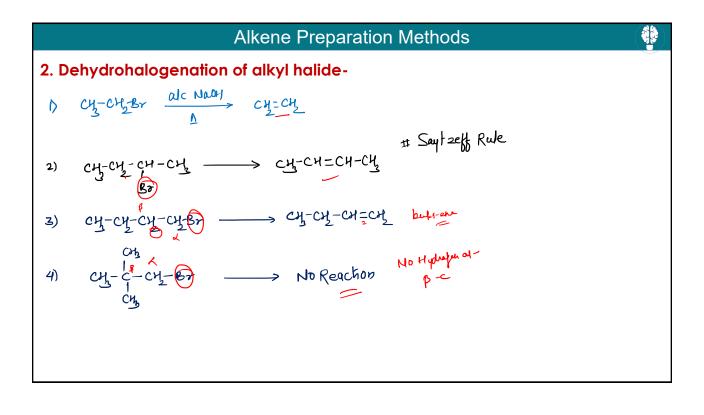


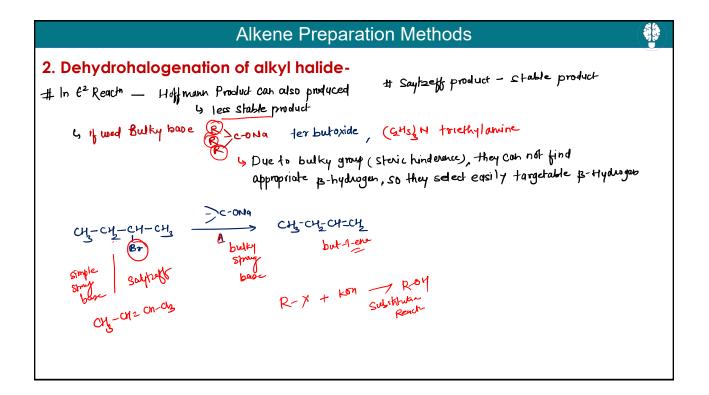


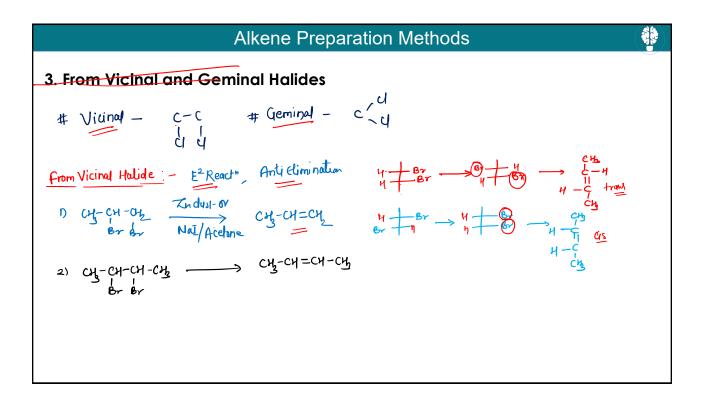




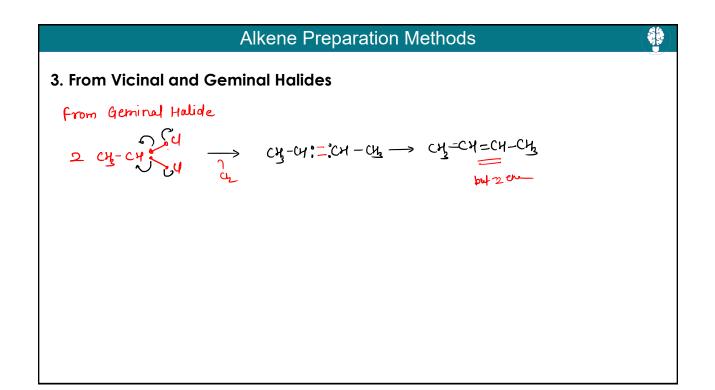


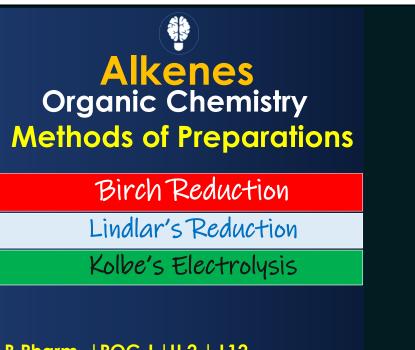






7





B.Pharm. | POC-I | U 2 | L12

