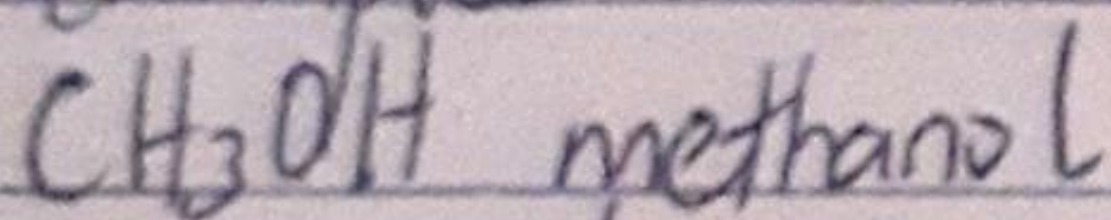


## 1 Major classifications of ethanol

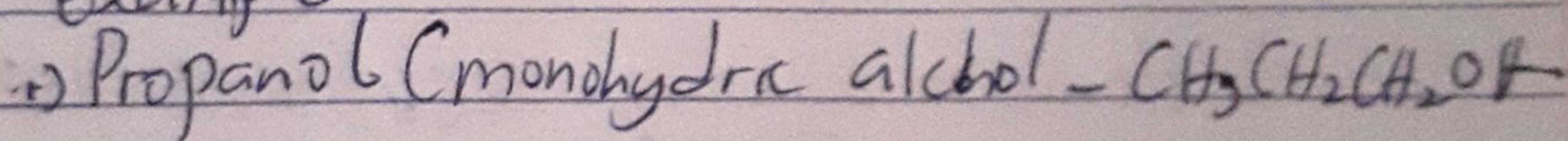
- Based on the number of hydrogen atoms attached to the carbon atom containing the hydroxyl group.

Examples



- Based on the number of hydroxyl groups they possess.

Example



## 2 Grignard synthesis of an alcohol using $\text{CH}_3\text{CH}_2\text{MgBr}$ as a Grignard reagent

