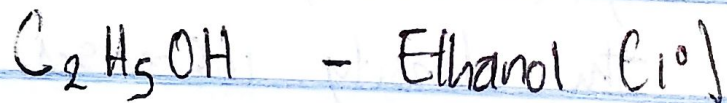


ABBAAH MARY EDUWALU

19/MHS 01/001

MBBS

1) This is based on the number of hydrogen atoms attached to the carbon atom containing hydroxyl group  
Example;



b. - This is based on the number of hydroxyl groups they possess.

- Monohydric alcohols have one hydroxyl group present in the alcohol structure.

- Dihydric alcohols have two hydroxyl groups present in their alcohol structure.

- Trihydric alcohol have three hydroxyl group present in their alcohol structure.
- Polyhydric alcohol have more than three hydroxyl groups

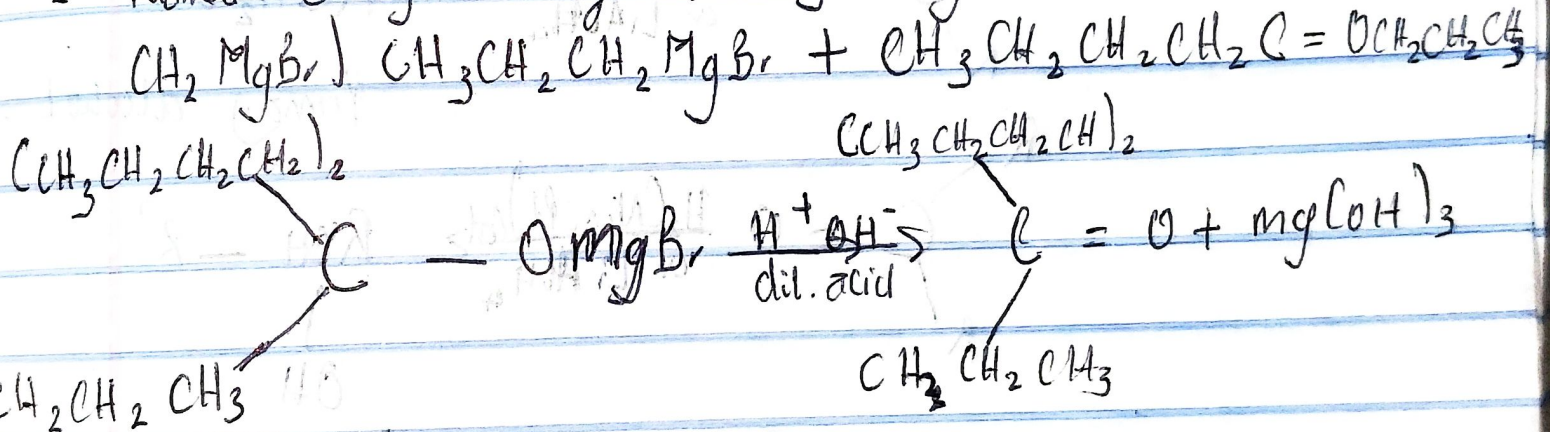
Example;

$\text{CH}_3\text{OH}$  - Methanol (monohydric alcohol).

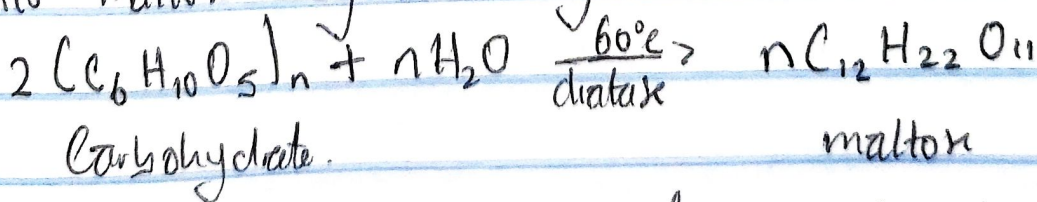
$\text{CH}_3\text{CH}(\text{OH})\text{CH}(\text{OH})\text{CH}(\text{OH})\text{CH}(\text{OH})\text{CH}(\text{OH})\text{CH}_3$  -

Heptane-2,3,4,5,6-pentaol (polyhydric alcohol)

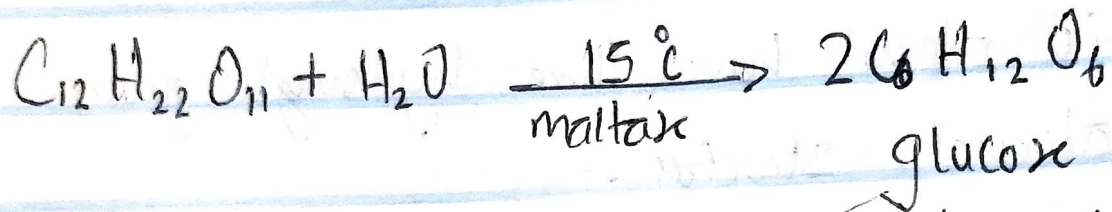
2. Named Grignard Reagent; Butyl magnesium bromide ( $\text{C}_4\text{H}_9\text{MgBr}$ )



3. Starch containing materials and on warming with malt to  $60^\circ\text{C}$  for a specific period of time are converted into maltose by the enzyme diastase contained in malt.



The maltose is broken down into glucose on addition of yeast which contains the enzyme maltase and at a temperature of  $35^\circ\text{C}$



The glucose at constant temperature of  $15^\circ C$  is then converted into alcohol by the enzyme zymase contained also in yeast.

