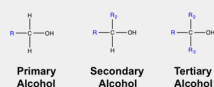


alcohols



alcohols:
the aliphatic organic compounds containing hydroxyl group -OH, as functional group are called alcohols.

types of alcohols



alcohols are divided on the basis of how many hydroxyl group they contain

1) monohydric alcohol:-

the alcohols containing one -OH group are called monohydric alcohols.

classification of monohydric alcohol:-

-->the monohydric alcohol are further classified into three types.

- 1) primary alcohol
- 2) secondary alcohol
- 3) tertiary alcohol

2) polyhydric alcohol:-

the alcohols containing two or more hydroxyl group are called polyhydric alcohols.

nomenclature of alcohols

there are two ways to name alcohol

- 1) common system of naming
- 2) IUPAC system

COMMON SYSTEM OF NAMING:-

in common system of naming, alcohols are named by adding the word alcohol after the name of the alkyl group to which -OH group is attached.

for example:-

- 1) $\text{C}_2\text{H}_5\text{OH}$ -----> **ethyl alcohol**
- 2) $\text{C}_6\text{H}_5\text{CH}_2\text{OH}$ -----> **benzyl alcohol**.

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