2 - Propanol (20)

m

Courses the beginning group.

Tertiary alkanol : Tertiary alkanols have three alkyl groups and no hydrogen atom attached to the carbon alom that carries the hydroxyl group the

CH3-CH2-CH2-C-CH3

2-Methyl propon-2-06 (3°) 2-Methyl Butan-2-01

2-Methyl-2- proponal (3°) 2-Methyl-2-Baland

Classification based one the number of hydroxell groups to POSSESS.

Note: The hydroxyl group has a general formula "- of" Therefore based on the classification, alkanols can be

classified as follows:

Monohytic alkanols: Monohydric alkanols have to one hydroxylic group (-OH) present in the alkanol struction

@ CH3 CH2 CH2 OH Or CH3-CH2- GOH propanol (Monohydric alkanol) H

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A) Kamalsand alkamones are reduced to primary and Secondary alkanol by helikogunation of curbon-or jan double bond in the presence of a cotalist such as Plactinium (Pt), maked (NI), Pallachum (Pol) catalyst or with sodium terhophobrate (TD) (Ha BHq).
Examples : DRe-lestin of alkanol circlet An alkanol are recluced to primary alkanols e.g CH2 CH, CH2 C = 0 + H2 Pt, Fl. or Pd > CH3 cH2 CH2 CH2 OH Butand Butano Reduction of an alkanone yield a Secondary alkand 2- Propanol 2-proponone