Aldehydes & Ketones -05

Preparation of Ketones
1) from Acid chlorides / Acyl chlorides:
Ketones can be brepared by the action of
Ketones can be prepared by the action of dialkyl cadmium on acid chlorides
$2R'-\dot{c}-cl+R_{2}cd\longrightarrow 2R'-\dot{c}-R+cdcl_{2}$ Acid dialkyl chloride cadmium
Acid dialky
allaide admina
(*M(O)ICC
CH C-El CH2
$\frac{\text{CH}_3 - \text{C} - \text{Cl}}{\text{+ Cd}} + \frac{\text{CH}_3}{\text{CH}} \xrightarrow{\text{2} \text{CH}_3 - \text{C} - \text{CH}_3} + \frac{\text{CdCl}_2}{\text{CH}_3}$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Acetyl chloride cadmium
- Mary Common
0
CH3-C-Cl + Cd CeH5 -> CH3-C-C2He + cdCl
o + cd U13 -C-12ME TUG2
CH3-C-Cl diethyl
Acetyl chloride Cadmium
O Courage.
GHS-C-CL + Cd -CH3 - CH3 + CdCl,
4 Cal CH2 Acetophenone
CHS-C+CC
8 ch royt dimekyl Chloride Cadmium
CALUDAR COMPULI

