## 6. Stephen Reaction

$$SnCl_2 + 2 HCl \longrightarrow SnCl_4 + 2 [H]$$

$$CH_3C = N + 2 [H] + HCl \xrightarrow{Dry\,ether} CH_3CH = NH.HCl$$

$$Acetonitrile Acetaldimine hydrochloride \\ \downarrow Boiling H_2O$$

$$CH_3CH = O + NH_4Cl$$

$$Acetaldehyde$$

## 7. Swarts Reaction

## 9. Schotten Baumann Reaction

OH

$$C_6H_5COCl$$
 $C_6H_5COCl$ 
 $C_6H_5COCl$