

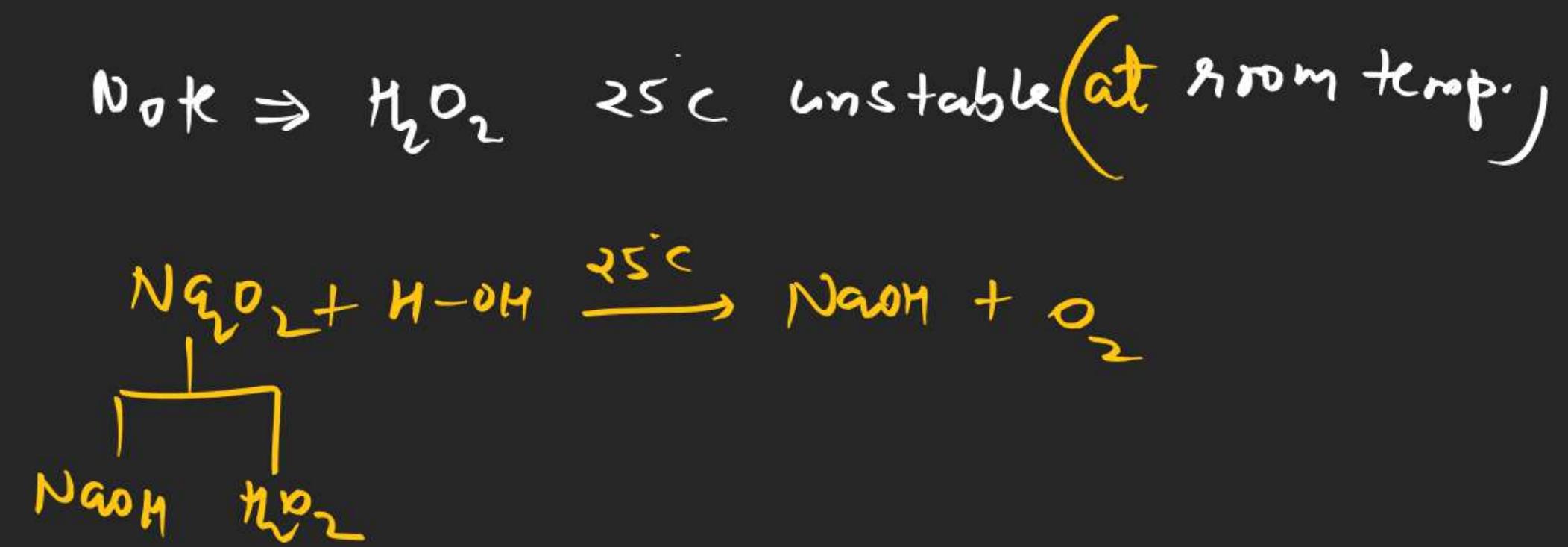
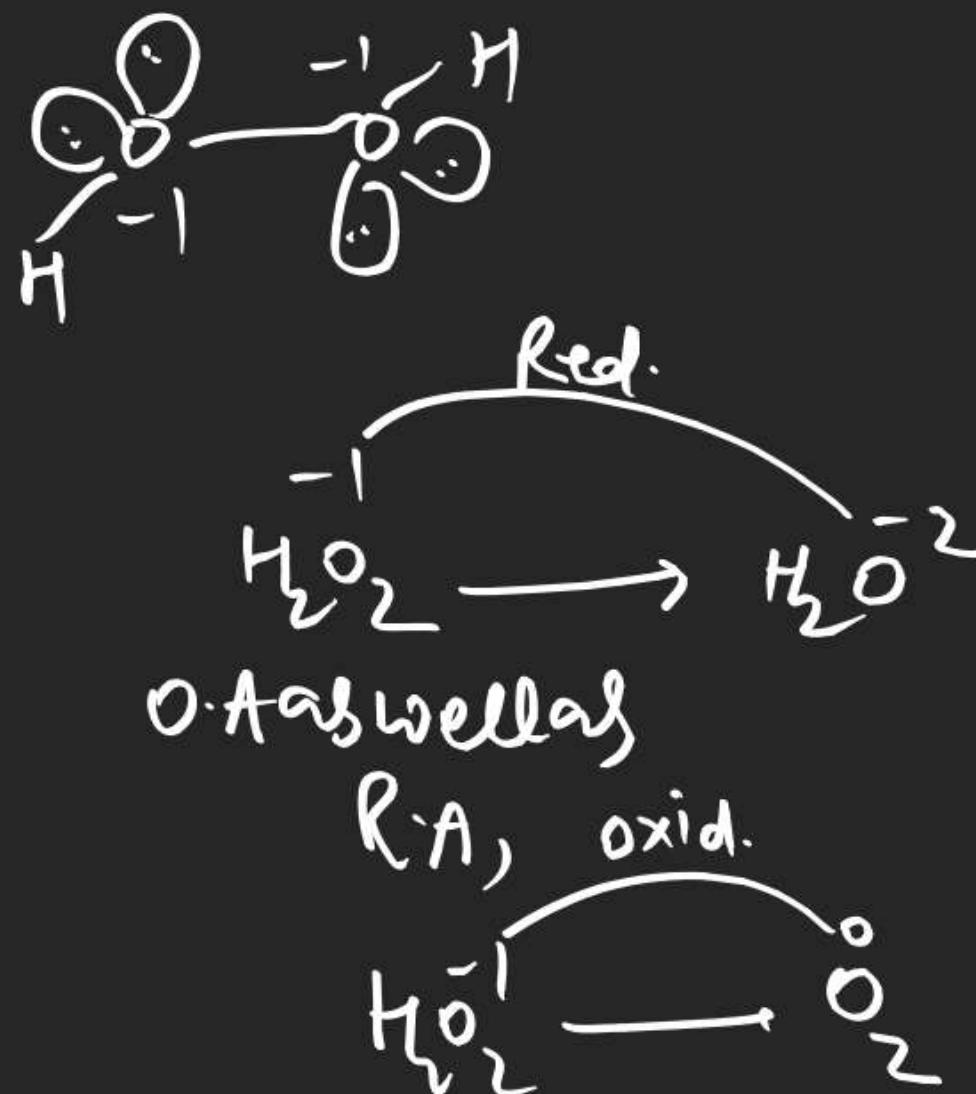
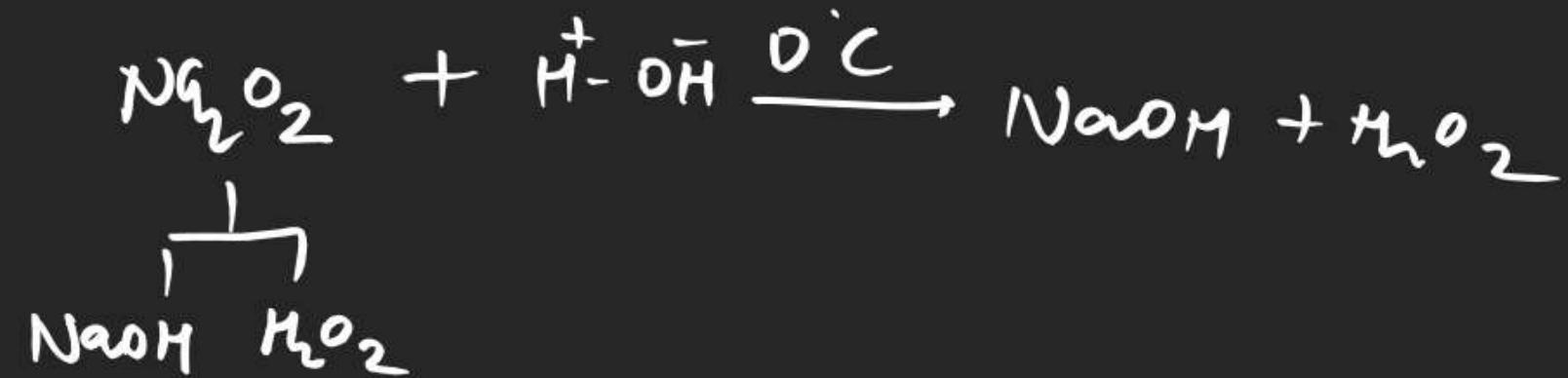
Nishant Jindal

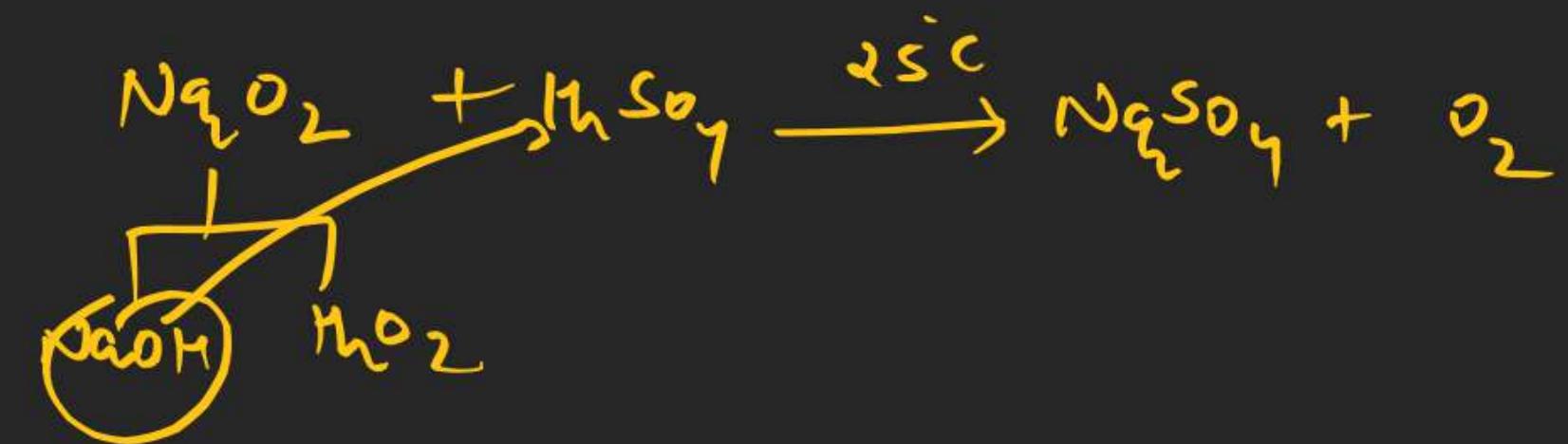
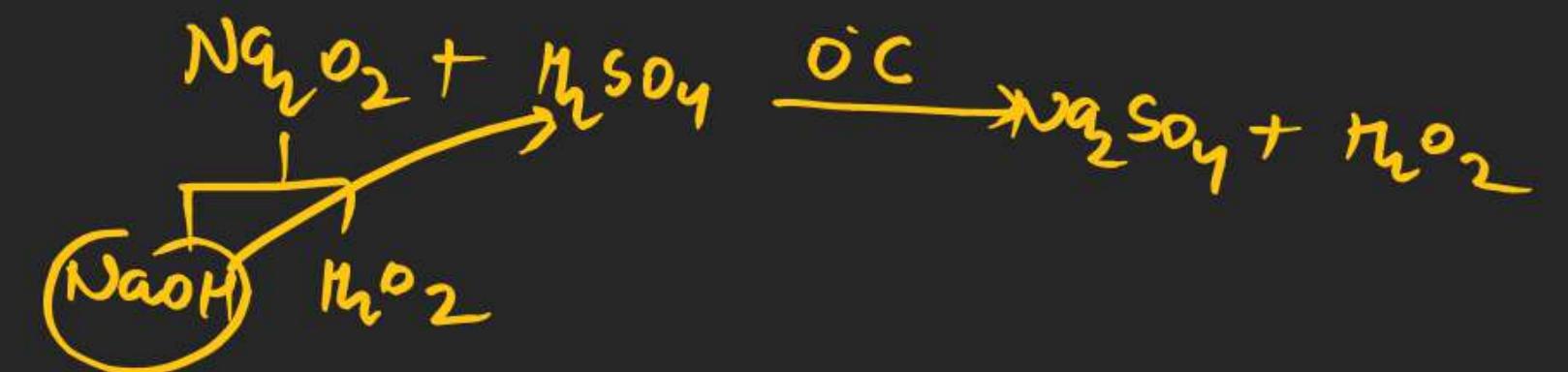
Sh. Vishal Joshi
9929776481

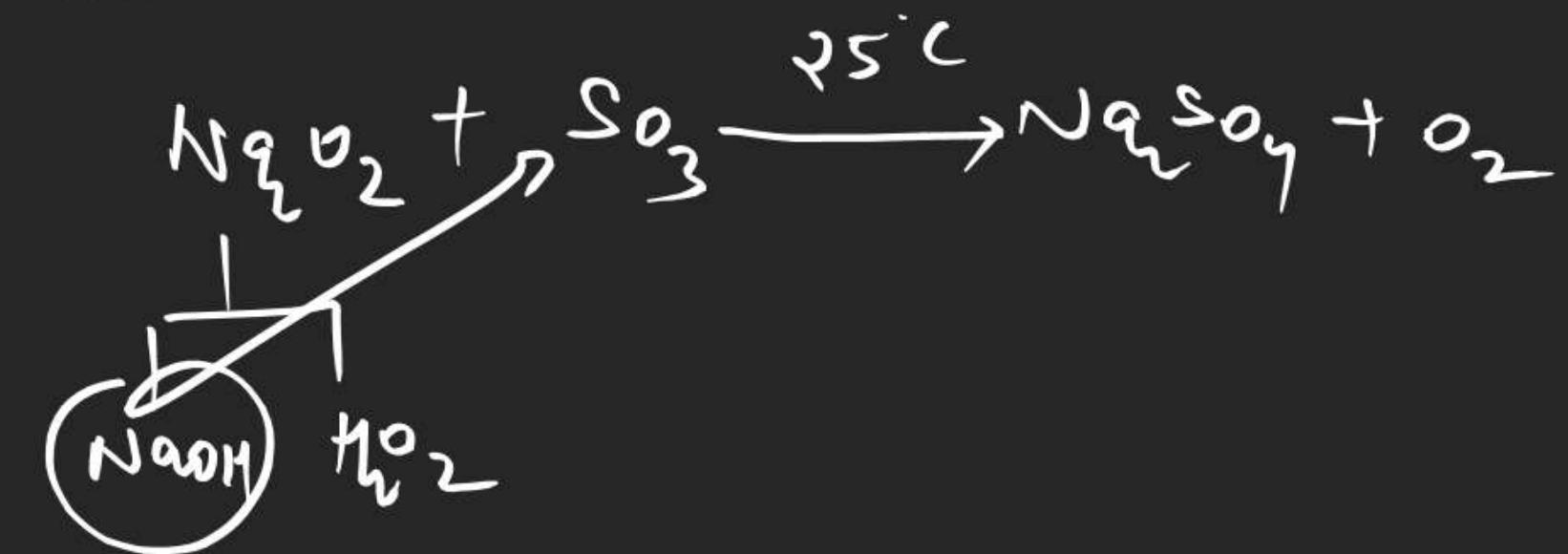
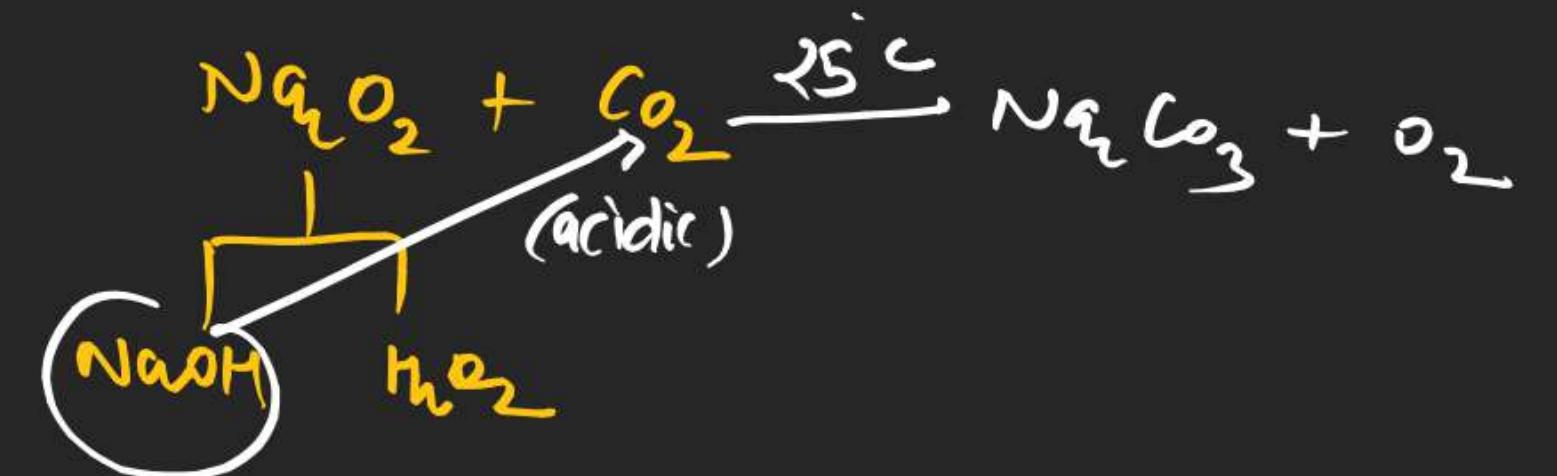
Compound of S-block

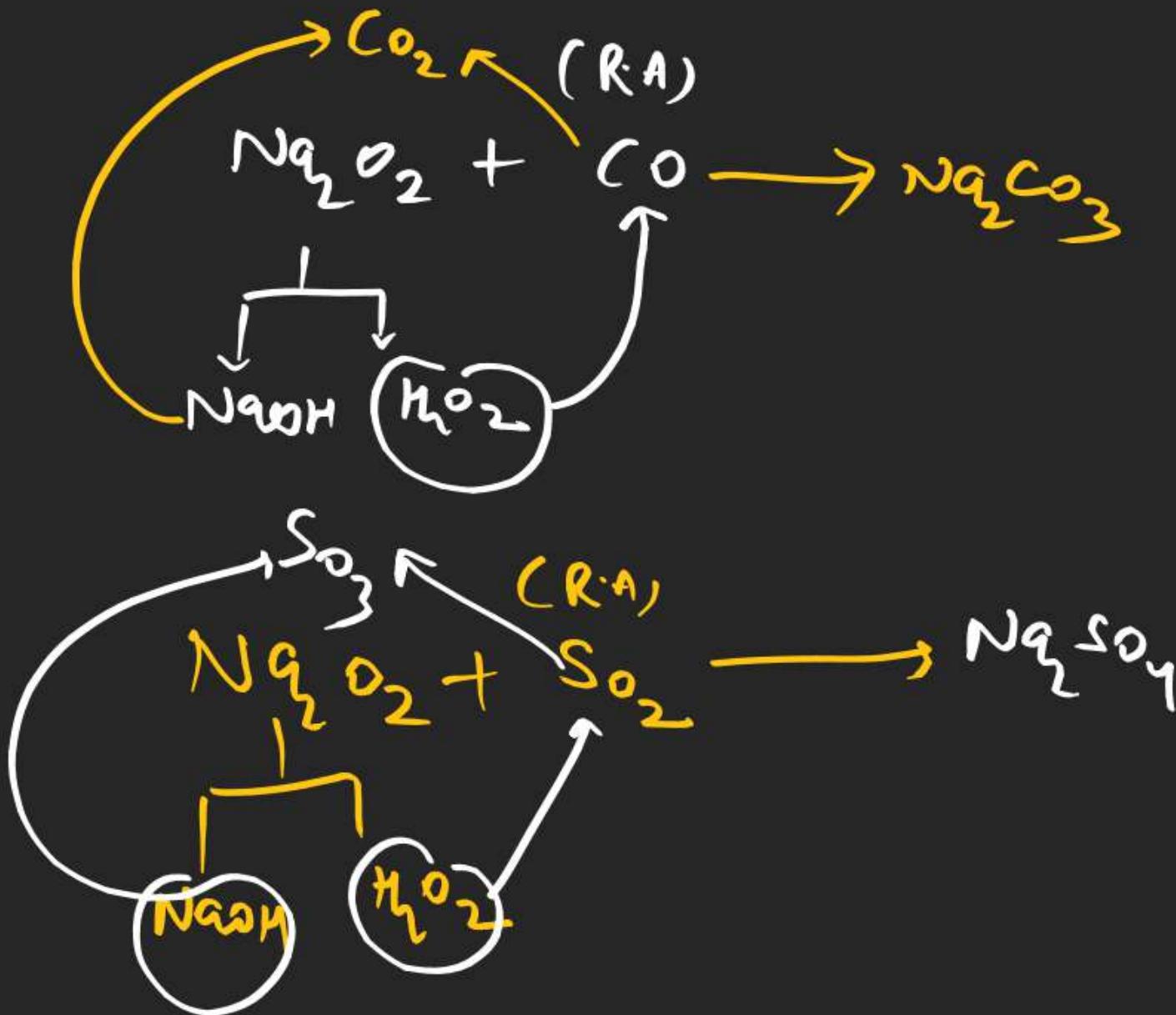


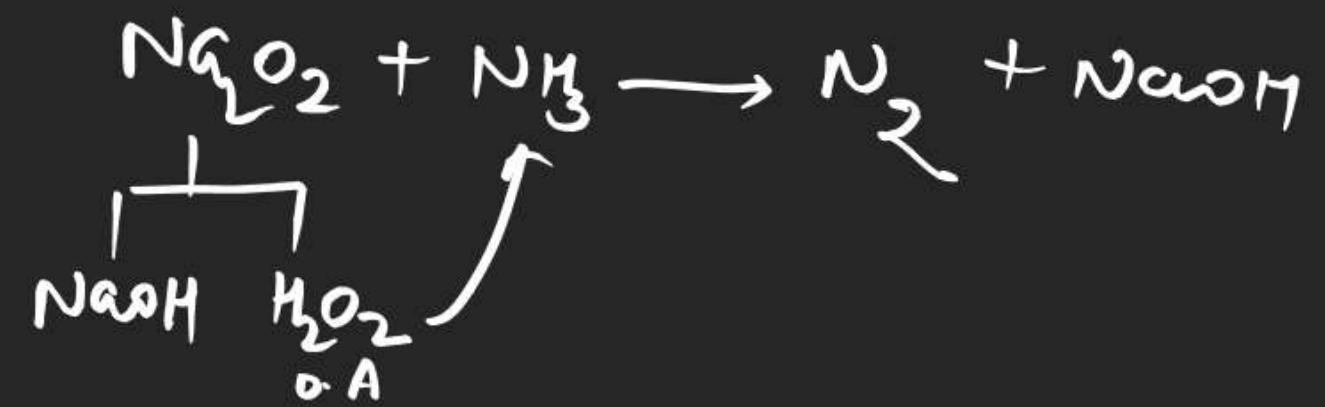
① Pale yellow sol.







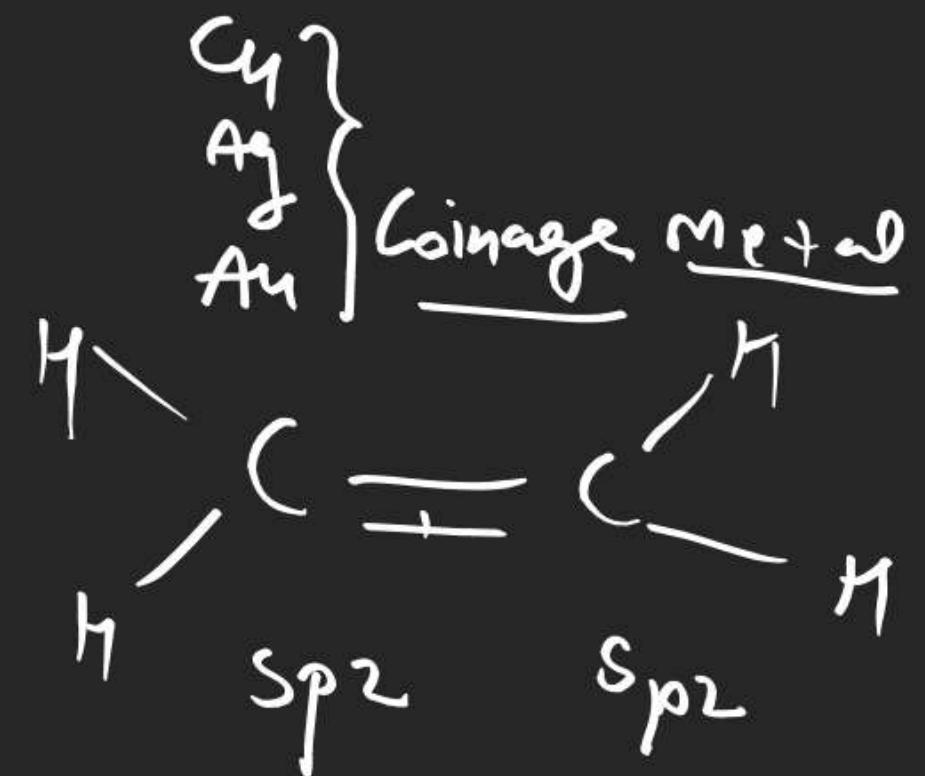




Keypoint

any

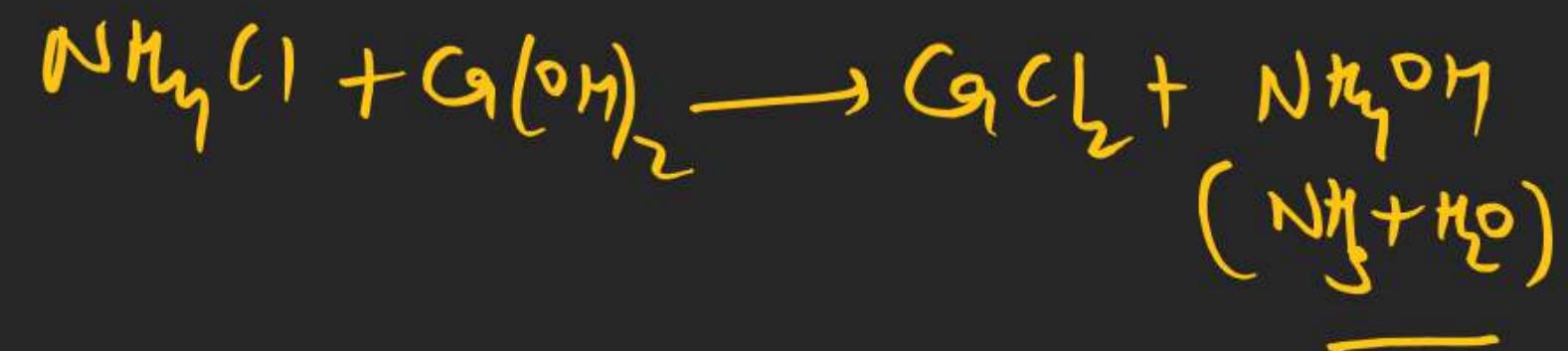
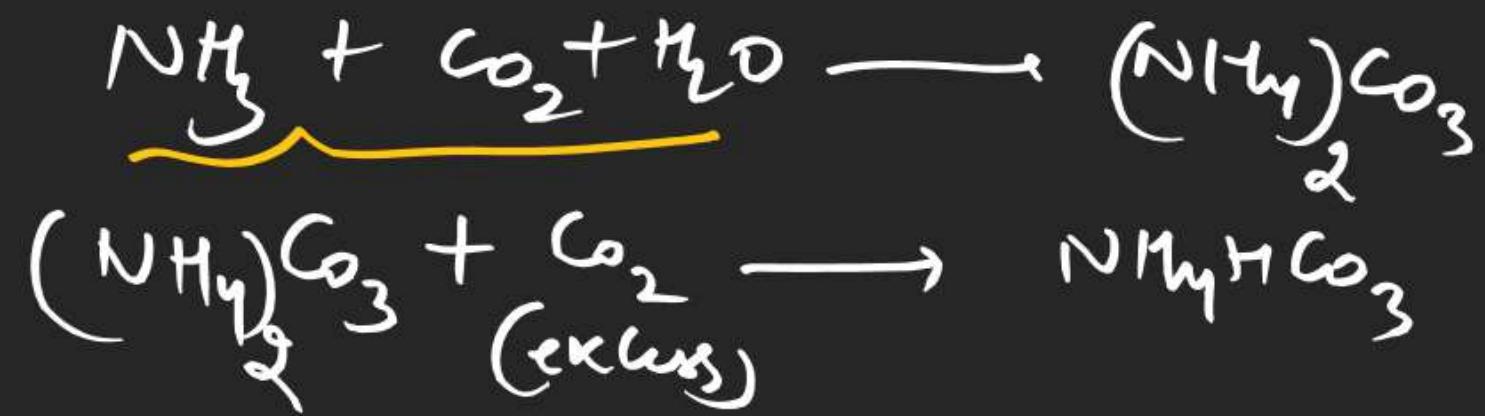
$$\text{NH}_3 + \text{O} \cdot \text{A} \rightarrow \text{N}_2$$

$$\text{NH}_3 + \text{O}_2 \rightarrow \text{NO}$$


~~Solvay process (prep. of Na_2CO_3)~~

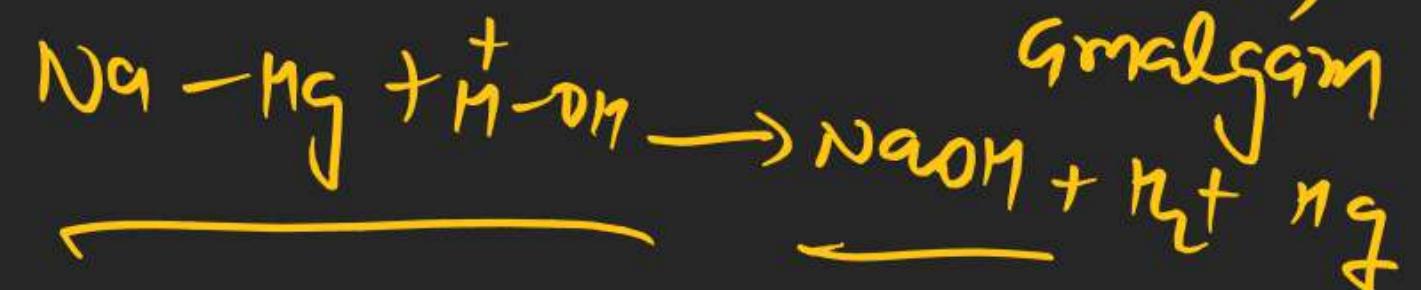
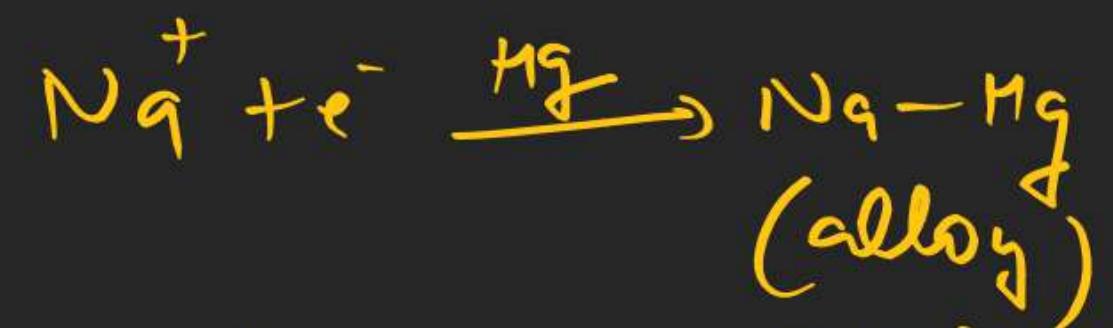
Note $\Rightarrow \text{K}_2\text{CO}_3$ is
not produced
by solvay process

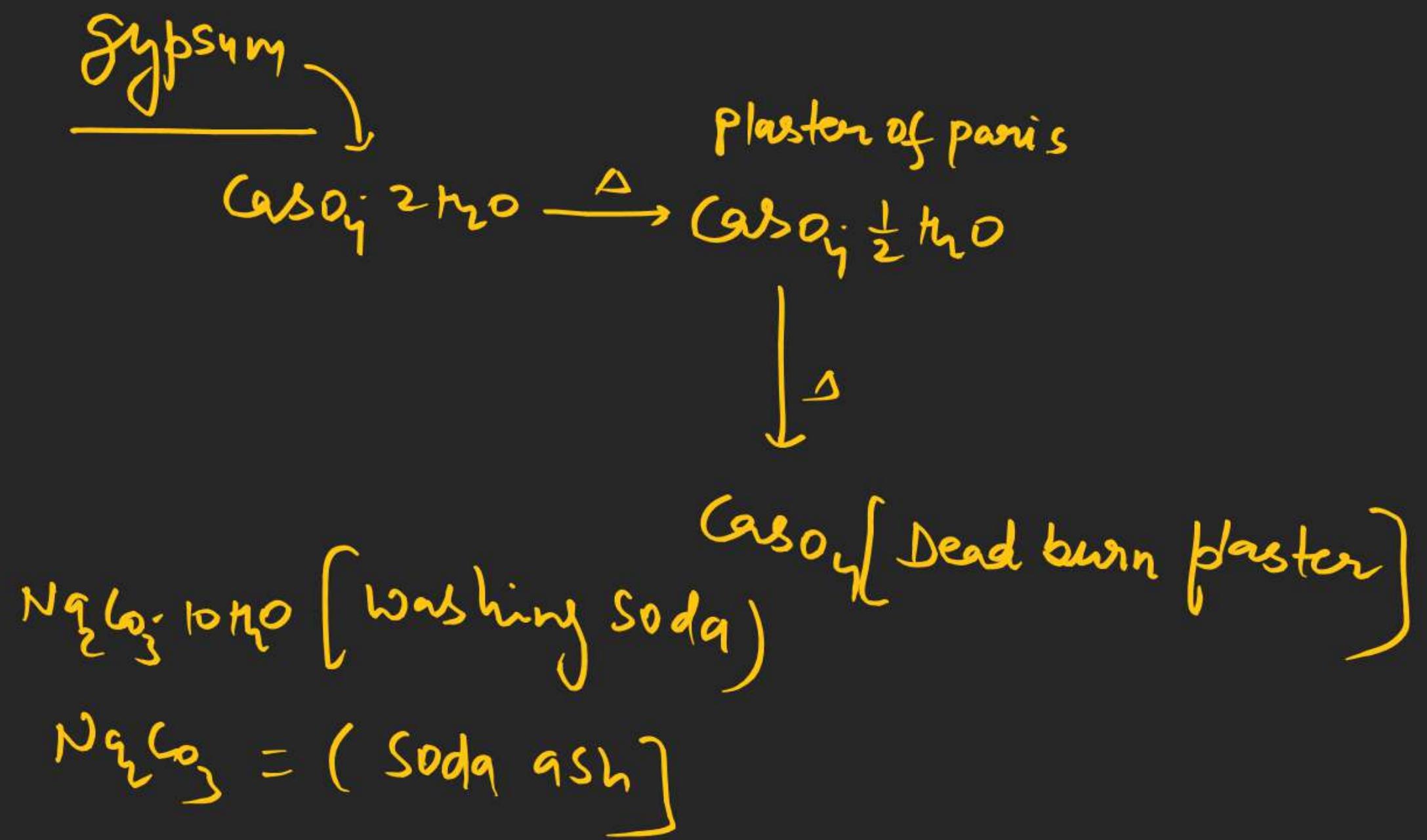
because KMgCO_3
is soluble



Castner Kellner Cell (Prep of NaOH)

Electrolysis of brine solution (NaCl)
with Hg Cathode and graphite anode





$\text{NaHCO}_3 \Rightarrow$ baking soda

$\text{NaHCO}_3 \Rightarrow$ use as fire extinguisher