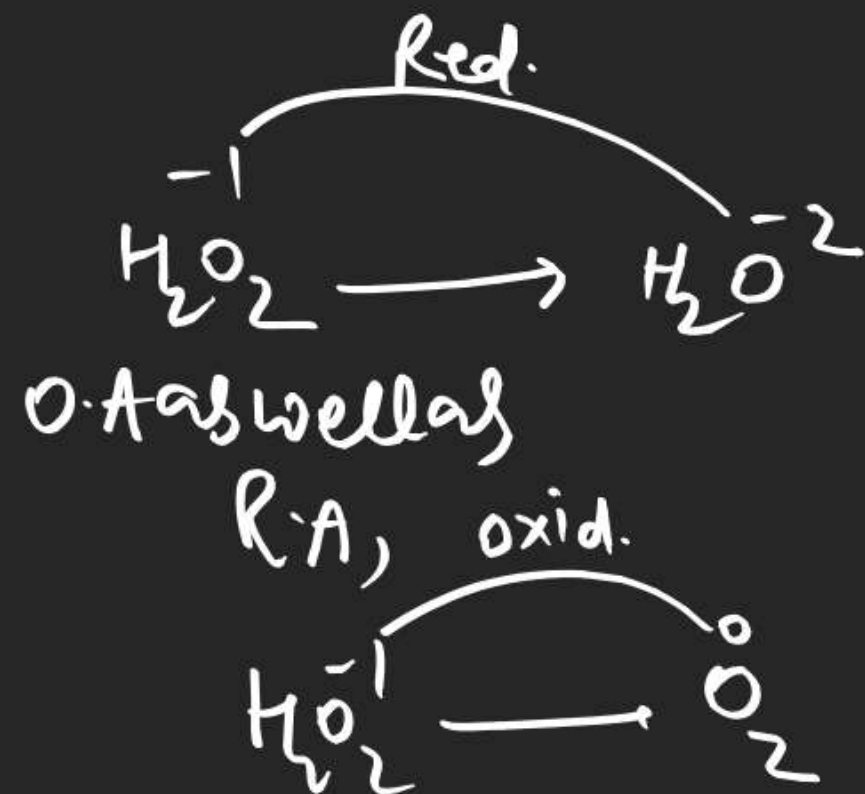
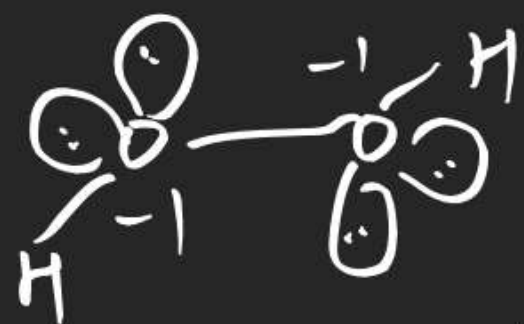
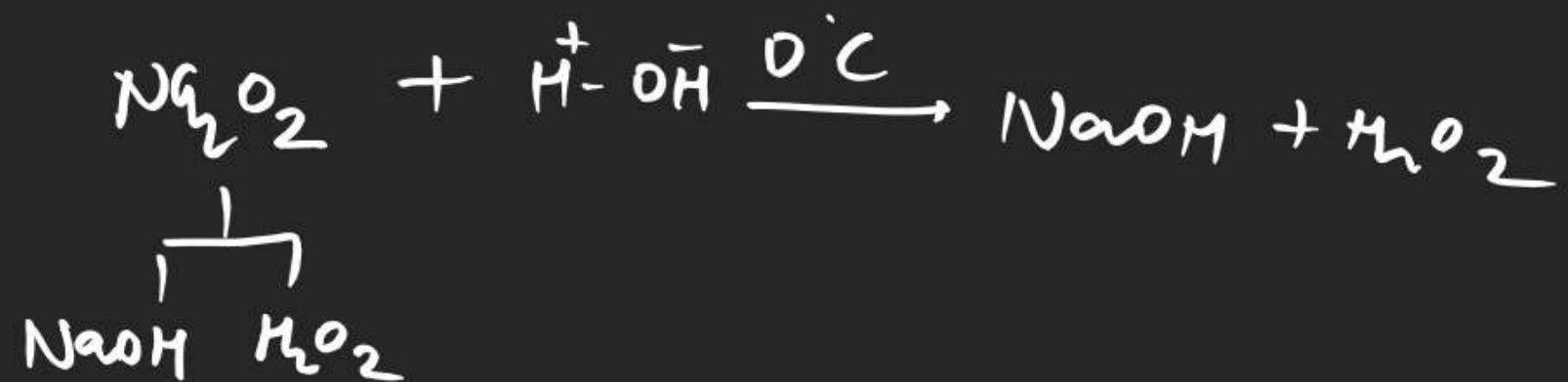


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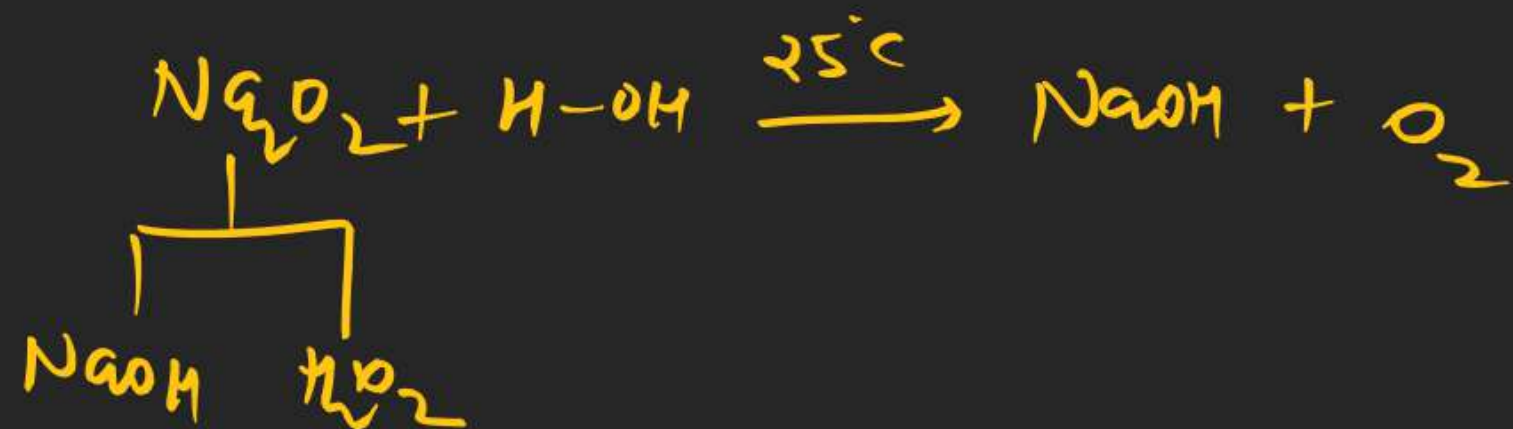
Compound of s-block

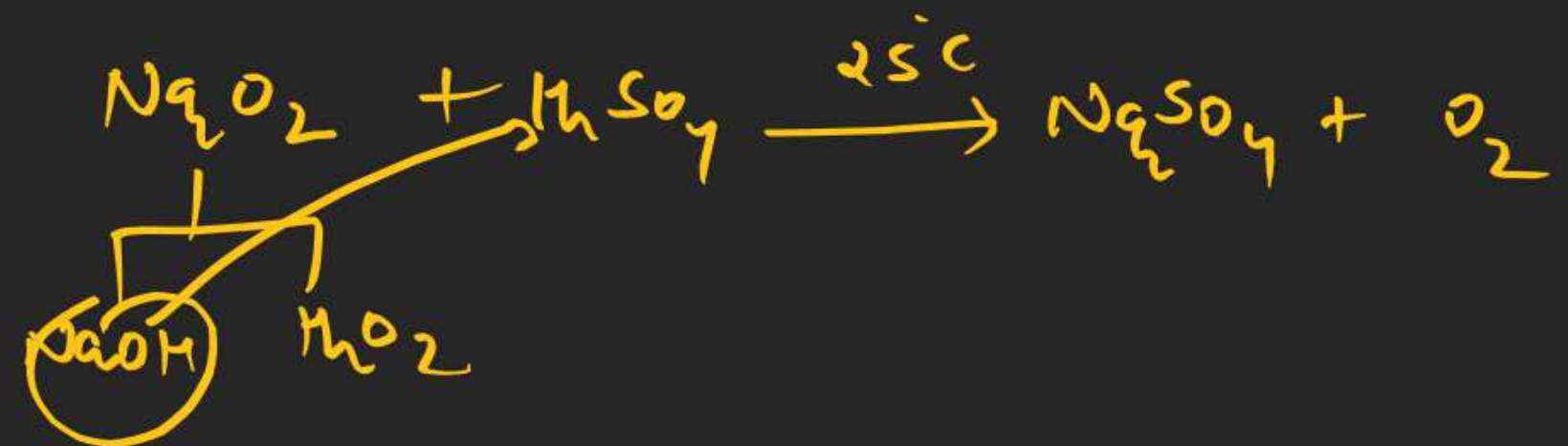
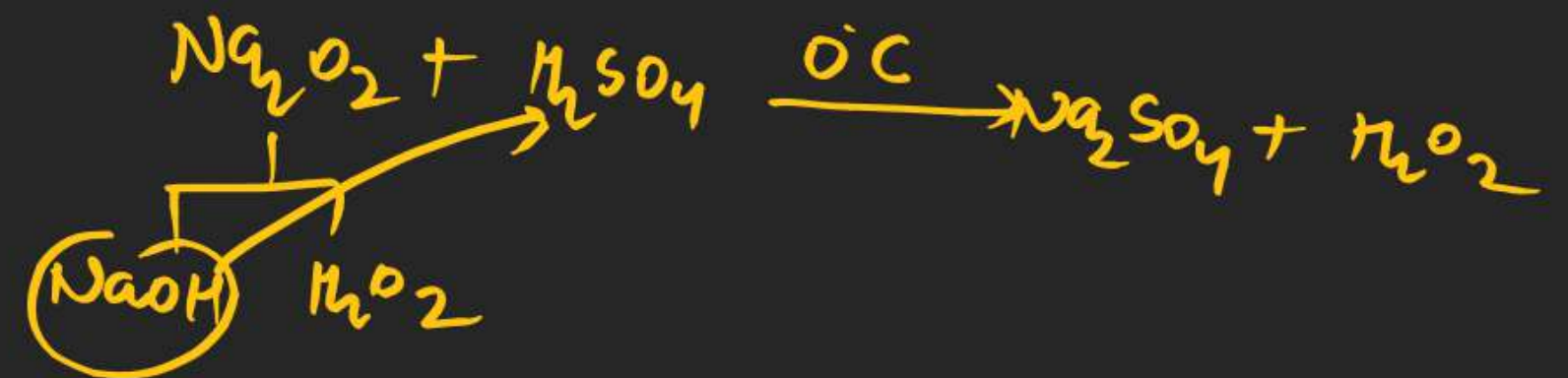


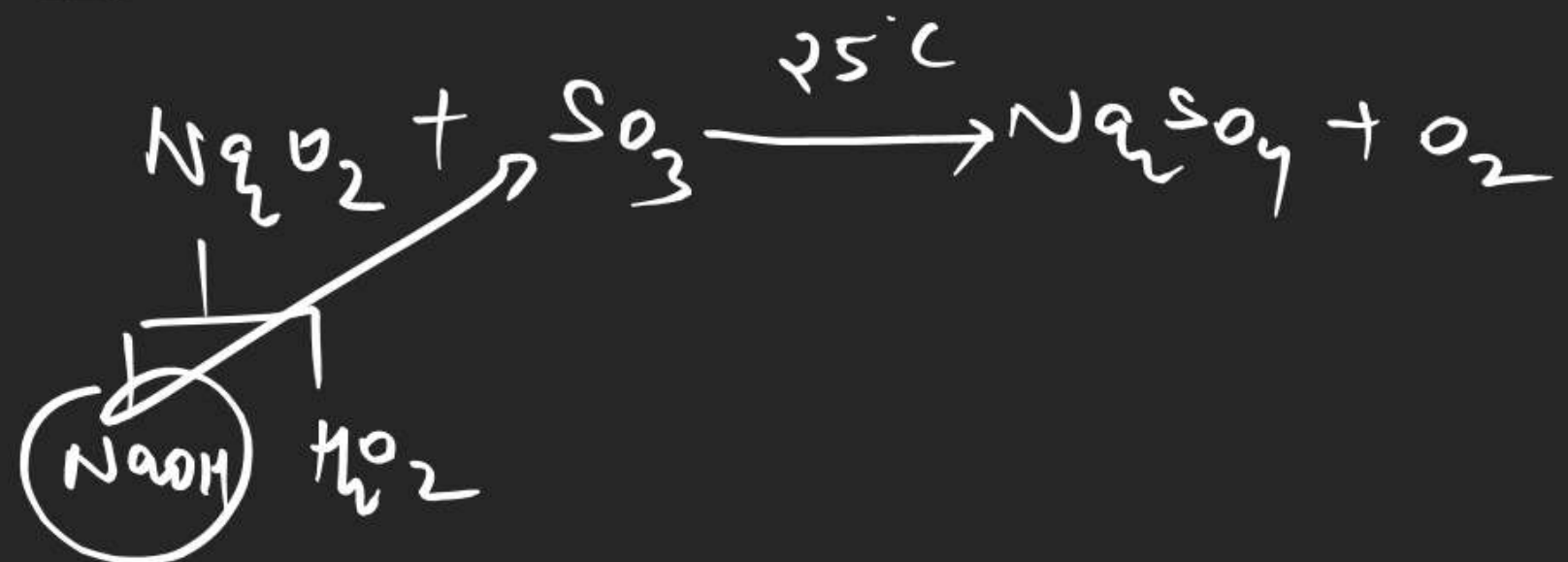
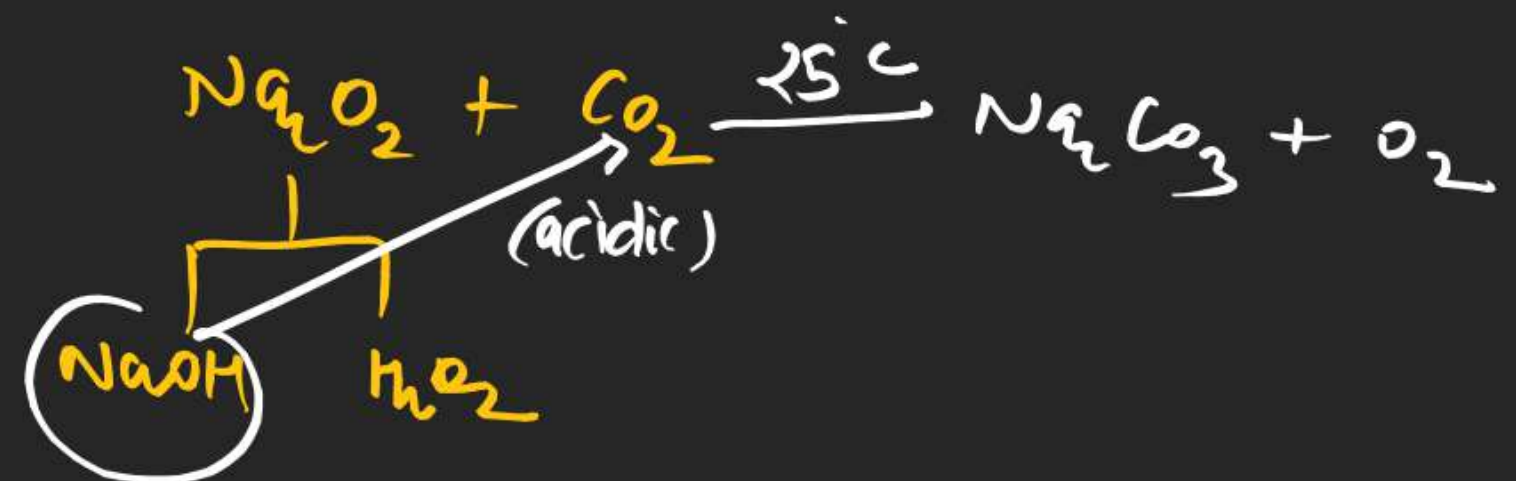
① Pale yellow col.

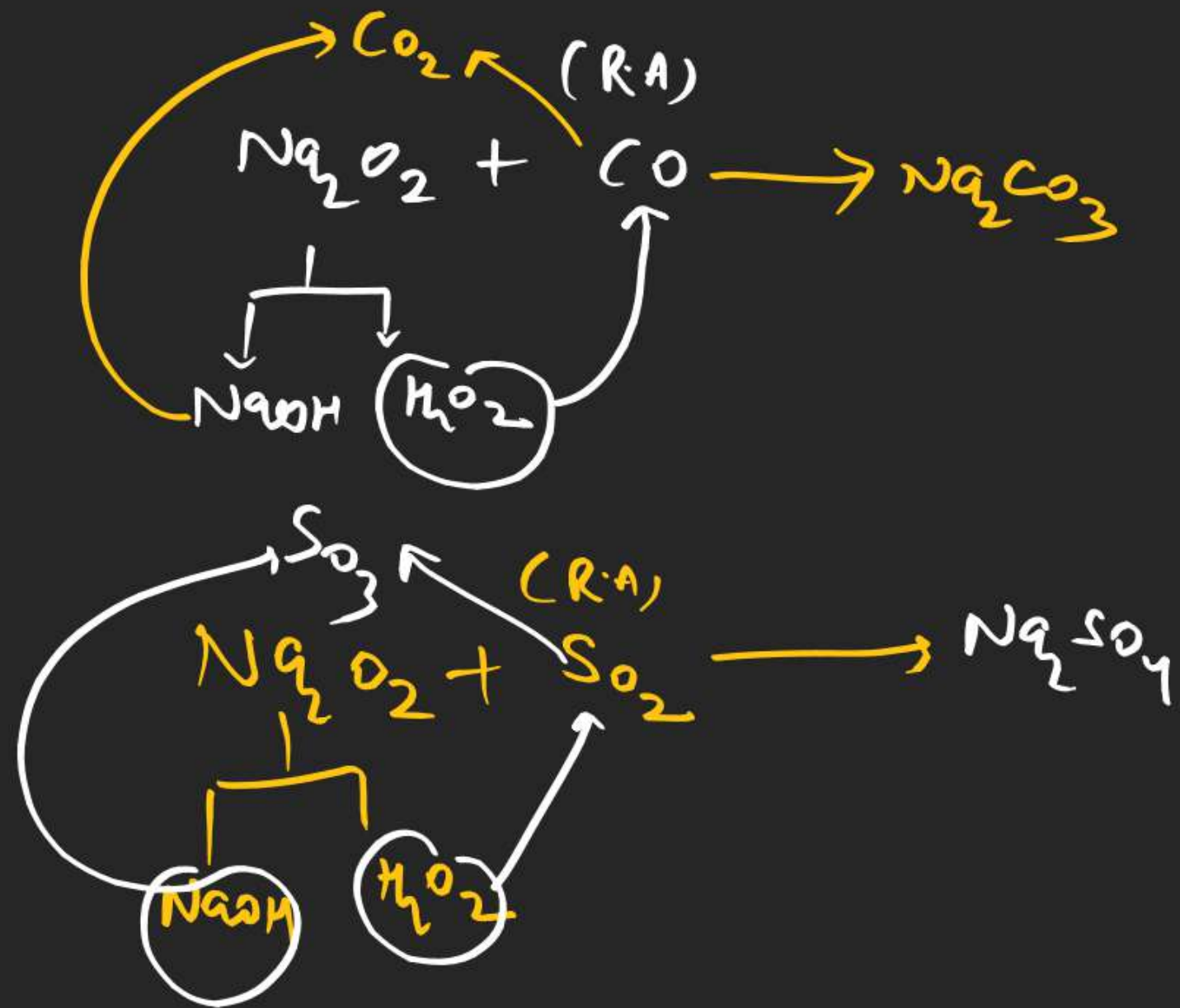


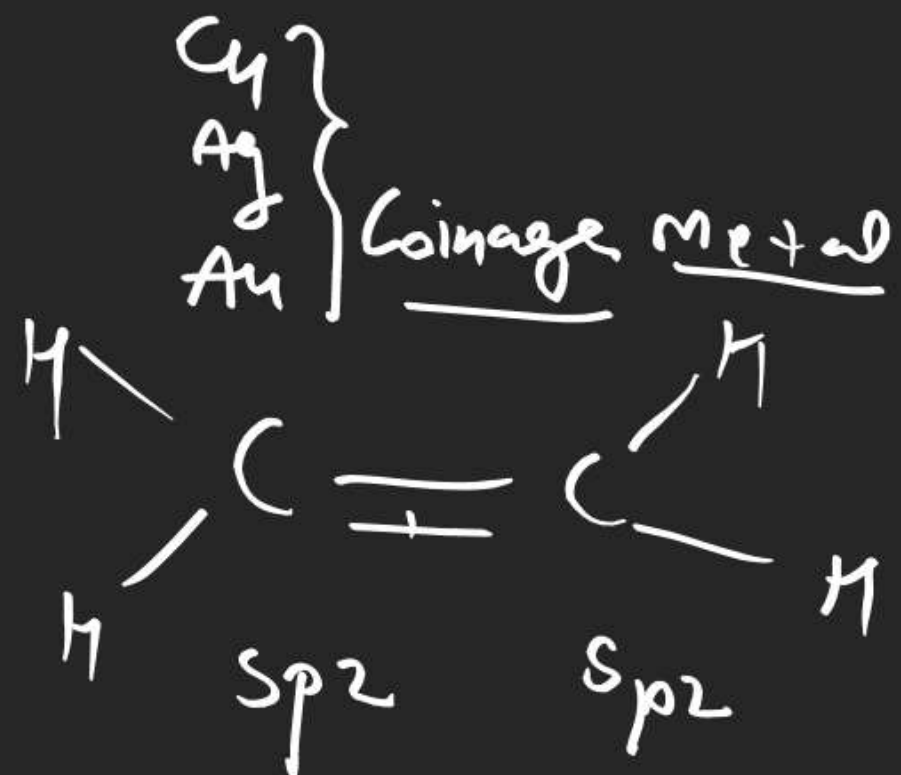
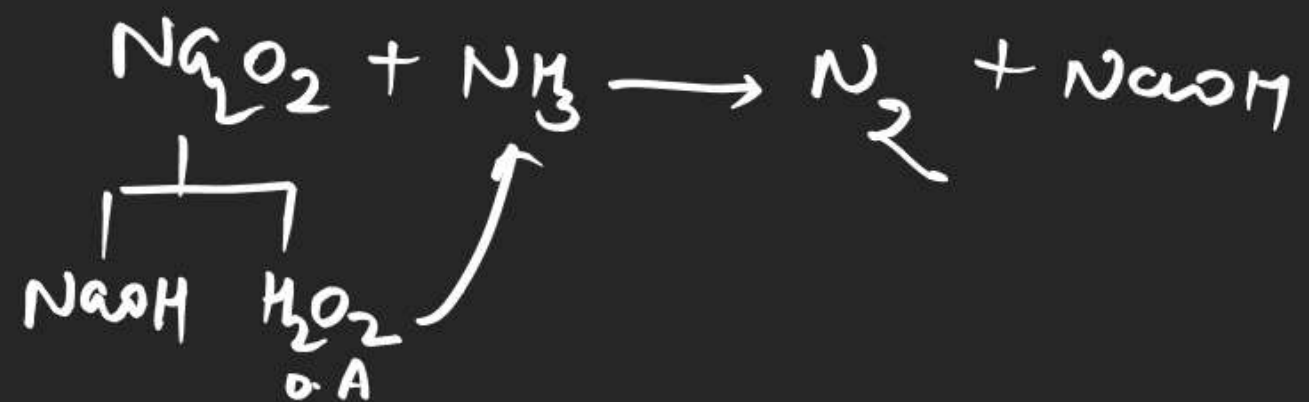
$\text{NaOH} \Rightarrow \text{H}_2\text{O}_2$ 25°C unstable (at room temp.)



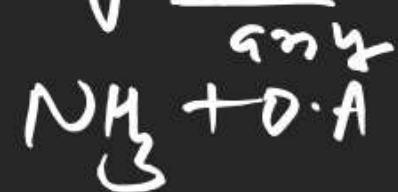








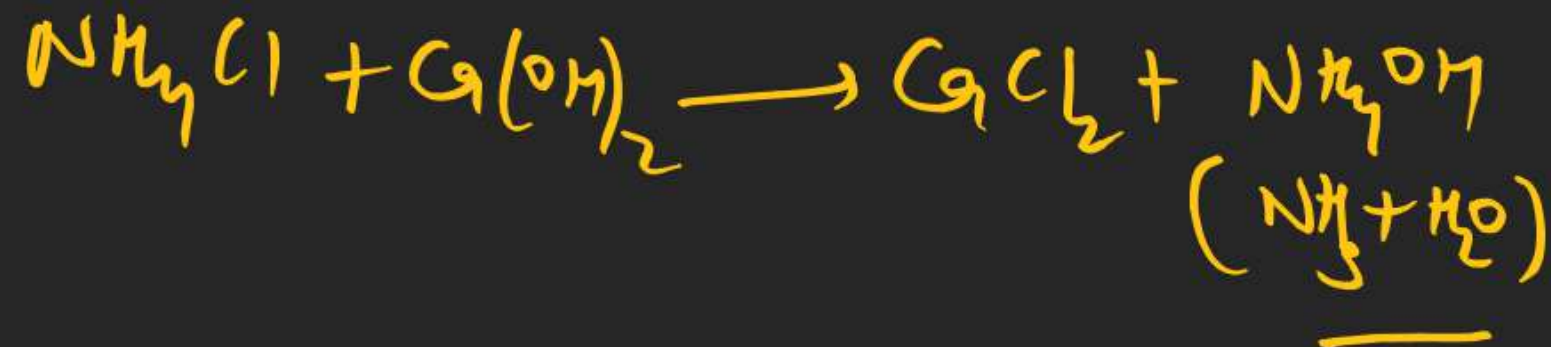
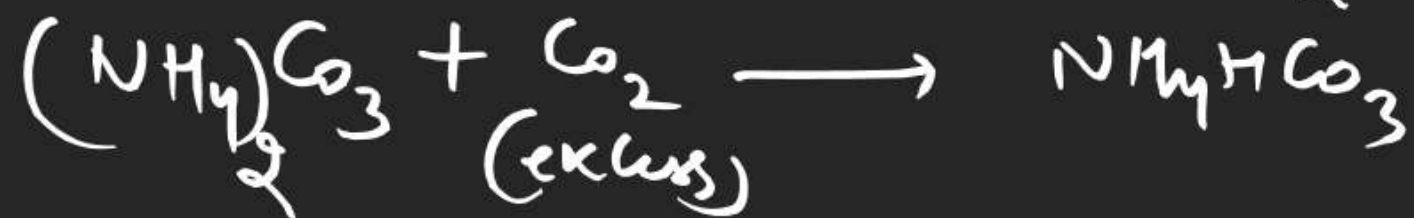
Key point



Solvay process (prep. of Na_2CO_3)

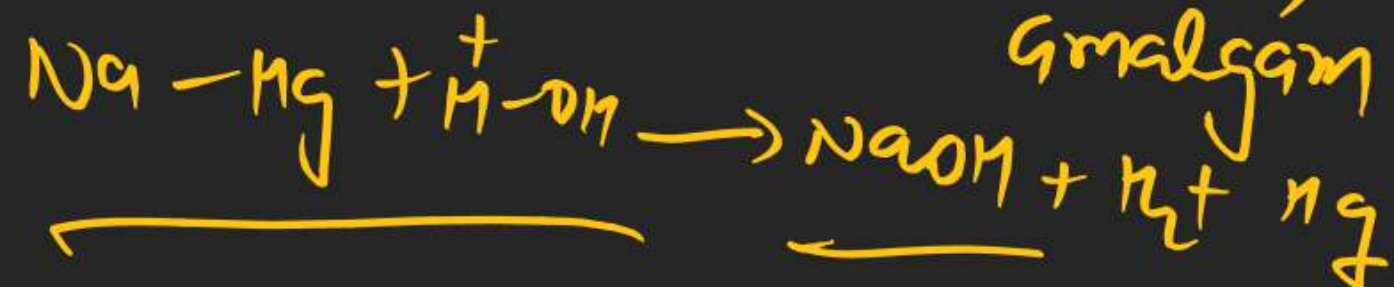
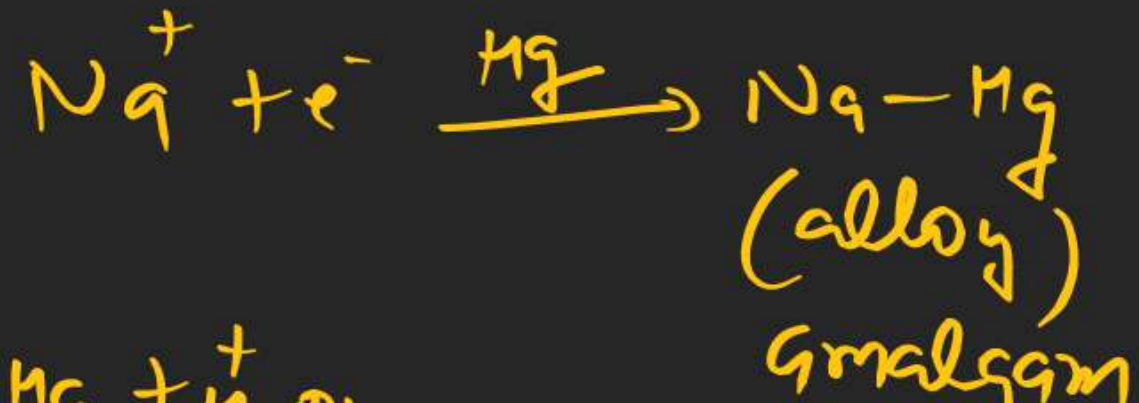
Note \Rightarrow K_2CO_3 is
not produced
by solvay process

because KHCO_3
is soluble

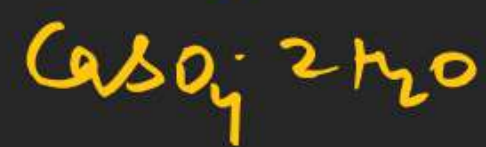


Castner Kellner Cell (Prep of NaOH)

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



Gypsum →



Plaster of Paris



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

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