

Sodium hydroxide

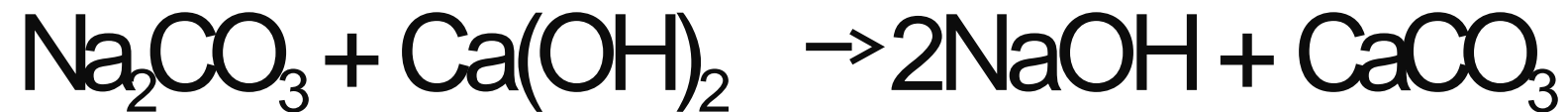
Sodium hydroxide

NaOH / 40

**Syn**: Caustic soda, soda lye

**MOP:**

By treating sodium carbonate  
with lime water



# Properties :-

## a) Physical Properties:

☐ White amorphous pellets

☐ Slight bitter taste

☐ Soluble in water

☐ Soluble in alcohol

☐ Soluble in glycerin

☐ Deliquescent in nature



## b) Chemical Properties:-

### i) Reaction with HCl:

- Sodium hydroxide react with Hydrochloric acid gives sodium chloride & water



**ii) Reaction with carbon dioxide:**

It absorb carbon dioxide from air to form sodium carbonate



## **Uses:**

- > Alkalizing agent
- > Disinfectant for animal houses
- > For preparation of soap
- > Absorb  $\text{CO}_2$  gas
- > Common laboratory reagent

Storage

“ It should be stored in air tight container  
a cool Place.”