

# Sodium Bicarbonate

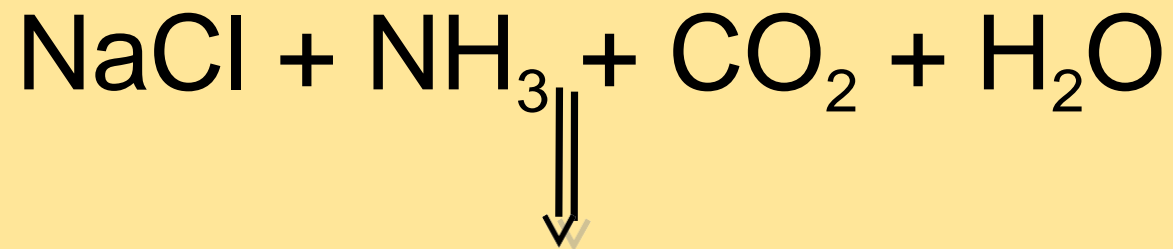
$\text{NaHCO}_3$  / 84.01

**Synonym:**

Sodium hydrogen carbonate

# Method Of Preparation :

By reacting sodium chloride solution, ammonia and carbon dioxide

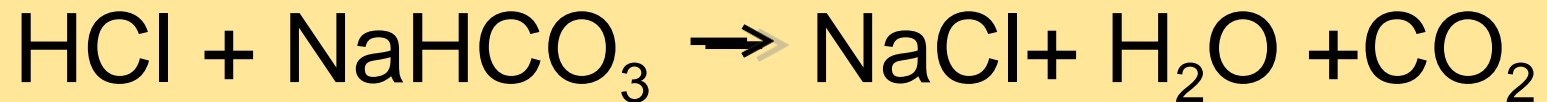


## Physical Properties:

- White crystalline powder
- Saline taste
- Odorless
- Soluble in water
- Insoluble in Ethanol
- Insoluble in Ether
- Aqueous solution is alkaline in nature

## b) Chemical Properties:-

Sodium bicarbonate react with hydrochloric acid gives sodium chloride, water & carbon dioxide



Uses:

- Gastrointestinal agent
- Antacid
- In Electrolyte Repleniser
- Treatment of systemic acidosis
- In eye drops
- In effervescence powder

## Storage

“ It should be stored in well closed container at a cool Place.”