

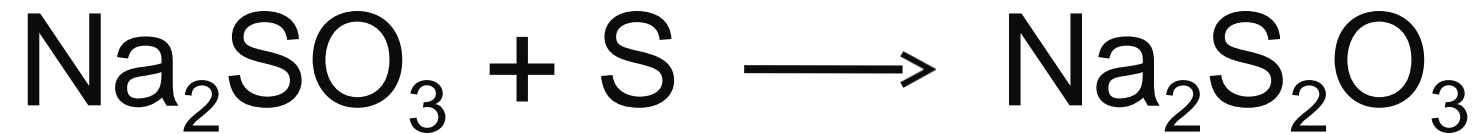
# Sodium thiosulphite

$\text{Na}_2\text{S}_2\text{O}_3$  / 248.18

**Syn: sodium hyposulphite,  
Natrii thiosulfas,  
Antichlor**

## MOP:-

Boiling sodium sulphite with  
sulphur



# Properties :-

## a) Physical Properties:

Colorless Crystalline powder

Odorless

Alkaline taste

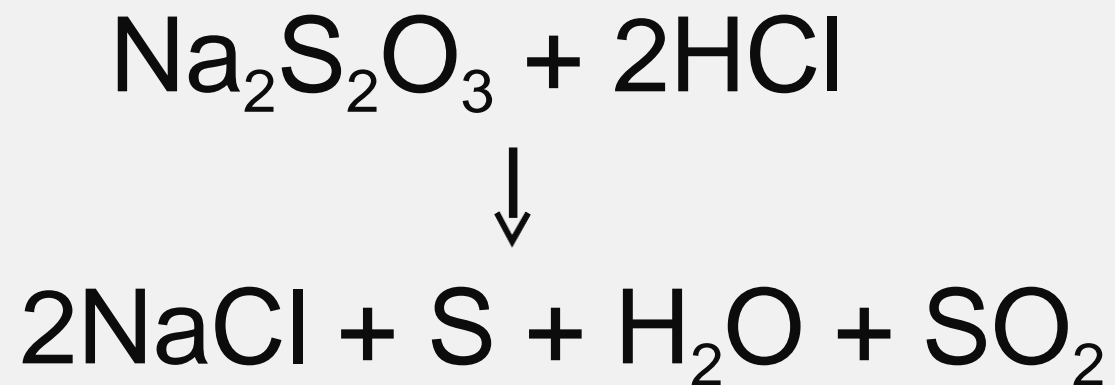
Very soluble in water

Insoluble alcohol

☐ Deliquescent in nature

## **b) Chemical Properties :-**

i) When react with hydrochloric acid  
It gives precipitation of sulphur.



ii) It reduces the iodine to iodide

## Uses:

- Antioxidant
- In preparation of potassium iodide Solution
- Reducing agent
- Used in bleaching operations
- Fixer in photographic work
- As a antidote cyanide poisoning
- Antifungal agent

## Storage

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

## Incompatibility

-metal cations