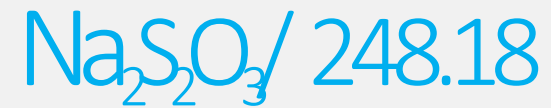


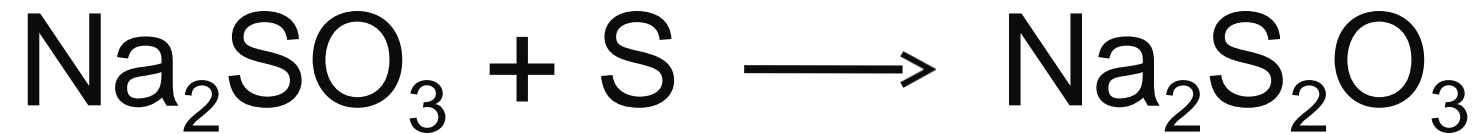
Sodium thiosulphite



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

MOP:-

Boiling sodium sulphite with
sulphur



Properties :-

a) Physical Properties:

Colorless Crystalline powder

Odorless

Alkaline taste

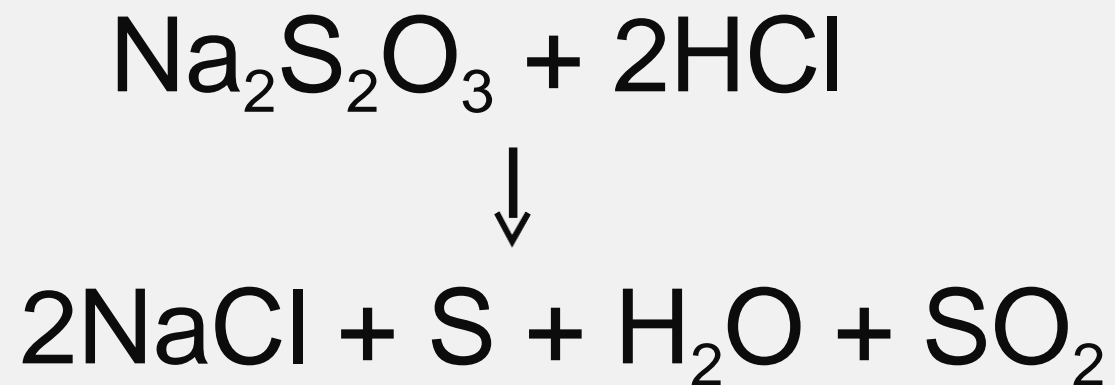
Very soluble in water

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