

Sodium metabisulphite

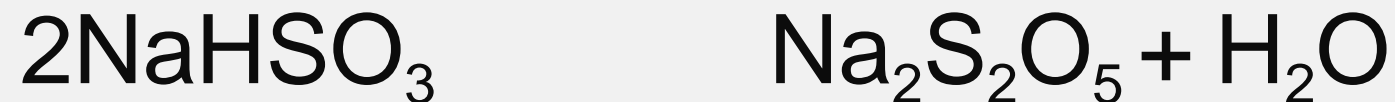
$\text{Na}_2\text{S}_2\text{O}_5$ / 190.10

MOP:

-

By passing sulphur dioxide gas through a hot solution of sodium hydroxide it gives sodium bisulphite it

form sodium metabisulphite
→



Properties :-

a) Physical Properties:

White Crystalline powder

Odour of sulphur dioxide

Acidic taste

Freely soluble in water

soluble in glycerol

Slight soluble in alcohol

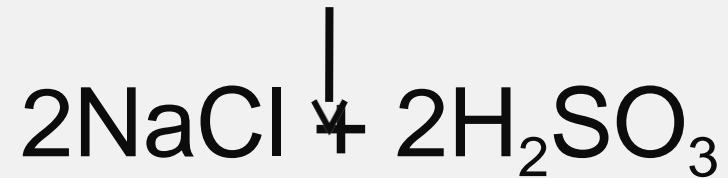
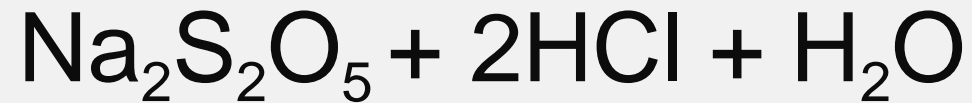
aqueous solution is strongly

acidic in nature

b) Chemical

Properties:-

i) When it reacts with hydrochloric acid gives sodium chloride & sulphurous acid



ii) When exposed to moisture it is slowly converted into sulphate

Uses:

Antioxidant

Various

pharmaceutical preparation

Stabilize injections

Used as Preservative

Antimicrobial agent

Storage

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

Incompatibility

- sodium nitrite
- metal salts