

Sulphur dioxide

Sulphur dioxide

SO₂/ 64.06

MOP:-

**By burning sulphur in air or
in oxygen**



Properties :-

a) Physical Properties:

Colorless gas

Pungent or irritating Odor

tasteless

Dissolve in water

Dissolve in alcohol

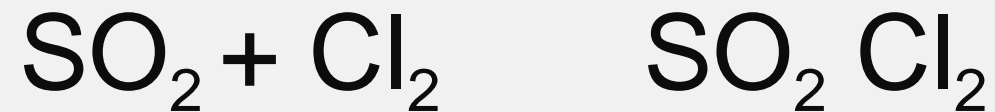
Acidic in nature

Non inflammable gas

b) Chemical Properties :-

i) When react with chlorine it gives

sulphonyl chloride.



ii) It reduces the iodine to iodide.

Uses:

- Antioxidant
- For manufacturing of sulphuric acid
- Remove color from in sugar industry
- Preparation of Soft drinks
- Manufacturing of injections
- Fumigate houses

Storage

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

Incompatibility

- Strong oxidizing agent
- Neutral & alkaline P^H