

# SODIUM METABISULPHITE



CAS Number: 7681-57-4

Other Names: Sodium pyrosulfite; Sodium disulfite; Disodium pyrosulfite

Formula:  $\text{Na}_2\text{S}_2\text{O}_5$

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## PRODUCT INTRODUCTION

Sodium metabisulfite is an inorganic sodium salt composed of sodium and disulfite ions in a 2:1 ratio. Sodium metabisulfite appears as a white crystalline or powder solid with a slight sulfur odor. It is used as a disinfectant, antioxidant, and preservative agent.

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## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Transparency in Water, Slight Turbid
Purity ( $\text{Na}_2\text{S}_2\text{O}_5$ )	97.33 %
Iron (Fe)	0.002 %
Heavy Metals (Pb)	0.0002 %
Arsenic (As)	0.0001 %

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## APPLICATIONS

- Sodium metabisulfite is used in Food industry as preservative in fruits and starch and as an enzyme inhibitor in melanin formation (black and brown spots).
- It is also used in treatment of waste water as an antichlor and in the detoxification of cyanide and chromate
- It is widely used in Textile industry for bleaching wool and jute.
- It is used in tint etching iron-based metal samples for microstructural analysis.
- In photography as a reductant, and as a preservative for thiosulfate fixing baths

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## PACKAGING OPTIONS

Drums

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