

## TECHNICAL DATA SHEET

# Sodium Nitrite

White to slightly yellow crystalline powder for corrosion inhibition in closed-loop cooling and boiler water systems. Also used in food preservation, chemical synthesis, pharmaceuticals, and textile dyeing.

### Typical Properties

Chemical formula	NaNO <sub>2</sub>
CAS number	7632-00-0
Appearance	White to slightly yellow crystalline powder
Concentration / assay	>= 98.5% NaNO <sub>2</sub>
Specific gravity (20 degC)	2.17 (solid)
pH	8.0-9.0 (1% solution)
Solubility	Water soluble
Shelf life	24 months
Storage	Dry, cool place

### Applications

- Closed-loop cooling
- Food preservation
- Chemical synthesis
- Textile dyeing

### Packaging

- 25kg bags
- 50kg bags
- Bulk

### Certifications / Registrations

ISO 9001 - Food Grade

Values shown are typical properties, not a sales specification. A Certificate of Analysis (CoA) accompanies every shipment. Safety Data Sheets (SDS) are available on request via [www.chimiart.com](http://www.chimiart.com) or [info@chimiart.com](mailto:info@chimiart.com).

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