



Sodium Thiocyanate

98% Powder

CAS Number: 540-72-7

Chemical Formula: NaSCN

Sodium Thiocyanate 98% Powder is an odorless white crystalline powder produced via a proprietary process using treated municipal wastewater. It is primarily used in cold-weather concrete admixtures to accelerate hardening and also finds applications in electroplating, corrosion inhibition, and pesticide formulations.

KEY FEATURES

- High purity ($\geq 98\%$) ensures consistent performance
- Accelerates cement hydration in low-temperature environments
- Excellent solubility and low moisture content
- Tight control of impurities (iron, sulfate, chloride)
- Suitable for industrial, construction, and agricultural applications

APPLICATIONS

- Concrete admixtures for cold weather curing
- Electroplating baths as a complexing agent
- Corrosion inhibitor formulations
- Dye and textile processing
- Pesticide and herbicide formulations
- Specialty chemical synthesis

TYPICAL PROPERTIES

Parameter	Specification
Sodium thiocyanate (%)	≥ 98.0
Moisture (%)	≤ 1.0
pH (5% solution)	6.0 – 8.0
Sulfate (%)	≤ 0.2
Chloride (%)	≤ 0.06
Iron (%)	≤ 0.0005
Water insoluble matter (%)	≤ 0.006
Heavy metals (%)	≤ 0.001





**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

Available in 25 kg bags and bulk super sacks.

STORAGE & HANDLING

Store in a cool, dry, well-ventilated area, away from direct sunlight. Keep packaging tightly sealed when not in use to avoid moisture absorption and contamination.

SAFETY

Before handling, please refer to the Safety Data Sheet (SDS) for proper protective measures, hazard information, and first aid guidance.