



Sodium Thiocyanate

50% Solution

CAS Number: 540-72-7

Chemical Formula: NaSCN

Sodium Thiocyanate 50% solution is a clear, colourless liquid produced via a proprietary process using treated municipal wastewater. It is primarily used in construction and industrial applications for its accelerating and corrosion-inhibiting properties.

KEY FEATURES

- Cold Weather Accelerator – Enhances early strength development in concrete at low temperatures
- Corrosion Inhibition – Reduces corrosion risk in steel reinforcement and metallic surfaces
- Versatile Use – Applicable in construction, electrochemical, and agricultural sectors
- High Purity – Low levels of chloride, sulfate, and heavy metals
- Sustainable Production – Manufactured from treated municipal wastewater

APPLICATIONS

- Concrete admixtures (accelerator, especially in cold weather)
 - Corrosion inhibitor
 - Electroplating processes
 - Pesticide and chemical formulations
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TYPICAL PROPERTIES

Parameter	Specification
Sodium Thiocyanate (%)	≥ 50.0
Moisture (%)	≤ 50.0
pH (5% solution)	6.0 – 8.0
Sulfate (%)	≤ 0.04
Chloride (%)	≤ 0.02
Iron (Fe) (%)	≤ 0.0002
Water Insoluble Matter (%)	≤ 0.001
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 1300 kg IBC totes and bulk liquid tanker.

STORAGE & HANDLING

Store in original, sealed containers in a cool, dry, well-ventilated area away from direct sunlight and incompatible materials. Avoid contact with acids and strong oxidisers.

HEALTH & SAFETY

Refer to the Safety Data Sheet (SDS) before handling. Use appropriate PPE and observe standard chemical handling precautions.