

SODIUM THIOCYANATE



CAS Number: 540-72-7

Other Names: Sodium rhodanide; Sodium sulfocyanate; Sodium rhodanate;
Thiocyanic acid, sodium salt

Formula: NaSCN or CNNaS

PRODUCT INTRODUCTION

Sodium thiocyanate is monosodium salt of thiocyanic acid. It appears as white colourless, deliquescent crystals and it is freely soluble in water ethanol and acetone.

PHYSICAL AND CHEMICAL PROPERTIES

NaSCN (Drying) (%)	99.12
Appearance	White Crystalline
pH Value in Water (5g/100mL)	7.0
Sulfate (SO ₄) (%)	0.014
Chloride (Cl) (%)	0.012
Insoluble in Water (%)	0.002
Heavy Metal (Pb) (%)	0.0011
Iron (Fe) (%)	0.00014
Moisture (%)	0.70

APPLICATIONS

- Sodium thiocyanate is used in the agrochemicals industry, for herbicides and fungicides.
 - It is also used in the fibre industry, as a spinning solvent for polyacrylonitril (PAN)
 - In the construction industry, as a hardening accelerator for cement and concrete mixes
 - It also acts as de-icing fluids for airplanes to increase the melting performance of the liquid and increasing passenger safety in the skies
 - Sodium thiocyanate is used in the production of solid-cell batteries and ink for ink-jet printers
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PACKAGING OPTIONS

Drums

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