

Potassium Thiocyanate

Water-soluble thiocyanate salt for qualified electroplating and chemical processes.

CAS No. 333-20-0	EC / List No. 206-370-1	Transport Non-dangerous goods
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Product Information

Water-soluble thiocyanate salt for qualified electroplating and chemical processes.

Specifications

Parameter	Specification
Appearance	White crystals
KSCN, dry basis	≥99.0 %
pH, 50 g/L aqueous solution	6.0–6.8
Sulfate, as SO ₄	≤0.04 %
Chloride, as Cl	≤0.04 %
Ignition residue	≤0.02 %
Moisture	≤1.0 %

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	KSCN
Molecular weight	97.18 g/mol

Applications

Electroplating process development: Thiocyanate salt for selected electroplating and surface-treatment chemistry.

Chemical intermediate manufacture: Feedstock for technically controlled thiocyanate and related chemical processes.

Ferric-ion and steel analysis: Reagent for qualified ferric-ion colour development and selected steel-analysis procedures.

Packaging / Storage

Item	Information
Packing	25 kg lined bags
Storage	Keep tightly sealed in a cool, dry, ventilated area with controlled access. Segregate from acids and strong oxidizers; acid contact can release very toxic gas.
Handling	Use effective dust extraction and avoid inhalation, ingestion and skin contact. Wear suitable chemical-resistant gloves, protective clothing and tight goggles; keep eyewash facilities accessible.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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