

Stannous Sulfate

High-assay tin(II) salt for acidic tin electroplating, aluminium colouring and specialty chemical processing.

CAS No. 7488-55-3	EC / List No. 231-302-2	Transport Class 8 — Corrosive
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Product Information

High-assay tin(II) salt for acidic tin electroplating, aluminium colouring and specialty chemical processing.

Specifications

Parameter	Specification
Appearance	White crystals or crystalline powder
Assay	≥99.0 %
HCl-insoluble matter	≤0.005 %
Chloride	≤0.005 %
Iron	≤0.005 %
Lead	≤0.02 %
Alkaline and alkaline-earth metals	≤0.10 %

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

Typical Properties

Property	Typical Value
Molecular formula	SnSO ₄
Molecular weight	214.77 g/mol

Applications

Acidic tin electroplating: Tin source for qualified acidic plating baths and bright tin deposition on electronic components.

Aluminium electrolytic colouring: Ingredient for technically supervised electrolytic colouring of aluminium profiles.

Printing, dyeing and chemical processing: Mordant or tin intermediate for selected industrial processes.

Packaging / Storage

Item	Information
Packing	25 kg or 50 kg drums
Storage	Store tightly closed, dry and under controlled access in a cool, ventilated area. Use corrosion-resistant non-metal containers or compatible protective liners. Protect from moisture and strong oxidizing agents.
Handling	Use effective local exhaust ventilation and avoid airborne dust. Wear chemical-resistant gloves, splash goggles and protective clothing. Use suitable particulate respiratory protection where exposure assessment requires it; keep eyewash and washing facilities accessible.

Company Contact

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