

# Stannous Sulfate

## Product data

Chemical formula	SnSO <sub>4</sub>
Molecular weight	214.7
Density	4.1 g/cm <sup>3</sup> (20°C=293K)
Bulk density	Approx.1.77 g/cm <sup>3</sup>
Solubility	Soluble in water and most diluted acids; decomposes in alkali-hydroxide solutions
Appearance	White crystals

## Analysis

Purity	≥99%
Tin( II ) content	≥54.5%
HCL Insolubles	≤0.005%
Chloride content	≤0.005%
Fe content	≤0.005%
Pb content	≤0.02%
Alkline earth metals	≤0.10%

## Application

Anodizing industry:

- for electrolytic colouring of anodized aluminium

Electroplating industry:

- for metal surface treatment in tin plating bathes

Chemical industry:

- for the production of tin chemicals

## Storage

If kept dry and tightly closed in the original packaging at room temperature, Stannous sulfate has a self life of at least 2 years.

## Packaging

25kg/drum

## Special advice for security

Information concerning:

- classification and labelling according to the regulations governing transport and hazardous chemicals
  - protective measures for storage and handling
  - safety measures in case of accident and fire
  - toxicity and ecological effects
- are given in our material safety data sheets.