

Technical Data Sheet

 **NAEWAI CORPORATION**

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Stannous sulfate

Product Identification

Product name : Stannous sulfate
Chemical Formula : SnSO_4
CAS No. : 7488-55-3

Physical and Chemical Properties

Property	Value / Description
Purity	98% min
Physical State	Solid
Color	White or Yellow
Specific gravity	4.15 g/cm ³
Melting Point	378 °C
Solubility in Water	33 g/100g (at 25 °C)
Stability	Stable, but moisture sensitive; incompatible with strong oxidizers
Reactivity	Reacts with strong oxidizers and acids; toxic material

Applications

Tin plating baths, precursor for tin metal, reducing agent in analytical chemistry, electrolyte additive in batteries, cement retardant, mordant in textile industry

Packing

20kg net in sealed containers

Shipping Regulations

UN No. 3077

Safety Information

Causes severe skin burns and eye damage. May cause an allergic skin reaction. Fatal if inhaled.
Harmful if inhaled. May cause respiratory irritation.
May cause damage to organs through prolonged or repeated exposure.
Harmful to aquatic life with long lasting effects.