

Stannous Pyrophosphate

Product data

Chemical formula	Sn ₂ P ₂ O ₇
Chemicals name	Stannous pyrophosphate
Molecular weight	411.4 g/mol
Density	4.0 g/cm ³ (20°C)
Appearance	White powder
Solubility	Soluble in most acids;decomposes in alkali hydroxide solutions

Analysis

Purity	≥99.0%
Sn	≥57.0%
Pb	≤25ppm
As	≤5ppm
Fe	≤50ppm
Acid insoluble	≤0.10%

Application

Dentifrice industry

- Tooth plaque inhibition

Electroplating industry

- For cyanide-free plating of tin-nickel or tin-copper-zinc alloys

Storage

Stannous pyrophosphate has a shelf of min.2 years if stored correctly in its original packaging

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.

