

Sodium Hypophosphite

High-Performance Reducing Agent for Precision Chemical Processes

Sodium hypophosphite is a highly effective reducing agent widely used in electroless nickel plating and other precision-driven industrial processes. Known for its ability to enable controlled chemical reactions, sodium hypophosphite supports consistent performance, material quality, and process reliability across multiple applications.

SMC Global is a trusted supplier of high-quality sodium hypophosphite, supported by reliable logistics and technical expertise.

Why Choose Sodium Hypophosphite?

- Highly effective reducing agent for controlled reactions
- Enables uniform and consistent metal deposition
- Supports process stability and repeatability
- Reliable performance across industrial applications

Key Uses

Electroless Nickel Plating

Sodium hypophosphite is primarily used as a reducing agent in electroless nickel plating, enabling uniform metal deposition without the need for external electrical current.

It supports:

- Consistent coating thickness
- Enhanced corrosion resistance
- Improved wear properties
- Strong adhesion across complex geometries

Polymer Stabilization

Used as a stabilizer in polymer production, helping improve material consistency and long-term performance.

Water Treatment

Supports chemical processes in water treatment applications where controlled reduction reactions are required.

Chemical Manufacturing & Intermediates

Functions as a reducing agent in specialty chemical synthesis, contributing to efficient and controlled production processes.

Textile Processing

Used in textile applications to support chemical treatments and material performance.