

Phosphorous Acid Crystal (PAC)

High-Purity Reducing Agent & Chemical Intermediate

Phosphorous acid crystal is a white, crystalline solid widely used as a reducing agent, chemical intermediate, and stabilizer in industrial, agricultural, and water treatment applications. Known for its high reactivity and reliability, phosphorous acid plays a critical role in performance-driven chemical processes.

SMC Global is a trusted supplier of high-quality phosphorous acid crystal, supported by dependable logistics and technical expertise.

Why Choose Phosphorous Acid Crystal?

- High chemical purity and consistency
- Effective reducing agent
- Excellent solubility in water
- Reliable performance across industrial applications

Key Uses

Chemical Manufacturing & Intermediates

Used as a reducing agent and intermediate in the production of phosphites, specialty chemicals, and polymers.

Water Treatment

Acts as an oxygen scavenger and corrosion inhibitor precursor in industrial water treatment formulations.

Agrochemicals

Used as a chemical intermediate in the manufacture of agricultural products and plant nutrition formulations.

Plastics & Polymers

Functions as a stabilizer and intermediate in polymer manufacturing, improving performance and durability.

Metal Treatment & Surface Finishing

Used in metal processing applications to support surface preparation and corrosion control.