

PHOSPHORIC ACID

Raw material for many sectors of industry

Chemical name: **Phosphoric acid-**
Ortho phosphoric acid

Chemical formula: H₃PO₄ 75 - 85%

Molecular weight: 97.97g/mol

Product specification:

Physical state at 20°C	colorless viscous liquid
Freezing point °C	+21°C (85%) -20°C (75%)
Density mass (g/cm ³) 20°C	1.684 (85%) 1.589 (75%)
Solubility in water (% weight)	completely soluble
H ₃ PO ₄ (% weight)	85 - 75
Fe (ppm)	20max

Properties:

Phosphoric acid used in the manufacturing of phosphates, such as salts, soaps, and detergents; fertilizers; yeast; fire control agents; opal glass; electric lights; dental cements; waxes and polishes; gelatin; ethylbenzene, propylene and cumene; soft drinks. It is used as an acid catalyst, soil stabilizer, antioxidant in food, acidulant and flavor agent in jellies and preserves.

Phosphoric acid used in the polishing of metals, cotton dyeing, tile cleaning, ceramic binding, water treatment.

Storage:

Keep containers tightly closed.
Provide sufficient heating to prevent crystallization.

Safety:

Causes severe burns.
During the handling of this product the data and reference in the safety data sheet are to be considered.