

## SPECIFICATION OF PHOSPHORIC ACID

**Product Name:** Phosphoric Acid

**CAS NO.:** 7664-38-2

**UN NO.:** 1805

**Molecular Formula:**  $\text{H}_3\text{PO}_4$

**Molecular Weight :** 97.99

**Melting Point:** 42.4 °C (Pure  $\text{H}_3\text{PO}_4$ )

**Boiling Point:** 260 °C

**Specific Gravity:** 1.87

**Flash Point:** None

**Solubility in Water:** Miscible

**Specification:**

ITEMS	SPECIFICATIONS
Purity( $\text{H}_3\text{PO}_4$ ) %	≥85.00
Arsenic(As) PPM	≤0.5
Chloride(Cl) PPM	≤5
Sulfate( $\text{SO}_4$ ) PPM	≤50
Heavy metals(as Pb) PPM	≤5
Fe PPM	≤20
Fluorine(F) PPM	≤10
Chroma HAZEN	≤20
Matters Easy to be Oxidized(as $\text{H}_3\text{PO}_3$ ) PPM	≤120

**Package:** in 35kg or 330kg drum or in 1400kg or 1600kg IBC

**Usage:** as food acidulant yeast nutrient; in manufacturing phosphate salts.

**Storage:** Keep from sunlight; must be stored in an odor-free environment, low humidity condition are recommend to minimize caking/degradation potentials