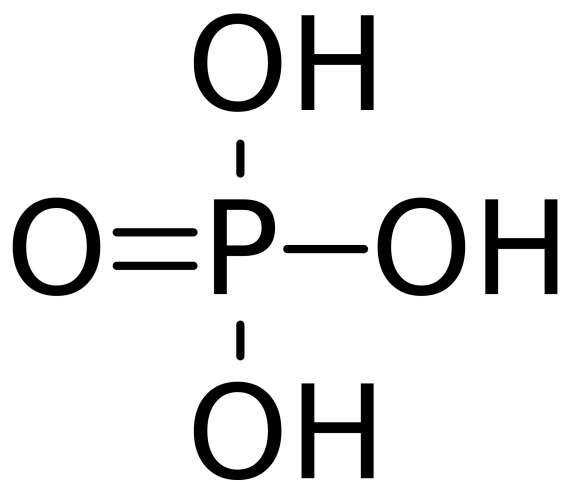


h1>Phosphoric acid 85 % [7664-38-2]



CAS number: **7664-38-2**

Summary formula: **H3PO4**

Molar mass: **97.995 g / mol**

Synonyms: **phosphoric acid**

Translation [ENG]: **Phosphoric acid**

Application: **Orthophosphoric acid is used as a food additive, intermediate, laboratory reagent, descaling solvent, corrosion inhibitor, pH adjusting agent, degreasing agent, fertilizers.**

VARIATIONS

Image	Price	Pack size
$\begin{array}{c} \text{OH} \\ \\ \text{O}=\text{P}-\text{OH} \\ \\ \text{OH} \end{array}$	£199,50 gross £162,20 netto	25 l

PRODUCT DESCRIPTION

Orthophosphoric acid 85% [7664-38-2]

Orthophosphoric acid is used as a food additive, intermediate, laboratory reagent, descaling solvent,

corrosion inhibitor, pH adjusting agent, degreasing agent, fertilizers.

Physical description. Clear, colorless liquid

Lead (Pb) \leq 0.5 ppm

Arsenic (As) \leq 0.5 ppm

Fluorine (F) \leq 10 ppm

Cadmium (Cd) \leq 0.2 ppm

Mercury (Hg) \leq 0.05ppm

Heavy metals (as Pb) \leq 5 ppm

Iron (Fe) \leq 5 ppm

Copper (Cu) \leq 1ppm

Nickel (Ni) \leq 1ppm

Chlorine (Cl) \leq 10 ppm

Sulphate (SO₄) \leq 350 ppm

Volatile acids \leq 10 ppm (as acetic acid)

Nitrates \leq 5 ppm (as NaNO₃)

Density 1.685 - 1.697 g / cm³ (20 ° C)

Hazard pictograms

Labels for hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effects, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)