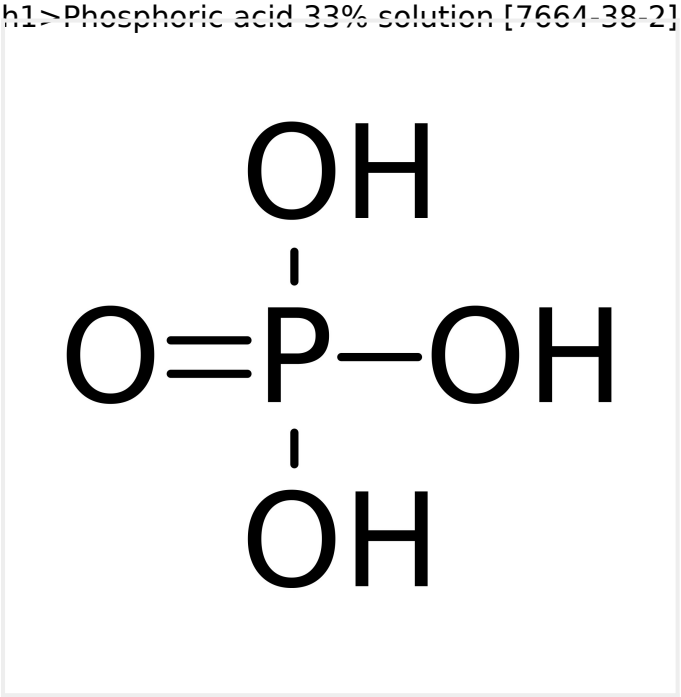
h1>Phosphoric acid 33% solution [7664-38-2]



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

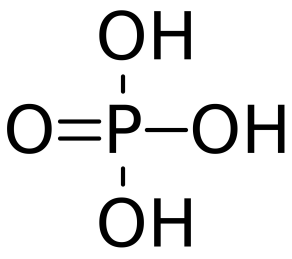
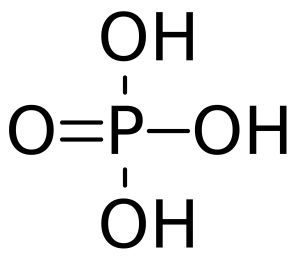
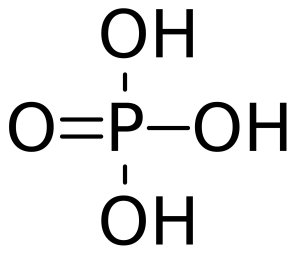
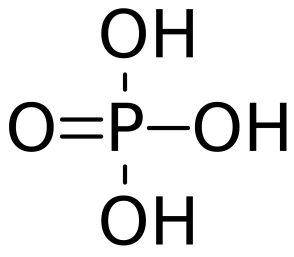
Image	Price	Pack size
	£20,90 gross | £16,99 netto	1 l

Image	Price	Pack size
	£95,00 gross | £77,24 netto	5 l
	£190,00 gross | £154,47 netto	10 l
	£353,40 gross | £287,32 netto	20 l

PRODUCT DESCRIPTION

Orthophosphoric acid 33% solution [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) ≤ 0.5 ppm
Arsenic (As) ≤ 0.5 ppm
Fluorine (F) ≤ 10 ppm
Cadmium (Cd) ≤ 0.2 ppm

Mercury (Hg) ≤ 0.05ppm
Heavy metals (as Pb) ≤ 5 ppm
Iron (Fe) ≤ 5 ppm
Copper (Cu) ≤ 1ppm
Nickel (Ni) ≤ 1ppm
Chlorine (Cl) ≤ 10 ppm
Sulphate (SO4) ≤ 350 ppm
Volatile acids ≤ 10 ppm (as acetic acid)
Nitrates ≤ 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