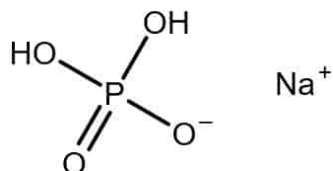


h1>Sodium phosphate 2 hydrate

[13472-35-0]

H<sub>2</sub>O



CAS number: **13472-35-0**

Summary formula: **H6NaO6P**

Molar mass: **156.01 g / mol**

Synonyms: **none**

Translation [ENG]: **sodium dihydrogen**

Application: **Sodium phosphate is used as an acidity regulator and sequestrant in food. It is used as a pH buffer (baking powders, fleet enema solution, galvanic baths and acid cleaners), emulsifier, laboratory reagent, metal phosphating reagent and auxiliary dye / fabric printing.**

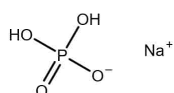
## VARIATIONS

**Image**

**Price**

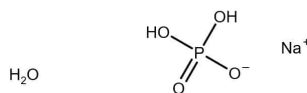
**Pack size**

H<sub>2</sub>O



£64,56 gross | £52,49 netto

10 kg

Image	Price	Pack size
	£161,31 gross   £131,15 netto	25 kg

## PRODUCT DESCRIPTION

### Sodium phosphate 2 hydrate [13472-35-0]

Sodium phosphate is used as an acidity regulator and sequestrant in food. It is used as a pH buffer (baking powders, fleet enema solution, galvanic baths and acid cleaners), emulsifier, laboratory reagent, metal phosphating reagent and auxiliary dye / fabric printing. It is also used to treat boiled water and wastewater and to remove halogens from waste gases.

Density: 1.915 g / cm<sup>3</sup> (20 ° C)

Melting point: 60 ° C

PH value: 4.5 (12 g / l, H<sub>2</sub>O, 25 ° C)

Bulk density: 1000 kg / m<sup>3</sup>

Solubility: 850 g / l

In water insoluble material (calculated on the dry substance): ≤ 0.15%

PH value (1%, water): 4.1 - 5.0

PH value (5%; water): 4.2 - 4.5

Chloride (Cl): ≤ 0.0005%

Fluoride (F): ≤ 0.001%

Total nitrogen (as N): ≤ 0.001%

Hydrogen phosphate (HPO<sub>4</sub>): ≤0.5%

### Hazard pictograms

Labeling of 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 effect, 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](#)