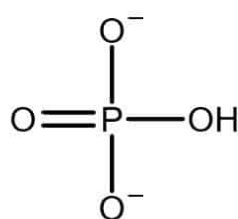


h1>Sodium phosphate II 2 hydrate 99.5% AR
[10028-24-7]



CAS number: **10028-24-7**

Summary formula: **$\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$**

Molar mass: **177.99 g / mol**

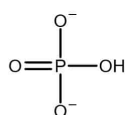
Synonyms: **disodium phosphate 2-hydrate, disodium hydrogen phosphate dihydrate**

Translation [ENG]: **di-sodium hydrogen phosphate dihydrate**

Application: **Sodium phosphate Dibasic sodium phosphate is used in many different pharmaceutical preparations as a buffering agent and as a masking agent. Therapeutically dibasic sodium phosphate is used as a mild laxative and in the treatment of hypophosphataemia**

VARIATIONS

Image



Price

£113,96 gross | £92,65 netto

Pack size

10 L

Image	Price	Pack size
H_2O		
Na^+		
O^-		
$\text{O}=\text{P}(\text{OH})(\text{O}^-)$	£246,81 gross £200,66 netto	25 L
O^-		
Na^+		

PRODUCT DESCRIPTION

Sodium phosphate II 2 hydrate 99.5% AR [10028-24-7]

Sodium phosphate Dibasic sodium phosphate is used in many different pharmaceutical preparations as a buffering agent and as a masking agent. Therapeutically dibasic sodium phosphate is used as a mild laxative and in the treatment of hypophosphataemia. Dibasic sodium phosphate is also used in food products; for example as an emulsifier in processed cheese.

Density: 2.1 g / cm³ (20 ° C)

Melting point: 92.5 ° C Elimination of water of crystallisation

PH value: 9.0 - 9.4 (50 g / l, H₂O, 20 ° C)

Bulk density: 850 - 1000 kg / m³

Solubility: 93 g / l

PH value (5%; water): 9.0 - 9.2

Test (acidimetric): ≥ 99.0%

Own absorption (215 nm; 0.2 mol / l; 1cm; water): ≤0.15

Own absorption (220 nm; 0.2 mol / l; 1cm; water): ≤0.05

Own absorption (254 nm; 0.2 mol / l; 1cm; water): ≤0.02

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](#)