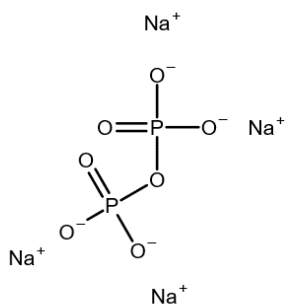


h1>Tetrasodium diphosphate, 99-103% AR  
decahydrate [13472-36-1]

H<sub>2</sub>O H<sub>2</sub>O H<sub>2</sub>O H<sub>2</sub>O

H<sub>2</sub>O H<sub>2</sub>O H<sub>2</sub>O H<sub>2</sub>O

H<sub>2</sub>O H<sub>2</sub>O



CAS number: **13472-36-1**

Summary formula: **Na<sub>4</sub>O<sub>7</sub>P<sub>2</sub> · 10H<sub>2</sub>O**

Molar mass: **446.06 g / mol**

Synonyms: **sodium pyrophosphate, tetra-sodium diphosphate**

Translation [ENG]: **sodium pyrophosphate decahydrate**

Application: **Tetrasodium diphosphate is used as a buffering agent, emulsifier, dispersing agent and thickening agent as well as as a food additive that improves the taste of dishes. Tetrasodium diphosphate, decahydrate is used in the fusion matrix.**

## VARIATIONS

### Image

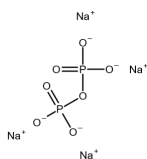
### Price

### Pack size

H<sub>2</sub>O H<sub>2</sub>O H<sub>2</sub>O H<sub>2</sub>O

H<sub>2</sub>O H<sub>2</sub>O H<sub>2</sub>O H<sub>2</sub>O

H<sub>2</sub>O H<sub>2</sub>O



£189,96 gross | £154,44 netto

10 kg

Image				Price	Pack size
H <sub>2</sub> O	H <sub>2</sub> O	H <sub>2</sub> O	H <sub>2</sub> O	£436,81 gross   £355,13 netto	25 kg
H <sub>2</sub> O	H <sub>2</sub> O	H <sub>2</sub> O	H <sub>2</sub> O		
H <sub>2</sub> O	H <sub>2</sub> O				

## PRODUCT DESCRIPTION

### Tetrasodium diphosphate, 99-103% AR decahydrate [13472-36-1]

Tetrasodium diphosphate is used as a buffering agent, emulsifier, dispersing agent and thickening agent as well as as a food additive that improves the taste of dishes. Tetrasodium diphosphate, decahydrate is used in the fusion matrix.

Density: 1.82 g / cm<sup>3</sup> (20 ° C)

Melting point: 988 ° C (anhydrous substance)

PH value: 9.5 - 10.5 (50 g / l, H<sub>2</sub>O, 20 ° C)

Bulk density: 650 kg / m<sup>3</sup>

Solubility: 60 g / l (anhydrous substance)

PH value (5%; water, 25 ° C): 9.5 - 10.5

Chloride (Cl): ≤ 0.001%

Orthophosphate (PO<sub>4</sub>): ≤ 0.1%

Sulphate (SO<sub>4</sub>): ≤ 0.005%

Total nitrogen (N): ≤ 0.001%

Heavy metals (as Pb): ≤ 0.0005%

Fe (iron): ≤ 0.0005%

K (potassium): ≤ 0.005%

### 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](#)