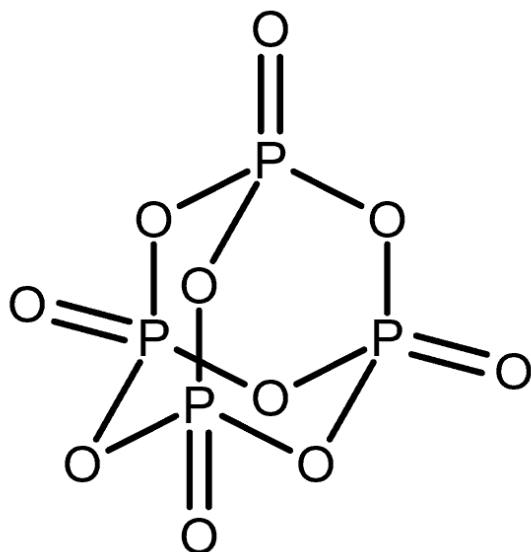




h1>Diphosphorus pentoxide 95%

[1314-56-3]



CAS number: **1314-56-3**

Summary formula: **P2O5**

Molar mass: **141.94 g / mol**

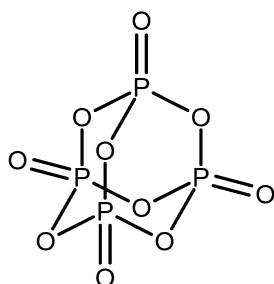
Synonyms: **none**

Translation [ENG]: **di-Phosphorus pentoxide**

Application: **Diphosphorus pentoxide used as drying agent, dehydrating agent, sugar refining agent and used for the production of phosphoric acid, phosphorus and aerosol compounds etc. Used as a silicon doped semiconductor source, dehydrating drying agent, synthetic condensing agent and surfactant also used in the preparation high purity phosphoric acid.**

VARIATIONS

Image



Price

£227,96 gross | £185,33 netto

Pack size

10 kg

Image	Price	Pack size
	£531,81 gross £432,37 netto	25 kg

PRODUCT DESCRIPTION

Diphosphorus pentoxide 95% [1314-56-3]

Diphosphorus pentoxide used as a drying agent, dehydrating agent, sugar refining agent and used to produce phosphoric acid, phosphorus and aerosol compounds etc. Used as a silicon doped semiconductor source, dehydrating drying agent, synthetic condensing agent and surfactant also used to produce phosphoric acid high purity.

Density: 2.28 g / cm³ (20-25 ° C)

Melting point: 420 ° C (closed capillary)

PH value: 1 (5 g / l, H₂O, 20 ° C)

Vapor pressure: <0.1 hPa (20 ° C)

Bulk density: 700 kg / m³

Solubility: 850 g / l Risk of violent reaction.

Chloride (Cl): ≤ 0.005%

Heavy metals (as Pb): ≤ 0.01%

Reduction of matter (as P₂O₃): ≤ 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](#)