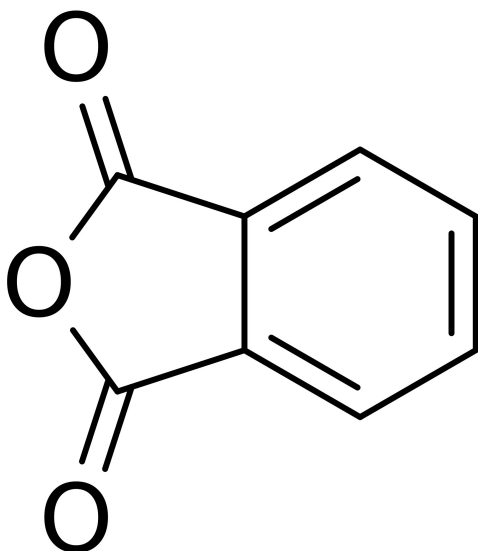




h1>Phthalic anhydride pure [85-44-9]



CAS number: **85-44-9**

Summary formula: **C₆H₄ (CO)₂O**

Molar mass: **148.1 g / mol**

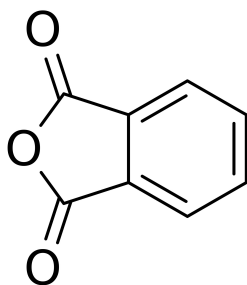
Synonyms: **phthalic anhydride**

Translation [ENG]: **phthalic anhydride**

Application: **Phthalic anhydride is used for the production of plasticizers and fillers for polymers and dyes. As a result of condensation with phenol, it forms phenolphthalein, used as an acid-base indicator. An important application is the production of anthraquinone and its derivatives.**

VARIATIONS

Image



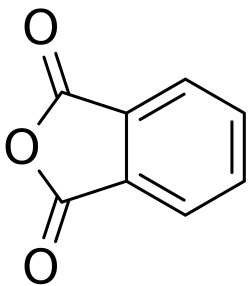
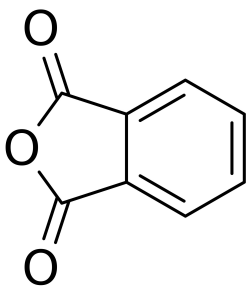
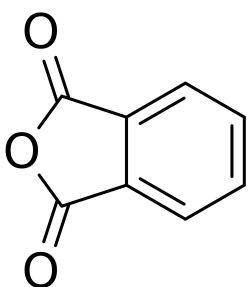
Price

£24,70 gross | £20,08 netto

Pack size

1 kg



| Image | Price | Pack size |
|--|-------------------------------|-----------|
|  | £114,00 gross £92,68 netto | 5 kg |
|  | £209,00 gross £169,92 netto | 10 kg |
|  | £399,00 gross £324,39 netto | 20 kg |

PRODUCT DESCRIPTION

Phthalic anhydride pure [85-44-9]

Phthalic anhydride is used for the production of plasticizers and fillers for polymers and dyes. As a result of condensation with phenol, it forms phenolphthalein, used as an acid-base indicator. An important application is the production of anthraquinone and its derivatives.

Form: solid

White color

Aroma: slightly aromatic

Melting point: 129 - 132 ° C

Boiling point: 285 ° C

Auto-ignition temperature: 580 ° C

Flash point: 151 ° C

Explosion limits:

lower: 1.7% vol.

upper: 10,4% vol.

Vapor pressure: 0.01

Density: (20 ° C): 1.527 g / cm³.

Bulk weight: 500 - 700 kg / m³

Solubility:

in water: 6 g / l (20 ° C)

in organic solvents: ethanol, diethyl ether, formic acid

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.
- corrosivity, the pictogram exclamation mark 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](#)