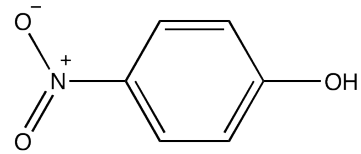


p-Nitrophenol, indicator

Identification

C₆H₅NO₃
M = 139,11 g/mol
CAS [100-02-7]
EC number: 202-811-7
Taric code:

**Synonyms**

4-Nitrophenol

Applications

analytical chemistry, laboratory reagent, indicator, synthesis of organic products.

Specifications

pH range (colourless to yellow)5,0 - 7,6

insoluble in C₂H₅OH passes test
residue on ignition (as SO₄)..... max. 0,05 %

Physical data

- Appearance: granules, yellow-brownish
- Spec. Density: 1,48 g/cm³
- Bulk density: ~ 550 kg/m³
- Solub. in water: (20 °C): 11,8 g/l
- Melting point: 110 - 114 °C
- Boiling point: ~ 280 °C (decomposes)
- Flash point: 169 °C
- Ignition temperature: ~ 495 °C
- pH(5 g/l H₂O, 24 °C) 4,4

Safety - GHS

Signal Word: Warning

Hazard Statements:

- H373: May cause damage to organs through prolonged or repeated exposure.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H332: Harmful if inhaled.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P280: Wear protective gloves / protective clothing / eye protection / face protection.
P321: Specific treatment (see on this label).
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 T2 III • UN 1663 • NITROPHENOLS (o-, m-, p-)
- IMDG: 6.1 III • UN 1663 • NITROPHENOLS (O-, M-, P-)
- IATA/ICAO: 6.1 III • UN 1663 • NITROPHENOLS (O-, M-, P-)
- PAX: 655
- CAO: 619
- 5°C - 30°C