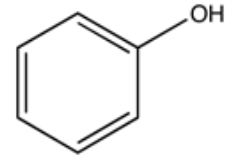


Phenol, approx. 90%, aqueous solution, Pharmpur®, USP

Identification

C₆H₅OH
M = 94,11 g/mol
CAS [108-95-2]
EC number: 203-632-7
Taric code: 2907 11 00

**Synonyms**

Phenic acid, Hydroxybenzene, Carboic acid

Applications

synthesis of organic products, disinfectant, for pharmaceuticals synthesizing, manufacture of dyes, preservative agent, analytical chemistry, laboratory reagent, in pharma industry.

Specifications

assay (iodometric).....min. 89,0 %	clarity of solution and reaction..... passes test
Identification A (USP).....passes test	distilling range..... max. 182,5 °C
Identification B (USP).....passes test	residue on evaporation..... max. 0,05 %

Physical data

- Density: 1,06 g/cm³
- Boiling point: 180-182 °C
- Flash point: 79 °C
- Ignition temperature: 605 °C
- Vapour pressure: (20 °C) 0,2 hPa
- Expl. limit (upper): 9,5 Vol %
- Expl. limit (lower): 1,3 Vol %
- pH(50 g/l H₂O, 20°C) ~ 5

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H301+H311+H331: Toxic if swallowed, in contact with skin or if inhaled.
H314: Causes severe skin burns and eye damage.
H341: Suspected of causing genetic defects.
H373: May cause damage to organs through prolonged or repeated exposure.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 T1 II • UN 2821 • PHENOL SOLUTION
- IMDG: 6.1 II • UN 2821 • PHENOL SOLUTION
- IATA/ICAO: 6.1 II • UN 2821 • PHENOL SOLUTION
- PAX: 609
- CAO: 611
- 10°C - 30°C