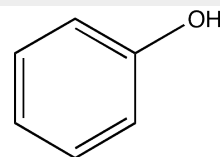


Identification

C_6H_5OH
 M = 94,11 g/mol
 CAS [108-95-2]
 EC number: 203-632-7
 Taric code: 2907 11 00


Synonyms

Phenic acid, Hydroxybenzene, Carbolic 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