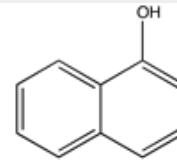


**1-Naphthol, for analysis, ExpertQ®****Identification**

C<sub>10</sub>H<sub>8</sub>O  
M = 144,17 g/mol  
CAS [90-15-3]  
EC number: 201-969-4  
Taric code: 2907 15 10

**Synonyms**

1-Hydroxynaphthalene

**Applications**

analytical chemistry, synthesis of organic products, manufacture of dyes and perfumery.

**Specifications**

assay (G.C.).....	min. 99 %	iron (Fe).....	max. 0,001 %
identity (IR-spectrum).....	passes test	naphthalene (G.C.).....	max. 0,2 %
appearance of solution.....	passes test	2-naphthol (G.C.).....	max. 0,2 %
chlorides (Cl).....	max. 0,005 %	residue on ignition.....	max. 0,05 %
heavy metals (as Pb).....	max. 0,001 %	water (K.F.).....	max. 0,2 %

**Physical data**

- Spec. Density: 1,28 g/cm<sup>3</sup>
- Bulk density: ~ 450 kg/m<sup>3</sup>
- Solub. in water: (20 °C): ~ 0,1 g/l
- Melting point: 95 - 97 °C
- Boiling point: ~ 288 °C
- Flash point: 125 °C
- Ignition temperature: 510 °C
- Vapour pressure: (94 °C) 1,3 hPa
- pH(H<sub>2</sub>O) ~ 7

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

- H318: Causes serious eye damage.  
H302: Harmful if swallowed.  
H312: Harmful in contact with skin.  
H335: May cause respiratory irritation.  
H315: Causes skin irritation.

**Precautionary Statements:**

- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310: Immediately call a POISON CENTER or doctor / physician.  
P321: Specific treatment (see on this label).  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 6.1 T2 III • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S.(1-Naphthol)
- IMDG: 6.1 III • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (1-Naphthol)
- IATA/ICAO: 6.1 III • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (1-Naphthol)
- PAX: 655
- CAO: 677
- 10°C - 30°C