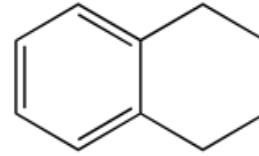


1,2,3,4-Tetrahydronaphthalene, EssentQ®**Identification**

C₁₀H₁₂
M = 132,21 g/mol
CAS [119-64-2]
EC number: 204-340-2
Taric code: 2902 90 90

**Synonyms**

Tetralin

Applications

solvents, degreasing agent.

Specifications

assay (G.C.).....	min. 98 %	iron (Fe).....	max. 5 ppm
identity (IR-spectrum).....	passes test	residue on ignition.....	max. 0,005 %
heavy metals (as Pb).....	max. 5 ppm	water (K.F.).....	max. 0,05 %

Physical data

- Density: 0,97 g/cm³
- Solub. in water: (20 °C): non-miscible
- Melting point: -36 °C
- Boiling point: 207 °C
- Flash point: 77 °C
- Ignition temperature: 425 °C
- Vapour pressure: (20 °C) 0,4 hPa
- Refraction index: (n 20 °C/D) 1,5414
- Viscosity: (20 °C) 2,2 mPas
- Dielectric const.: (20 °C) 2,6
- Evap. heat: (208 °C) 331 KJ/kg
- Saturation conc.: (20 °C) 1,3 g/m³
- Expl. limit (upper): 5 Vol%
- Expl. limit (lower): 0,8 Vol%

Safety - GHS

Signal Word: Warning

Hazard Statements:

H315: Causes skin irritation.
H319: Causes serious eye irritation.
H411: Toxic to aquatic life with long lasting effects.
EUH019: May form explosive peroxides.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.
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: 9 M6 III • UN 3082 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,2,3,4-Tetrahydronaphthalene)
- IMDG: 9 III • UN 3082 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,2,3,4-Tetrahydronaphthalene)
- IATA/ICAO: 9 III • UN 3082 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,2,3,4-Tetrahydronaphthalene)
- PAX: 964
- CAO: 964
- 10°C - 30°C