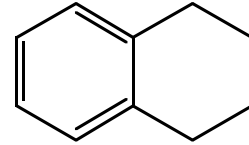


1,2,3,4-Tetrahydronaphthalene, pure

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. 0,0005 %
identity (IR-spectrum).....	passes test	sulfated ash.....	max. 0,005 %
heavy metals (as Pb).....	max. 0,0005 %	water (K.F.).....	max. 0,05 %

Packaging**Packaging Code**

1 1 0 TE02401000

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 temp.: 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.
P273: Avoid release to the environment.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see on this label).
P362: Take off contaminated clothing and wash before reuse.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.
P280: Wear protective gloves / protective clothing / eye protection / face protection.
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P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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1,2,3,4-Tetrahydronaphthalene, pure**Safety - DSD/DPD**

- Hazard symbols: Xi (Irritant), N (Dangerous for the environment)
- EC Index no.: 601-045-00-4



Xi



N

Irritant

Dangerous for the environment

R Sentences

- 19: May form explosive peroxides.
36/38: Irritating to eyes and skin
51/53: Toxic to aquatic organisms, may cause long-term effects in the aquatic environment.

S Sentences

- 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
28.1: After contact with skin, wash immediately with plenty of water.
61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

Toxicological data

- LD 50 (oral, rat): 2860 mg/kg
- WGK: 2

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: 914
- CAO: 914
- Store between 15°C and 25°C