

## Identification

CAS [64742-49-0]  
EC number: 265-151-9  
Taric code: 2710 12 25

## Synonyms

Petroleum benzine, Petroleum spirit

## Applications

solvents, analytical chemistry.

## Specifications

boiling range.....	30 - 40 °C	nickel (Ni).....	max. 0,2 ppm
density (20°/20°).....	0,620 - 0,630	aromatic hydrocarbons (as C <sub>6</sub> H <sub>6</sub> ).....	max. 0,01 %
acidity.....	max. 0,001 meq/g	sulphur compounds (as CS <sub>2</sub> ).....	max. 0,005 %
copper (Cu).....	max. 0,2 ppm	substances darkened by H <sub>2</sub> SO <sub>4</sub> .....	passes test
iron (Fe).....	max. 0,5 ppm	residue on evaporation.....	max. 0,001 %
lead (Pb).....	max. 0,2 ppm	water (K.F.).....	max. 0,01 %

## Physical data

- Density: 0,65 g/cm<sup>3</sup>
- Solub. in water: (20 °C): non-miscible
- Boiling point: 30 - 40 °C
- Flash point: -30 °C
- Ignition temperature: ~ 250 °C
- Vapour pressure: ( 20 °C ) ~ 350 hPa
- Expl. limit (upper): 7,5 Vol%
- Expl. limit (lower): 1,2 Vol%

## Safety - GHS

Signal Word: Danger

### Hazard Statements:

- H224: Extremely flammable liquid and vapour.  
H304: May be fatal if swallowed and enters airways.  
H336: May cause drowsiness or dizziness.  
H411: Toxic to aquatic life with long lasting effects.  
EUH066: Repeated exposure may cause skin dryness or cracking.



### Precautionary Statements:

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.  
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.  
P370+P378: In case of fire: Use ... for extinction.  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

## Transport/storage

- ADR: 3 F1 | • UN 1268 • PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.
- IMDG: 3 | • UN 1268 • PETROLEUM DISTILLATES, N.O.S.
- IATA/ICAO: 3 | • UN 1268 • PETROLEUM DISTILLATES, N.O.S.
- PAX: 302
- CAO: 303
- 15°C - 25°C