

## Identification

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

## Synonyms

Petroleum benzine, Petroleum spirit

## Applications




analytical chemistry, solvents, chromatography.

## Specifications

boiling range.....	60 - 80 °C	nickel (Ni).....	max. 0,00002 %
acidity.....	max. 0,001 meq/g	lead (Pb).....	max. 0,00002 %
aromatics .....	max. 0,1 %	sulphur compounds (as CS <sub>2</sub> ).....	max. 0,005 %
copper (Cu).....	max. 0,00002 %	residue on evaporation.....	max. 0,001 %
iron (Fe).....	max. 0,00005 %	water (K.F.).....	max. 0,01 %

## Packaging

### Packaging Code

- 1 l  ET01001000
- 2,5 l  ET01002500
- 5 l  ET0100005L

## Physical data

- Density: 0,68 g/cm<sup>3</sup>
- Solub. in water: (20 °C): non-miscible
- Boiling point: 60 - 80 °C
- Flash point: < -20 °C
- Ignition temperature: 260 °C
- Vapour pressure: ( 20 °C ) ~ 200 hPa
- Expl. limit (upper): 7,5 Vol%
- Expl. limit (lower): 1,0 Vol%

## Safety - GHS

Signal Word: Danger

### Hazard Statements:

- H224: Extremely flammable liquid and vapour.
- H304: May be fatal if swallowed and enters airways.
- H361: Suspected of damaging fertility or the unborn child.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H315: Causes skin irritation.
- H336: May cause drowsiness or dizziness.
- H411: Toxic to aquatic life with long lasting effects.



### Precautionary Statements:

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
- P241: Use explosion-proof electrical / ventilating / lighting / equipment.
- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
- P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
- P405: Store locked up.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

## Toxicological data

- MAK: 50 ml/m<sup>3</sup>, 180 mg/m<sup>3</sup>
- WGK: 1
- Poison class CH (Swiss): 4

## Transport/storage

- ADR: 3 F1 II • UN 1268 • PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.
- IMDG: 3 II • UN 1268 • PETROLEUM DISTILLATES, N.O.S.
- IATA/ICAO: 3 II • UN 1268 • PETROLEUM DISTILLATES, N.O.S.
- PAX: 305
- CAO: 307
- Store between 15°C and 25°C