

## 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

density (20°/4°).....	0,640 - 0,655	Suitable for highly volatile halogenated hydrocarbons trace analysis.
residue on evaporation.....	max. 0,0001 %	ECD, from dichloromethane to 1,2,4-trichlorobenzene, no peaks are obtained greater than 1 ng/ml as tetrachloromethane.
water (K.F.).....	max. 0,01 %	
Suitable for organohalogenated pesticide and dioxins, furans and PCBs residue analysis.		
ECD, from 1,2,4-trichlorobenzene to decachlorobiphenyl, no peaks are obtained greater than 2 pg/ml as lindane. No peaks are obtained in vicinity of 2,4,5-trichlorobiphenyl.		Suitable for pesticide and polycyclic aromatic hydrocarbons residue analysis. FID, from 1-decanol to 1-tetradecanol, no peaks are obtained greater than 2 ng/ml as 1-tetradecanol. No peaks are obtained in vicinity of pyrene.

## Packaging

### Packaging Code

1 l  ET00991000  
2,5 l  ET00992500

## Physical data

- Density: (15 °C) 0,65 g/cm<sup>3</sup>
- Solub. in water: (20 °C): almost non-miscible
- Melting point: < -100 °C
- Boiling point: 40 - 60 °C
- Flash point: < -21 °C
- Ignition temperature: 250 °C
- Vapour pressure: ( 20 °C ) 350 hPa
- Viscosity: (20 °C) 0,45 mPas
- Expl. limit (upper): 8 Vol%
- Expl. limit (lower): 0,8 Vol%

## Safety - GHS

Signal Word: Danger



### Hazard Statements:

H224: Extremely flammable liquid and vapour.  
H304: May be fatal if swallowed and enters airways.  
H412: Harmful 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.  
P280: Wear protective gloves / protective clothing / eye protection / face protection.  
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

- LD 50 (oral, rat): > 5000 mg/kg
- 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