

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 (40 - 60 °C).....	min. 90 % vol.	copper (Cu).....	max. 0,000002 %
density (20°/4°).....	0,640 - 0,655	iron (Fe).....	max. 0,00001 %
colour (Hazen).....	max. 10	lead (Pb).....	max. 0,00001 %
acidity.....	max. 0,0003 meq/g	magnesium (Mg).....	max. 0,00001 %
iodine index.....	max. 0,3	manganese (Mn).....	max. 0,000002 %
aluminium (Al).....	max. 0,00005 %	nickel (Ni).....	max. 0,000002 %
barium (Ba).....	max. 0,000001 %	tin (Sn).....	max. 0,00001 %
boron (B).....	max. 0,000002 %	zinc (Zn).....	max. 0,00001 %
cadmium (Cd).....	max. 0,000005 %	aromatic hydrocarbons (as C ₆ H ₆).....	max. 0,02 %
calcium (Ca).....	max. 0,00005 %	sulfur compounds (as S).....	max. 0,005 %
chromium (Cr).....	max. 0,000002 %	substances darkened by H ₂ SO ₄	passes test
cobalt (Co).....	max. 0,000002 %	residue on evaporation.....	max. 0,0005 %
		water (K.F.).....	max. 0,01 %

Packaging
Packaging Code

1 l  ET00921000
 2,5 l  ET00922500
 4 l  ET00924000
 5 l  ET0092005M
 7 l  ET0092007E
 25 l  ET0092025A
 25 l  ET0092025S

Physical data

- Density: (15 °C) 0,65 g/cm³
- 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.

Petroleum ether, boiling range 40 - 60 °C, reagent grade, ACS, ISO

Toxicological data

- LD 50 (oral, rat): > 5000 mg/kg
- MAK: 50 ml/m³, 180 mg/m³
- 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