

Identification

C_6H_{14}
M = 86,18 g/mol
CAS [92112-69-1]
EC number: 295-570-2
Taric code: 2901 10 00

Applications

analytical chemistry, for spectroscopy, manufacture of dyes.

Specifications

residue on evaporation..... max. 0,0001 %
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 3 pg/ml as lindane.
No peaks are obtained in vicinity of
2,4,5-trichlorobiphenyl.

Physical data

- Density: 0,67 g/cm³
- Solub. in water: (20 °C): insoluble
- Boiling point: 65 - 70 °C
- Flash point: -22 °C
- Vapour pressure: (20 °C) 160 hPa
- Refraction index: (n 20 °C/D) 1,380
- Expl. limit (upper): 8,1 Vol%
- Expl. limit (lower): 1,0 Vol%

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H225: Highly flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.
H361: Suspected of damaging fertility or the unborn child.
H373: May cause damage to organs through prolonged or repeated exposure.
H411: Toxic to aquatic life with long lasting effects.



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 II • UN 1208 • HEXANES
- IMDG: 3 II • UN 1208 • HEXANES
- IATA/ICAO: 3 II • UN 1208 • HEXANES
- PAX: 305
- CAO: 307
- 15°C - 25°C