

**Mixture n-hexane/tert-butyl methyl ether, 80:20 v/v, for analysis,
ExpertQ®****Identification**

Taric code: 3814 00 90

Applications

solvent for industrial uses.

Specifications

mixture according to:		
n-hexane 96%.....	800 ml	iron (Fe)..... max. 0,1 ppm
tert-Butyl methyl ether.....	200 ml	lead (Pb)..... max. 0,1 ppm
free acid (as CH ₃ COOH).....	max. 0,002 %	magnesium (Mg)..... max. 0,1 ppm
aluminium (Al).....	max. 0,5 ppm	manganese (Mn)..... max. 0,02 ppm
barium (Ba).....	max. 0,1 ppm	nickel (Ni)..... max. 0,02 ppm
boron (B).....	max. 0,02 ppm	tin (Sn)..... max. 0,1 ppm
cadmium (Cd).....	max. 0,05 ppm	zinc (Zn)..... max. 0,1 ppm
calcium (Ca).....	max. 0,5 ppm	aromatic hydrocarbons (as C ₆ H ₆)..... max. 0,01 %
chromium (Cr).....	max. 0,02 ppm	peroxides (as H ₂ O ₂)..... max. 0,0005 %
cobalt (Co).....	max. 0,02 ppm	tiophene (C ₄ H ₄ S)..... max. 0,0001 %
copper (Cu).....	max. 0,02 ppm	sulphur compounds (as S)..... max. 0,005 %
		substances darkened by H ₂ SO ₄ passes test
		residue on evaporation..... max. 0,001 %
		water (K.F.)..... max. 0,02 %

Physical data

- Density: ~ 0,67 g/cm³
- Flash point: -23 °C

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H225: Highly flammable liquid and vapour.
- H304: May be fatal if swallowed and enters airways.
- H361f: Suspected of damaging fertility.
- 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.
- 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 1993 • FLAMMABLE LIQUID, N.O.S. (Mixture n-hexane/tert-butyl methyl ether, 80:20)
- IMDG: 3 II • UN 1993 • FLAMMABLE LIQUID, N.O.S. (Mixture n-hexane/tert-butyl methyl ether, 80:20)
- IATA/ICAO: 3 II • UN 1993 • FLAMMABLE LIQUID, N.O.S. (Mixture n-hexane/tert-butyl methyl ether, 80:20)
- PAX: 353
- CAO: 364
- 15°C - 25°C