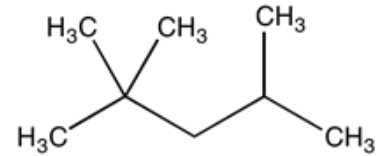


Identification

C_8H_{18}
M = 114,23 g/mol
CAS [111-65-9]
EC number: 203-892-1
Taric code: 2901 10 00

**Applications**

analytical chemistry, reference material, chromatography.

Specifications

isooctane (G.C.)..... min. 80 %

n-heptane (G.C.) max. 20 %

Physical data

- Density: 0,69 g/cm³
- Solub. in water: (20 °C): non-miscible
- Melting point: -57 °C
- Boiling point: 125 - 126 °C
- Flash point: 13 °C
- Ignition temperature: 210 °C
- Vapour pressure: (20 °C) 14 hPa
- Dielectric const.: (20 °C) 1,9
- Saturation conc.: (20 °C) 70 g/m³
- Expl. limit (upper): 6,5 Vol%
- Expl. limit (lower): 0,8 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.
H410: Very 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 1262 • OCTANES
- IMDG: 3 II • UN 1262 • OCTANES
- IATA/ICAO: 3 II • UN 1262 • OCTANES
- PAX: 305
- CAO: 307
- 10°C - 30°C