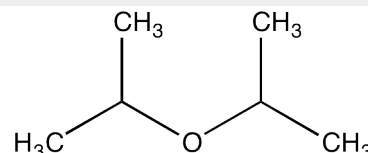


Diisopropyl ether, synthesis grade, stabilized with approx. 10 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)
Identification

$C_6H_{14}O$
 M = 102,18 g/mol
 CAS [108-20-3]
 EC number: 203-560-6
 Taric code: 2909 19 00


Synonyms

Isopropyl ether, 2,2'-Oxybis[propane], 2,2-Propoxypropane



Applications

analytical chemistry, solvents.

Specifications

assay (G.C.).....	min. 99 %	peroxides (as H ₂ O ₂).....	max. 0,005 %
identity (IR-spectrum).....	passes test	residue on evaporation.....	max. 0,005 %
density (20°/4°).....	0,722 - 0,724	water (K.F.).....	max. 0,1 %

Packaging
Packaging Code

1 l  ET00851000
 2,5 l  ET00852500

Physical data

- Density: 0,72 g/cm³
- Solub. in water: (20 °C): 12 g/l
- Melting point: -86 °C
- Boiling point: 67 - 70 °C
- Flash point: -28 °C
- Ignition temperature: 405 °C
- Vapour pressure: (20 °C) 175 hPa
- Viscosity: (25 °C) 0,37 mPas
- Dipolar moment: (20 °C) 1,3 Debye
- Dielectric const.: (25 °C) 3,8
- Evap. heat: (68 °C) 285 KJ/kg
- Saturation conc.: (20 °C) 751 g/m³
- Expl. limit (upper): 21 Vol%
- Expl. limit (lower): 1,0 Vol%
- pH(20 °C) ~ 7

Safety - GHS

Signal Word: Danger


Hazard Statements:

- H225: Highly flammable liquid and vapour.
 H336: May cause drowsiness or dizziness.
 EUH019: May form explosive peroxides.
 EUH066: Repeated exposure may cause skin dryness or cracking.

Precautionary Statements:

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
 P241: Use explosion-proof electrical / ventilating / lighting / equipment.
 P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
 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): 8470 mg/kg
- MAK: 200 ml/m³, 850 mg/m³
- WGK: 1
- Poison class CH (Swiss): 4

Transport/storage

- ADR: 3 F1 II • UN 1159 • DIISOPROPYL ETHER
- IMDG: 3 II • UN 1159 • DIISOPROPYL ETHER
- IATA/ICAO: 3 II • UN 1159 • DIISOPROPYL ETHER
- PAX: 305
- CAO: 307
- Store between 15°C and 25°C