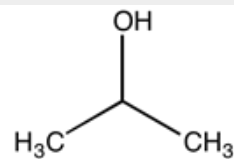


Identification

C_3H_8O
 M = 60,10 g/mol
 CAS [67-63-0]
 EC number: 200-661-7
 Taric code: 2905 12 00


Synonyms

Isopropyl alcohol, Isopropanol, iso-Propanol, Dimethylcarbinol, 2-Hydroxypropane

Applications

solvents, in antifreeze compositions, cosmetics.

Specifications

assay (G.C.).....	min. 99,9 %	zinc (Zn).....	max. 10 ppb
identity (IR-spectrum).....	passes test	residue on evaporation.....	max. 0,0005 %
density (20°/4°).....	0,784 - 0,786	water (K.F.).....	max. 0,05 %
acidity.....	max. 0,0001 meq/g	suitability for use in LC-MS.....	passes test
aluminium (Al).....	max. 10 ppb		
calcium (Ca).....	max. 10 ppb	min. transmission/max. absorbance in a 1,0 cm cell at	
copper (Cu).....	max. 5 ppb	wavelength:.....	T(%) A (AU)
iron (Fe).....	max. 10 ppb	210 nm.....	20 % 0,699 AU
lead (Pb).....	max. 5 ppb	215 nm.....	50 % 0,301 AU
magnesium (Mg).....	max. 10 ppb	240 nm.....	90 % 0,046 AU
manganese (Mn).....	max. 5 ppb		
nickel (Ni).....	max. 5 ppb	gradient grade (254 nm)	
potassium (K).....	max. 5 ppb	maximum peak absorbance:.....	max. 0,005 AU
silver (Ag).....	max. 5 ppb		
sodium (Na).....	max. 50 ppb	Microfiltered through membranes of pore diameter 0,22 µm	

Physical data

- Density: 0,785 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -89,5 °C
- Boiling point: 82,4 °C
- Flash point: 12 °C
- Ignition temperature: 425 °C
- Vapour pressure: (20 °C) 43 hPa
- Viscosity: (20 °C) 2,27 mPas
- Dipolar moment: (20 °C) 1,66 Debye
- Dielectric const.: (25 °C) 18,3
- Saturation conc.: (20 °C) 105 g/m³
- Expl. limit (upper): 12,7 Vol%
- Expl. limit (lower): 2 Vol%
- pH(20 °C) ~ 7
- Hygroscopic

Safety - GHS

Signal Word: Danger


Hazard Statements:

- H225: Highly flammable liquid and vapour.
 H319: Causes serious eye irritation.
 H336: May cause drowsiness or dizziness.

Precautionary Statements:

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
 P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 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 1219 • ISOPROPANOL (ISOPROPYL ALCOHOL)
- IMDG: 3 II • UN 1219 • ISOPROPYL ALCOHOL
- IATA/ICAO: 3 II • UN 1219 • ISOPROPYL ALCOHOL
- PAX: 353
- CAO: 364
- 5°C - 30°C