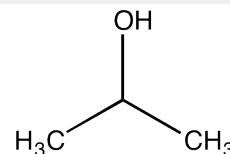


Identification

C₃H₈O
 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. 99,8 %	iron (Fe).....	max. 0,00001 %
identity (IR-spectrum).....	passes test	lead (Pb).....	max. 0,00001 %
density (20°/4°).....	0,784 - 0,786	magnesium (Mg).....	max. 0,00001 %
solubility in water.....	passes test	manganese (Mn).....	max. 0,00001 %
acidity.....	max. 0,0002 meq/g	nickel (Ni).....	max. 0,00001 %
alkalinity.....	max. 0,0001 meq/g	potassium (K).....	max. 0,00001 %
chlorides (Cl).....	max. 0,00002 %	sodium (Na).....	max. 0,00001 %
phosphates (as PO ₄).....	max. 0,00005 %	tin (Sn).....	max. 0,00001 %
aluminium (Al).....	max. 0,00001 %	titanium (Ti).....	max. 0,00001 %
arsenic and antimony (as As).....	max. 0,000001 %	zinc (Zn).....	max. 0,00001 %
boron (B).....	max. 0,000001 %	residue on evaporation.....	max. 0,0005 %
calcium (Ca).....	max. 0,00001 %	water (K.F.).....	max. 0,05 %
chromium (Cr).....	max. 0,00001 %		
copper (Cu).....	max. 0,00001 %		
gold (Au).....	max. 0,00001 %		

Packaging
Packaging Code

1 l  AL03221000
 2,5 l  AL03222500

Physical data

- Density: 0,78 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.
 P241: Use explosion-proof electrical / ventilating / lighting / equipment.
 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.
 P405: Store locked up.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Toxicological data

- LD 50 (oral, rat): 5045 mg/kg
- MAK: 200 ml/m³, 500 mg/m³
- WGK: 1
- Poison class CH (Swiss): F

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: 305
- CAO: 307
- Store between 5°C and 30°C