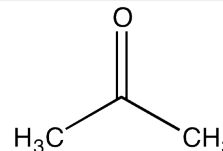


### Identification

C<sub>3</sub>H<sub>6</sub>O  
M = 58,08 g/mol  
CAS [67-64-1]  
EC number: 200-662-2  
Taric code: 2914 11 00



### Synonyms

Dimethyl ketone, 2-Propanone

### Applications









solvents, analytical chemistry, synthesis of organic products, photography.

### Specifications

assay (G.C.).....	min. 99,5 %	residue on evaporation.....	max. 0,002 %
identity (IR-spectrum).....	passes test	water (K.F.).....	max. 0,3 %
density (20°/4°).....	0,787 - 0,791		

### Packaging

#### Packaging Code

- 1 l  AC03061000
- 2,5 l  AC03062500
- 5 l  AC0306005P
- 7 l  AC0306007E
- 25 l  AC0306025L
- 25 l  AC0306025P
- 25 l  AC0306025S
- 30 l  AC0306030S

### Physical data

- Density: 0,79 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: -95 °C
- Boiling point: 56 °C
- Flash point: < -20 °C
- Ignition temperature: 540 °C
- Vapour pressure: (20 °C) 233 hPa
- Refraction index: (n 20 °C/D) 1,3588
- Viscosity: (25 °C) 0,31 mPas
- Dipolar moment: (20 °C) 2,7 Debye
- Dielectric const.: (25 °C) 20,7
- Evap. heat: (56 °C) 521 KJ/kg
- Saturation conc.: (20 °C) 533 g/m<sup>3</sup>
- Expl. limit (upper): 13 Vol%
- Expl. limit (lower): 2,6 Vol%
- pH(395 g/l H<sub>2</sub>O, 20 °C) 5 - 6

### Safety - GHS

**Signal Word:** Danger



#### Hazard Statements:

- H225: Highly flammable liquid and vapour.
- H319: Causes serious eye irritation.
- H336: May cause drowsiness or dizziness.
- 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.
- 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): 5800 mg/kg
- MAK: 500 ml/m<sup>3</sup>, 1200 mg/m<sup>3</sup>
- WGK: 1
- Poison class CH (Swiss): 5

**Transport/storage**

- ADR: 3 F1 II • UN 1090 • ACETONE
- IMDG: 3 II • UN 1090 • ACETONE
- IATA/ICAO: 3 II • UN 1090 • ACETONE
- PAX: 305
- CAO: 307
- Store between 15°C and 25°C