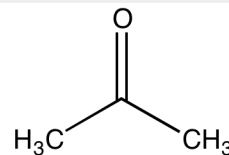


### Identification

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

### Specifications



assay (G.C.).....	min. 99,8 %
colour (Hazen).....	max. 10
identity (IR-spectrum).....	passes test
residue on evaporation.....	max. 3 ppm
water (K.F.) .....	max. 0,2 %

GC/MSD (retention range n-undecane  
ton-tetracontane, scanning area  
30 - 600 amu, individual signals  
(n-tetradecane standard))..... max. 3,0 ng/ml (ppb)

Suitable for residue analysis

### Packaging

#### Packaging Code

1 l  AC02931000  
2,5 l  AC02932500

### 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