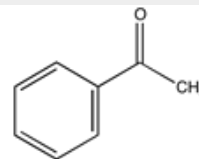


**Identification**

C<sub>8</sub>H<sub>8</sub>O  
M = 120,15 g/mol  
CAS [98-86-2]  
EC number: 202-708-7  
Taric code: 2914 39 00

**Synonyms**

Methyl phenyl ketone, Phenyl methyl ketone

**Applications**

perfumery, synthesis of organic products, synthesis of polymers.

**Specifications**

assay (G.C.).....	min. 99 %	density (20°/4°).....	1,025 - 1,028
identity (IR-spectrum).....	passes test	free acid (as C <sub>6</sub> H <sub>5</sub> COOH).....	max. 0,05 %
		water (K.F.).....	max. 0,1 %

**Physical data**

- Density: 1,03 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 5,5 g/l
- Melting point: 20 °C
- Boiling point: 202 °C
- Flash point: 77 °C
- Ignition temperature: 570 °C
- Vapour pressure: (20 °C) 0,4 hPa
- Refraction index: (n 20 °C/D) 1,5339
- Dielectric const.: (20 °C) 8,6
- Evap. heat: (202 °C) 383 KJ/kg
- Saturation conc.: (20 °C) 1,96 g/m<sup>3</sup>
- Expl. limit (upper): 5,2 Vol%
- Expl. limit (lower): 1,4 Vol%

**Safety - GHS**

**Signal Word:** Warning

**Hazard Statements:**

H302: Harmful if swallowed.  
H319: Causes serious eye irritation.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P264: Wash thoroughly after handling.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P337+P313: If eye irritation persists: Get medical advice / attention.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: Not regulated • IMDG: Not regulated • AVIATION REGULATED LIQUID, N.O.S. (Acetophenone)
- IATA/ICAO: 9 III • UN 3334 • AVIATION REGULATED LIQUID, N.O.S. (Acetophenone)
- PAX: 906
- CAO: 906
- 15°C - 25°C