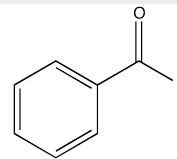


Identification

C_7H_6O
 M = 106,13 g/mol
 CAS [100-52-7]
 EC number: 202-860-4
 Taric code: 2912 21 00


Synonyms

Benzoic aldehyde, Bitter almond oil

Applications

solvents, perfumery, synthesis of organic products, manufacture of dyes.

Specifications

assay (G.C.).....min. 98 %	density (20°/4°)..... 1,044 - 1,046
identity (IR-spectrum).....passes test	water (K.F.)..... max. 0,1 %

Physical data

- Density: 1,05 g/cm³
- Solub. in water: (20 °C): 3,3 g/l
- Melting point: -56 °C
- Boiling point: 179 °C
- Flash point: 64 °C
- Ignition temperature: 190 °C
- Vapour pressure: (20 °C) 1,3 hPa
- Refraction index: (n 20 °C/D) 1,5450
- Expl. limit (upper): 8,5 Vol%
- Expl. limit (lower): 1,4 Vol%
- pH(1 g/l H₂O, 20 °C) ~ 5,9

Safety - GHS

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.


Precautionary Statements:

- P264: Wash thoroughly after handling.
 P270: Do not eat, drink or smoke when using this product.
 P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P330: Rinse mouth.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 9 M11 III • UN 1990 • BENZALDEHYDE
- IMDG: 9 III • UN 1990 • BENZALDEHYDE
- IATA/ICAO: 9 III • UN 1990 • BENZALDEHYDE
- PAX: 907
- CAO: 907
- 10°C - 30°C