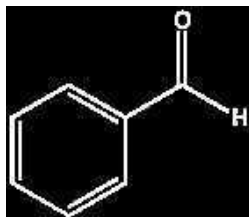


BENZALDEHYDE

BE0160 Benzaldehyde, EssentQ®



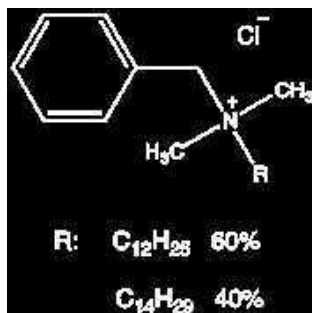
- Synonyms: Benzoic aldehyde, Bitter almond oil
- C_7H_6O
- $M = 106,13 \text{ g/mol}$
- CAS [100-52-7]
- EINECS-No.: 202-860-4
- Density: $1,05 \text{ g/cm}^3$
- Solub. in water: (20 °C): 3,3 g/l
- Melting point: -56 °C
- Boiling point: 179 °C
- Flash pt. 64 °C
- Ignition temp.: 190 °C
- Vapour pressure: (20 °C) 1,3 hPa
- Refraction index: (n 20 °C/D) 1,5450
- LD 50 (oral, rat): 1300 mg/kg
- EC-Index-No.: 605-012-00-5
- ADR: 9 M11 III UN 1990
- IMDG: 9 III UN 1990
- IATA/ICAO: 9 III UN 1990
- GHS-signal word: Warning
- GHS-H sentences: H302
- GHS-P sentences: P264 - P270 - P330 - P301 + P312 - P501a
- Tariff number: 2912 21 00 00
- Applications: solvents, perfumery, synthesis of organic products, manufacture of dyes.

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

ART. NO.	VOLUME	CONTAINER
BE01601000	1 l	0
BE01602500	2,5 l	0
BE0160005P	5 l	P
BE0160025P	25 l	P

BENZALKONIUM CHLORIDE

BE0155 Benzalkonium chloride, EssentQ®



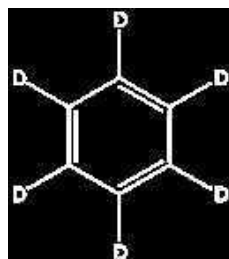
- Synonyms: Alkylbenzyltrimethylammonium chloride, Benzyltrimethylalkylammonium chloride
- $C_{19}H_{29}ClN$
- $M = 284 \text{ g/mol}$
- CAS [63449-41-2]
- EINECS-No.: 264-151-6
- Solub. in water: (20 °C): soluble
- Melting point: 29 - 34 °C
- EC-Index-No.: 612-140-00-5
- ADR: 8 C4 II UN 3261
- IMDG: 8 II UN 3261
- IATA/ICAO: 8 II UN 3261
- GHS-signal word: Danger
- GHS-H sentences: H314 - H400 - H302 - H312
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 3402 12 00 00
- Applications: analytical chemistry, disinfectant.

assay (argentometric, on dried sample) min. 97 %
 identity (IR-spectrum) passes test
 water 1 - 6 %

ART. NO.	VOLUME	CONTAINER
BE01550250	250 g	0
BE01551000	1 kg	0

BENZENE-D6

BE0040 Benzene-d6, deuteration degree min. 99,5%, NMR spectroscopy grade, Spectrosol®



- Synonyms: Hexadeuterobenzene
- C_6D_6
- $M = 84,15 \text{ g/mol}$
- CAS [1076-43-3]
- EINECS-No.: 214-061-8
- Density: $0,95 \text{ g/cm}^3$
- Solub. in water: (20 °C): non-miscible
- Melting point: 6,7 °C
- Boiling point: 79 °C
- Flash pt. -11 °C
- Ignition temp.: 555 °C
- LD 50 (oral, rat): 930 mg/kg
- ADR: 3 F1 II UN 1114
- IMDG: 3 II UN 1114
- IATA/ICAO: 3 II UN 1114
- GHS-signal word: Danger
- GHS-H sentences: H225 - H340 - H350 - H372 - H304 - H315 - H319
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2845 90 10 00
- Applications: for nuclear magnetic resonance spectroscopy.

deuteration degree min. 99,5 %
 water (K.F., $H_2O + D_2O$) max. 0,02 %
 performance test (NMR-spectrum) passes test

ART. NO.	VOLUME	CONTAINER
BE00400010	10 ml	0