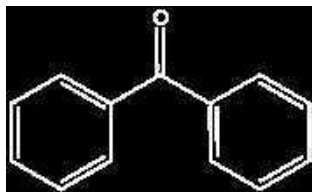


BENZOPHENONE

BE0245 Benzophenone, EssentQ®



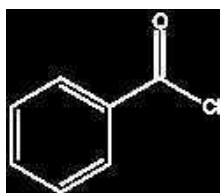
- Synonyms: Diphenyl ketone
- $C_{13}H_{10}O$
- $M = 182,22 \text{ g/mol}$
- CAS [119-61-9]
- EINECS-No.: 204-337-6
- Solub. in water: (20 °C): insoluble
- Melting point: 47 - 49 °C
- Boiling point: 304 - 306 °C
- Flash pt. 150 °C
- Vapour pressure: (108 °C) 1,3 hPa
- LD 50 (oral, rat): > 10000 mg/kg
- ADR: 9 M7 III UN 3077
- IMDG: 9 III UN 3077
- IATA/ICAO: 9 III UN 3077
- GHS-signal word: Warning
- GHS-H sentences: H400 - H410
- GHS-P sentences: P273 - P391 - P501a
- Tariff number: 2914 39 00 90
- Applications: analytical chemistry, for pharmaceutical use.

assay (G.C.) min. 99 %
 identity (IR-spectrum) passes test
 residue on ignition max. 0,03 %

ART. NO.	VOLUME	CONTAINER
BE02450250	250 g	
BE02451000	1 kg	

BENZOYL CHLORIDE

CL0270 Benzoyl chloride, EssentQ®

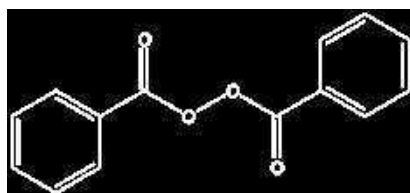


- Synonyms: Benzenecarbonyl chloride, Benzoic acid chloride
- C_7H_5ClO
- $M = 140,57 \text{ g/mol}$
- CAS [98-88-4]
- EINECS-No.: 202-710-8
- Density: 1,21 g/cm³
- Solub. in water: (20 °C): hydrolysis reaction
- Melting point: -0,6 °C
- Boiling point: (4 hPa) 49 °C
- Flash pt. 72 °C
- Ignition temp.: 600 °C
- Vapour pressure: (20 °C) 0,5 hPa
- LD 50 (oral, rat): 2460 mg/kg
- EC-Index-No.: 607-012-00-0
- ADR: 8 C3 II UN 1736
- IMDG: 8 II UN 1736
- IATA/ICAO: 8 II UN 1736
- GHS-signal word: Danger
- GHS-H sentences: H314 - H302 - H312 - H332 - H317
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2916 32 90 00
- Applications: analytical chemistry, synthesis of organic products.

assay (G.C.) min. 99 %
 identity (IR-spectrum) passes test
 density (20°/4°) 1,210 - 1,214
 residue on ignition max. 0,01 %

ART. NO.	VOLUME	CONTAINER
CL02701000	1 l	
CL0270025A	25 l	

BENZOYL PEROXIDE



- Synonyms: Dibenzoyl peroxide
- $C_{14}H_{10}O_4$
- $M = 242,23 \text{ g/mol}$
- CAS [94-36-0]
- EINECS-No.: 202-327-6
- Solub. in water: (20 °C): almost insoluble
- Melting point: 100 - 105 °C (decomposes)
- LD 50 (oral, rat): > 5000 mg/kg
- EC-Index-No.: 617-008-00-0
- ADR: 5.2 P1 UN 3104

- IMDG: 5.2 UN 3104
- IATA/ICAO: 5.2 UN 3104
- GHS-signal word: Danger
- GHS-H sentences: H242 - H319 - H317 - H400
- GHS-P sentences: P210 - P305 + P351 + P338 - P321 - P410 - P411a + P235 - P501a
- Tariff number: 2916 32 00 00
- Applications: oxidizing agent, catalyst, synthesis of polymers, in pharma industry.
- Appearance: White powder

PE0165 Benzoyl peroxide, moistened with 25% H₂O, EssentQ®

assay (iodometric, referred to dried sample) min. 98 %
 identity (IR-spectrum) passes test
 water approx. 25 %

ART. NO.	VOLUME	CONTAINER
PE01650100	100 g	

ART. NO.	VOLUME	CONTAINER
PE01651000	1 kg	