

BENZYL CHLORIDE

CL0250 Benzyl chloride, EssentQ®



- Synonyms: α -Chlorotoluene, Chloromethylbenzene
- C_7H_7Cl
- $M = 126,59 \text{ g/mol}$
- CAS [100-44-7]
- EINECS-No.: 202-853-6
- Density: $1,10 \text{ g/cm}^3$
- Solub. in water: (30 °C): 460 mg/l
- Melting point: $-41,2 \text{ }^\circ\text{C}$
- Boiling point: (79 hPa) $100 \text{ }^\circ\text{C}$
- Flash pt. $60 \text{ }^\circ\text{C}$
- Ignition temp.: $585 \text{ }^\circ\text{C}$
- Vapour pressure: (20 °C) 1,2 hPa
- Refraction index: (n 20 °C/D) 1,5380
- LD 50 (oral, rat): 440 mg/kg
- EC-Index-No.: 602-037-00-3
- ADR: 6.1 TC1 II UN 1738
- IMDG: 6.1 II UN 1738
- IATA/ICAO: 6.1 II UN 1738
- GHS-signal word: Danger
- GHS-H sentences: H331 - H350 - H373 - H318 - H226 - H302 - H315 - H335
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2903 99 90 90
- Applications: perfumery, for pharmaceutical use, manufacture of dyes, manufacturing of synthetic resins.

assay (G.C.) min. 99 %
identity (IR-spectrum) passes test
density (20°/4°) 1,099 - 1,100
residue on ignition (as SO_2) max. 0,005 %

ART. NO.	VOLUME	CONTAINER
CL02501000	1 l	0

BIPHENYL

BI0033 Biphenyl, EssentQ®



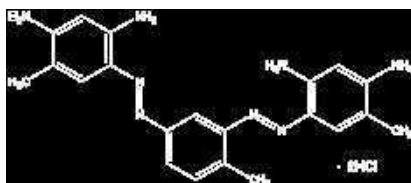
- Synonyms: Diphenyl, Phenylbenzene
- $C_{12}H_{10}$
- $M = 154,21 \text{ g/mol}$
- CAS [92-52-4]
- EINECS-No.: 202-163-5
- Solub. in water: (20 °C): insoluble
- Melting point: $68 - 70 \text{ }^\circ\text{C}$
- Boiling point: $255 \text{ }^\circ\text{C}$
- Flash pt. $113 \text{ }^\circ\text{C}$
- Ignition temp.: $570 \text{ }^\circ\text{C}$
- Vapour pressure: (20 °C) 0,07 hPa
- LD 50 (oral, rat): 2140 mg/kg
- EC-Index-No.: 601-042-00-8
- 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 - H315 - H319 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2902 90 30 00
- Applications: synthesis of organic products, analytical chemistry.

assay (G.C.) min. 99 %
identity (IR-spectrum) passes test
residue on ignition max. 0,01 %

ART. NO.	VOLUME	CONTAINER
BI00330500	500 g	0

BISMARCK BROWN R, C.I. 21010

PA0150 Bismarck brown R, C.I. 21010, for microscopy



- Synonyms: Basic brown 4, Vesuvin, 4,4'-(1,3-Phenylenebis(azo))bis(1,3-benzenediamine)
- $C_{24}H_{24}N_8 \cdot 2HCl$
- $M = 461,40 \text{ g/mol}$
- CAS [5421-66-9]
- EINECS-No.: 226-541-4
- Melting point: $222 \text{ }^\circ\text{C}$
- Tariff number: 2927 00 00 90
- Applications: dye (for biology, cosmetics).

Absorption maximum λ (in H_2O) 463 - 467 nm
Absorptivity ($A_{1\%}^1 \text{ cm}$; λ , max) min. 250
related substances (TLC) passes test
loss on drying (110 °C) max. 10 %

ART. NO.	VOLUME	CONTAINER
PA01500050	50 g	0

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