



Blue Lotus Chem

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## TECHNICAL DATA SHEET

Product Name:

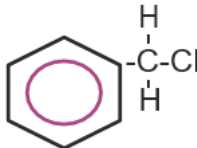
### BENZYL CHLORIDE (BCL)

CAS Number: 100-44-7

#### CHEMICAL NAMES

Chlorophenylmethane, Chlorotoluene, Chloromethylbenzene, Toly chloride, Phenylmethyl chloride

#### PROPERTIES

Empirical Formula	C <sub>7</sub> H <sub>7</sub> Cl	
Structural Formula	C <sub>6</sub> H <sub>5</sub> -CH <sub>2</sub> -Cl	
Molecular Wt.	126.59	
Appearance	Colorless liquid with a pungent, irritating odor.	
Toxicity	Hazardous by inhalation and skin absorption.	
Flash Point	67°C	
Water Solubility	Slightly soluble in water	
Corrosiveness	Corrosive to metals and tissue.	
Special Properties	Functions as a lachrymator (causes tearing).	
Density	1.09 g/cm <sup>3</sup> .	

#### SPECIFICATIONS

Characteristics	Unit	Value
Color By Tintometer	APHA	20 (max)
Odor	--	Sharp Pungent
Purity (GLC)	% by area	99.50% (min)
Low Boiling Imp. (GLC)	% by area	0.20% (max)
High Boiling Imp. (GLC)	% by area	0.30% (max)
Specific Gravity (27°C)	--	1.094 - 1.095

## APPLICATIONS

- Dyes
- Drug Intermediates
- Benzyl Compounds
- Synthetic Tannins
- Perfumery
- Pharmaceuticals
- Photographic Developers
- Penicillin Precursors
- Gasoline Gum Inhibitors
- Inhibitors
- Quaternary Ammonium Compounds

PACKAGING	IBC/TOTE, ISO tank.
STORAGE	It is stored in a tightly closed container in a cool & dry ventilated area.
SHELF LIFE	Original characteristics remain intact for 06 months, if kept in recommended storage.
SAFETY	MSDS can be provided on request.

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