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## Typical Product Specifications & Properties

# 4-Methylbenzyl chloride

CAS Number: : 104-82-5

Specifications	Limits
Molecular weight	140.61
EINECS	203-241-1
SMILES	<chem>Cc1ccc(cc1)CCl</chem>
InChI	1S/C8H9Cl/c1-7-2-4-8(6-9)5-3-7/h2-5H,6H2,1H3
InChIKey	DMHZDOTYAVHSEH-UHFFFAOYSA-N
Refractive Index	1.533
Water solubility	Insoluble
BRN Number	507387
Boiling Point	200 &deg;C
Merck	14,10091
Storage Temperature	2-8&deg;C
Melting Point	4 &deg;C



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Specifications	Limits
Density	1.062 g/mL at 25 &deg;C
Sensitive	Lachrymatory
Flash Point	168 &deg;F
Henry's Law Constant	2.31E-03 atm-m <sup>3</sup> /mole
log P (octanol-water)	3.340
Vapor Pressure	0.297 mm Hg
Atmospheric OH Rate Constant	3.80E-12 cm <sup>3</sup> /molecule-sec
Boiling Point	201 &deg;C
Melting Point	< 25 &deg;C
Water solubility	117 mg/L



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