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Typical Product Specifications & Properties

3,4-Dichlorophenol

CAS Number: : 95-77-2

Specifications	Limits
Molecular weight	163.00
EINECS	202-450-5
SMILES	<chem>c1(c(ccc(c1)O)Cl)Cl</chem>
InChI	1S/C6H4Cl2O/c7-5-2-1-4(9)3-6(5)8/h1-3,9H
InChIKey	WDNBURPWRNALGP-UHFFFAOYSA-N
Henry's Law Constant	3.08E-07 atm-m ³ /mole
Water solubility	9260 mg/L
Boiling Point	253 °C
pKa Dissociation Constant	8.63
Vapor Pressure	0.017 mm Hg
Melting Point	68 °C
log P (octanol-water)	3.33





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Specifications	Limits
Atmospheric OH Rate Constant	6.99E-12 cm ³ /molecule-sec
Flash Point	252-255°C
Stability	Stable. Combustible. Incompatible with oxidizing agents, acid chlorides, aci
Boiling Point	145-146 °C
Water solubility	<0.1 g/100 mL at 20 ºC
BRN Number	1907693
Storage Temperature	0-6°C
Melting Point	65-67 °C



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