

## Typical Product Specifications & Properties

# Pentachlorophenol

**CAS Number: 87-86-5**

Specifications	Limits
Molecular weight	266.34
InChI	1S/C6HCl5O/c7-1-2(8)4(10)6(12)5(11)3(1)9/h12H
InChIKey	IZUPBVBPLAPZRR-UHFFFAOYSA-N
Vapor Pressure	1.10E-04 mm Hg
pKa Dissociation Constant	4.7
Atmospheric OH Rate Constant	5.50E-13 cm <sup>3</sup> /molecule-sec
Water solubility	14 mg/L
log P (octanol-water)	5.12
Henry's Law Constant	2.45E-08 atm-m <sup>3</sup> /mole
Boiling Point	309.5 ° C
Melting Point	174 ° C
Storage Temperature	0-6°C
Flash Point	11 °C
Merck	7109
Stability	Stable. Incompatible with strong oxidizing agents.
Melting Point	165-180 °C
Vapor Density	q ?