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## Typical Product Specifications & Properties

# ACETANILID

CAS Number: : 103-84-4

Specifications	Limits
Molecular weight	135.16
EINECS	203-150-7
InChI	1S/C8H9NO/c1-7(10)9-8-5-3-2-4-6-8/h2-6H,1H3,(H,9,10)
InChIKey	FZERHIULMFGESH-UHFFFAOYSA-N
Henry's Law Constant	5.57E-09 atm-m3/mole
pKa Dissociation Constant	0.5
Atmospheric OH Rate Constant	1.25E-11 cm3/molecule-sec
log P (octanol-water)	1.16
Water solubility	6390 mg/L
Melting Point	114.3 &deg; C
Boiling Point	304 &deg; C
Boiling Point	304 &deg; C



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Specifications	Limits
BRN Number	606468
Stability	Stable. Combustible. Incompatible with strong oxidizing agents, caustics, alkalies.
Vapor Density	4.65
Density	1,121 g/cm <sup>3</sup>
Water solubility	5 g/L (25 °C)
Vapor Pressure	1 mm Hg ( 114 &deg;C)
Flash Point	173 &deg;C
Melting Point	113-115 &deg;C
Merck	14,50



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