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Typical Product Specifications & Properties

(Trichloromethyl)benzene

CAS Number: : 98-07-7

Specifications	Limits
Molecular weight	195.47
EINECS	202-634-5
InChI	1S/C7H5Cl3/c8-7(9,10)6-4-2-1-3-5-6/h1-5H
InChIKey	XEMRAKSQROQPBR-UHFFFAOYSA-N
Water solubility	53 mg/L
Henry's Law Constant	2.60E-04 atm-m ³ /mole
Melting Point	-5.00E+00 °C
Boiling Point	221 °C
log P (octanol-water)	3.900
Atmospheric OH Rate Constant	3.57E-13 cm ³ /molecule-sec
Density	1.38 g/mL at 25 °C
BRN Number	508152



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Specifications	Limits
Water solubility	HYDROLYSIS
Sensitive	Moisture Sensitive
Stability	Stable, but moisture sensitive. Incompatible with strong oxidizing agents, moisture.
Refractive Index	1.557
Flash Point	207 °F
Merck	14,1109
Vapor Density	6.77
Vapor Pressure	0.2 mm Hg (20 °C)
Boiling Point	219-223 °C/760 mm Hg
Melting Point	-7.5-7 °C



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