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Typical Product Specifications & Properties

1,4-BUTANEDIOL

CAS Number: : 110-63-4

Specifications	Limits
Molecular weight	90.12
EINECS	203-786-5
InChI	1S/C4H10O2/c5-3-1-2-4-6/h5-6H,1-4H2
InChIKey	WERYXYBDKMZ EQL-UHFFFAOYSA-N
pKa Dissociation Constant	14.5
Henry's Law Constant	1.30E-09 atm-m ³ /mole
Melting Point	20.1 ° C
Boiling Point	235 ° C
log P (octanol-water)	-0.83
Vapor Pressure	0.0105 mm Hg
Water solubility	1.00E+06 mg/L
Atmospheric OH Rate Constant	1.11E-11 cm ³ /molecule-sec



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Specifications	Limits
Boiling Point	230 °C
BRN Number	1633445
Water solubility	Miscible
Flash Point	135 °C
Refractive Index	1.445
Storage Temperature	2-8°C
Density	1.017 g/mL at 25 °C
Melting Point	20 °C
Stability	Stable. Combustible. Incompatible with strong oxidizing agents, mineral acids, acid chlorides, acid anhydrides.
Vapor Density	3.1
Sensitive	Hygroscopic



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