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Typical Product Specifications & Properties

N-Ethyldiethanolamine

CAS Number: : 139-87-7

Specifications	Limits
Molecular weight	133.19
EINECS	205-379-8
SMILES	<chem>N(CCO)(CCO)CC</chem>
InChI	1S/C6H15NO2/c1-2-7(3-5-8)4-6-9/h8-9H,2-6H2,1H3
InChIKey	AKNUHUCEWALCOI-UHFFFAOYSA-N
Refractive Index	1.4665
Boiling Point	246-252 °C
Melting Point	-50 °C
Density	1.014 g/mL at 25 °C
Flash Point	255 °F
Atmospheric OH Rate Constant	1.05E-10 cm ³ /molecule-sec
Melting Point	-5.00E+01 °C



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Specifications	Limits
Boiling Point	247 ° C
Water solubility	1.00E+06 mg/L
log P (octanol-water)	-1.010
Molecular weight	344.20
EINECS	205-381-9
SMILES	[Na+].[Na+].[Na+].C([O-])(=O)C[N@@](CCN(CC([O-])=O)CC([O-])=O)CCO
InChI	WHNXAQZPEBNFBC-UHFFFAOYSA-K
InChIKey	1S/C10H18N2O7.3Na/c13-4-3-11(5-8(14)15)1-2-12(6-9(16)17)7-10(18)19;;;/h13H,1-7H2,(H,14,15)(H,16,17)(H,18,19);;;/q;3*+1/p-3
Atmospheric OH Rate Constant	1.89E-10 cm3/molecule-sec
log P (octanol-water)	-4.090
Storage Temperature	Store at room temperature.
Stability	Hygroscopic



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Specifications	Limits
Merck	9966
Melting Point	288 °C (dec.)



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