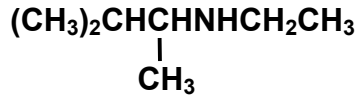


N-Ethyl-1,2-dimethylpropylamine



Empirical Formula C₇H₁₇N
Molecular Weight 115.22
CAS # 2738-06-9

General Description

N-Ethyl-1,2-dimethylpropylamine (EDMPA) is a strongly basic, clear, colorless liquid. It has an ammonia-like odor, tends to darken on standing and is slightly soluble in water.

Applications

- Pesticides

Physical Properties

Chemical Synonym	EDMPA
Specific Gravity @39°F (4°C)	0.76
Liquid Density	
lb/gal @68°F	6.25
g/ml @20°C	0.75
Freezing Point	
°F@1atm	<-58
°C@1atm	<-50
Vapor Pressure mm Hg	
@68°F	17
kPa @20°C	2.21
Vapor Pressure mm Hg	
@104°F	48
kPa @40°C	6.40
Normal Boiling Point	
°F	236.19
°C	113.44
Critical Temperature	
°F	538.12
°C	281.18
Critical Pressure	
atm	24.78
kPa	2510
Flash Point,Closed Cup	
°F	50.4
°C	10.22
kPa	10.88
Latent Heat of Vaporization Btu/lb	
@ 1atm J/G	126.93
@ 1 atm	295.23

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