



Empirical Formula $\text{C}_6\text{H}_{15}\text{N}$
 Molecular Weight 101.19
 CAS # 108-18-9

Chemical Synonym

DIPA

Physical & Chemical behaviour

Diisopropylamine (DIPA) is a colorless liquid. It is soluble in water and has an ammonia-like odor.

Specifications

Specification property	Specification limits			Analytical method
	UNIT	MIN	MAX	
Diisopropylamine	Wt %	99.5		CM-006-91
Water	Wt %		0.1	CM-91-88
Color	APHA		15	CM-92-88 (S) 94-CM-081 (P)
Monoisopropylamine	Wt %		0.1	CM-006-91
Acetone	Wt %		0.1	CM-006-91
Isopropanol	Wt %		0.2	CM-006-91
N-Isopropylidene-Isopropylamine	Wt %		0.1	CM-006-91
Suspended Matter	Substantially Free			CM-99-88

Physical properties

Property	Value
Specific Gravity 20°C/20°C	0.715 – 0.720
Liquid Density	
lb/gal@68°F	5.97
g/ml@20°C	0.72
Freezing Point	
°F@1atm	<-58
°C@1atm	<-50
Vapor Pressure mm Hg	
@68°F	63
kPa@20°C	8.35
Vapor Pressure mm Hg	
@104°F	158
kPa@40°C	21.05
Normal Boiling Point	
°F	181.49
°C	83.05
Critical Temperature	
°F	480.30
°C	249.06
Critical Pressure	
Atm	29.53
kPa	2992
Flash Point, Closed Cup	
°F	<32
°C	<0
kPa	11.21
Latent Heat of Vaporization Btu/lb	
@1atm J/G	133.56
@1atm	310.65

Applications

- Pesticides
- Polyester Fibers
- Rubber Accelerators
- Alkylalkanolamines
- Pharmaceuticals

Labeling

See Material Safety Data Sheet

Transport regulations

See Material Safety Data Sheet

Toxicology / Ecotoxicology

See Material Safety Data Sheet

Characteristics

See Material Safety Data Sheet

For further questions please contact our regional sales departments

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