

## Product Specifications

### Diethyl amines (DEA)

<b>CAS No.</b>	109-89-7	
<b>Nature</b>	It is a colorless liquid with strong smell of ammonia	
<b>Physical Properties</b>	Empirical Formula	C <sub>4</sub> H <sub>11</sub> N
	Molecular Weight	73,14
	Specific Gravity at 20°C	0,703-0,707
	Refractive Index	1,3864
	Boiling Point	55,5 °C
	Freezing Point	-50 °C
	Color (APHA) Max	15
	Solubility in water	Soluble
	Flash Point	< - 17,8 °C
	Auto ignition temperature	312 °C
	Flammable Limits	LEL : 1,8 vol% HEL : 10,1 vol%
	<b>Vapor Pressures</b>	
	<b>Pressure in mm Hg</b>	<b>Temperature in °C</b>
	40	-10,5
100	7,0	
300	31,0	
760	55,5	
<b>Specifications</b>	Purity min (wt%) by GC	99,5
	Water content (max) % by wt	0,20
	Impurities (max) %by wt.	0,40