

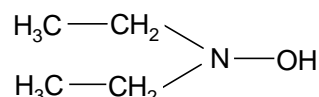


DEHA ANHYDROUS

Specification number: DEHA ANHYDROUS-012011

1. Chemical description:

Chemical name: N,N-Diethylhydroxylamine
Chemical formula: $(C_2H_5)_2NOH$



No CAS: 3710-84-7
No EINECS: 223-055-4

2. Typical properties:

Appearance at 20° C: Colourless liquid
Molecular weight: 89,1 g / mol
Vapour pressure at 25° C: 6,7 hPa
Solubility in water at 20° C: Complete below 35 % and above 85 %
Boiling point at 760 mm Hg: 133° C (decomposition)
Flash point: 50° C
Freezing point: -6° C
Density at 20° C: 0,870 ± 0,005 g / cm³

3. Specification values:

No.	Property	Unit	Specification		Test Method
			Min	Max	
1	DEHA content	wt. %	99,0	-	DJCHEM-201/00 (Titration) DJCHEM-203/04 (GC)
2	DEA content	wt. %	-	0,1	DJCHEM-203/04 (GC)
3	Water content	wt. %	-	1,0	DJCHEM-201/00 (Titration)
4	Density at 20° C	g / cm ³	0,865	0,875	ISO 758:1976
5	Phase separation volume < 20° C	%	-	0	Visual
6	Colour	APHA	-	30	DJCHEM-204/04 ISO 6271:1997
7	Appearance	-	Clear without solids		Visual

Signature: