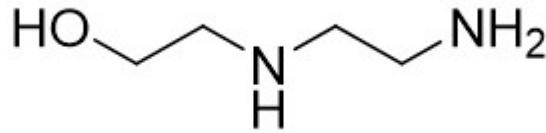


# Aminoethylethanolamine (AEEA)

2-(2-aminoethylamino)ethanol



Aminoethylethanolamine (AEEA) is a linear molecule with primary and secondary amine groups. AEEA is a colorless liquid, with slightly higher viscosity than EDA and DETA. It is used as an intermediate in the fabrication of detergents, fabric softeners, chelates, fuel additives and coatings.

CAS number  
111-41-1

EINECS/ELINCS No.  
203-867-5

Molecular weight  
104.15

Molecular formula  
C<sub>4</sub>H<sub>12</sub>N<sub>2</sub>O

## Specifications

Appearance (MOA 200)	Clear liquid
Assay (MOA 553)	≥ 99.6 wt%
Ethylene diamine (MOA 558)	≤ 100 ppm
Color (MOA 201)	≤ 20 Hazen
Water (MOA 305)	≤ 0.2 wt%

## Characteristics

Form	Viscous liquid
Color	Colorless
Odor	Ammonical
Water solubility	Miscible
Solubility in other solvents	Ethanol
pH, 25% solution	12
Melting point/freezing point, 1013 hPa	-38 °C
Boiling point/boiling range, 1013 hPa	243 °C
Flash point, 1013 hPa	132 °C
Ignition temperature	> 150 °C
Vapor pressure, 20°C	0.012 hPa
Relative vapor density, air = 1.0	3.6
Density, 25°C	1.024 kg/m <sup>3</sup>
Relative density, 25°C	1.026
Partition coefficient, N-octanol/water, 25°C, log Pow	-1.46
Dynamic viscosity, 20°C	141 mPa.s

### Notes:

Methods of Analysis (MOA) are available upon request. In case of dispute, the listed Method of Analysis will be used as reference methods.

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The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a blue sans-serif font.