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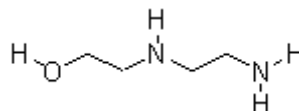
Site: www.tnjchem.com

## Technical Data Sheet

# Amino Ethyl Ethanolamine

### Product Information

Chemical Name	Amino Ethyl Ethanolamine
CAS #	111-41-1
Formula	C <sub>4</sub> H <sub>12</sub> N <sub>2</sub> O
Molecular Weight	104.15
Synonyms	AEEA
Chemical Structure	



### Description

AEEA is colorless viscous liquid with a light smell of ammonia, soluble in water and slightly soluble in ether. It can absorb carbon dioxide in the air.

### Physical Properties

Melting point, °C	-28°C
Boiling point, °C	215.98°C
Density @ 20°C, g/cm <sup>3</sup>	0.992
Flash point	84.422°C

### Specification

Items	Specification
Appearance	Transparent liquid without suspended matter
Chroma (platinum- cobalt)	≤30
Content,%	≥99.5

Specific density	1.028-1.033
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### Safety

Always refer to the Material Safety Data Sheet (MSDS)

### Applications

It is used as additive to cosmetics (shampoo) and lubricants,a raw material to manufacture textile auxiliary agent such as softener (flake), and is also as resin material and surface activator.

- Surface activator:It is used as raw material of surface activator for imidazolineion, and as amphoterics.
- Additive to detergent: It can prevent copper-nickel alloy from browning.
- Additive to lubricant: It is added to lubricant in the form of a polymer with methyl propyl acid. It is also used as antiseptic agent and sludge dispersant.
- Raw material for all kinds of resin: It can be use as raw material of resin for aqueous dispersion latex paint, paper and adhesives.
- Epoxy resin solidifier.
- Raw material to manufacture textile auxiliary agent such as softener (flake).

### Packaging

210kg/drum,16.8mt/20"container

### Storage & Handling

Do not store in direct sunlight. Store in a tightly closed container.

Store in a cool, dry, well-ventilated area away from incompatible substances.

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation.

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Keep container tightly closed.

Avoid ingestion and inhalation.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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