

Triethanolamine (TEA)

INCI Name: Triethanolamine

CAS Numbers: 102-71-6



Description:

Triethanolamine is 99% pure triethanolamine. Often abbreviated as TEA, it is an amine, an organic compound derived from ammonia which is used in low concentrations as an alkalizing agent to increase the pH of cosmetic formulations.

Technical Data:

Parameter	Unit	Specification
Appearance		
Ash, Sulfated	Wt%	0.000 – 0.050
Assay, as TEA	Wt%	99.5 – 100.8
Color	Pt-Co	0 – 75
DEA	Wt%	0.00 – 0.10
Refractive Index, 20C		1.4810 – 1.4860
Sp. Grav, 25/25 Deg. C		1.1200 – 1.1280
Tea	Wt%	99.00 - 100.00
Water	Wt%	0.00 – 0.20
Residual Solvents		
Identification Test		

Applications

Triethanolamine is used in makeup products such as eyeliners, mascara, eye shadows, blushers, make-up bases and foundations, as well as in fragrances, hair care products, hair dyes, wave sets, shaving products, sunscreens, and skin care/cleansing products.



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