



Diethanolamine
di(2-hydroxyethyl)-amine

Catalog Nr. Q112

Definition Diethanolamine, often abbreviated as DEA, is an organic chemical compound which is both a secondary amine and a dialcohol. A dialcohol has two hydroxyl groups in its molecule. Like other amines, diethanolamine acts as a weak base.

CAS Number 111-42-2

Application DEA and its chemical variants are common ingredients in cosmetics and shampoos, where they are used as to create a creamy texture and foaming action.

Technical Data	Melting point	28.0 °C
	Boiling point	217 °C
	Solubility in water	Soluble
	Vapor pressure	< 0.01 hPa (20 °C)
	R-phrases	R20/21/22, R36/37/38
	Flash point temperature	169 °C c.c.
	Explosive limits	370 °C 1.7 - 6.4 %

Packaging & Handling 450 lb drums; 4 to a pallet

UN Number 3082	Class	Packaging Group
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Remarks UN Nr: 3082/8027