

Technical data sheet



Product name: **Diethanolamine**

Grade: **Laboratory**

Chemical formula: $C_4H_{11}NO_2$

Molar mass: 105.14 g/mol

Synonyms: 2,2'-Iminodiethanol; DIETHANOLAMINE; minodiethanol

General information	
Cas- No.	111-42-2
Ec-No.	203-868-0
Appearance	Oily colorless liquid
Boiling point	269-270 °C
Melting point	28 °C
Flash point	176 °C
Spec.density	1.09 g/cm ³ (30°C)
Vapour pressure	0.01 hpa(25°C)
Solub. In H ₂ O	free soluble (20°C)
Storage temp	≤+30 °C
R:	22-38-41-48/22
S:	26-36/37/39-46

Specification	
Assay (GC)	≥99.5 %
Identity(IR)	conforms
Appearance	conforms
Chloride	≤0.0005%
Sulfate	≤0.002%
Heavy metals	≤0.0001%
Iron	≤0.0001%
Ethanolamine	≤0.3%
Triethanolamine	≤0.3%
Ignition temp	365-370 °C
Sulfate ash (600 °C)	≤0.005%
Water	≤0.25%

Symbol:



packaging:

Available Pack	1 lit	2/5 lit	5 lit	10 lit	20 lit
GLASS	-	-	-	-	-
P.E	-	-	-	-	-



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