



Specialized in chemicals

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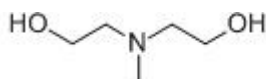
Technical Data Sheet

N-Methyldiethanolamine

Product Information

Chemical Name	N-Methyldiethanolamine
CAS #	105-59-9
Formula	C ₅ H ₁₃ NO ₂
Molecular Weight	119.16372
Synonyms	MDEA; 2,2'-(Methylimino)diethanol

Chemical Structure



Description

N-Methyldiethanolamine, MDEA. It is a colorless or yellowish sticky liquid without suspended substance

Physical Properties

Melting point, °C .	- 21
Boiling range, °C	246 -248
Density @ 25°C, g/cm ³	1.038
Flash point, °C	127

Specification

Appearance	Colorless or light yellow liquid
Assay, by GC	99.0% MIN.
Water content	0.2% MAX.
MMEA	0.5 MAX.
Ethylene Glycol	0.3 MAX.

Di-ethylene Glycol	0.5 MAX.
Heavy Component	0.5 MAX.
Platinum-Cobalt-Hazen	80 MAX.
Specific gravity (20°C)	1.035~1.050 g/m ³

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

Widely used in oil field gas and gas desulphurization purification of emulsifier and acidic gas absorption agent, ph control agent, polyurethane foam catalyst.MDEA also can be used as a pesticide, emulsifier, fabric additives of semi-finished products, antitumor drug intermediates and amino formic acid ester of hydrochloric acid nitrogen mustard coating catalyst, fiber additives, etc., at the same time, also is a kind of paint drying agent.

Packaging

200kg per plastic or iron drum.
16mt per 20ft container

Storage & Handling

Suitable light light discharge, prevent hit so hard, do not inverted, avoid sharp, stored in a dry, cool and warehouse.

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

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