OMEGA FINE PRODUCTS (PTY) LTD
ADDRESS: 128 Pebble Street, Clayville ext 14,
Olifantsfontein, 1666, Gauteng, South Africa.
POSTAL: P.O. Box 1239, Olifantsfontein, 1665, South Africa
TELEPHONE: 011 316 2064

PRODUCT SPECIFICATION SHEET
MEG
(1,2-ethanediol; Ethylene glycol)

DESCRIPTION: Monoethylene glycol is a clear, colourless and hygroscopic liquid, with moderately viscous. It is completely miscible with water and many organic liquids.

Physical Properties	
CAS Number	107-21-1
Formula	C2H6O2
Form	Liquid
Appearance	Clear
Molecular Weight	7
pH	198
Boiling Point, 760 mm Hg, °C	111
Flash Point, PMCC, °C	-12
Freezing Point, °C	1.1153
Specific Gravity, 20/20°C	0.57
Conductivity, µS/cm	1.4321
Refractive Index, 20°C	0.06
Vapor Pressure, mm Hg, 20°C	8.712
Viscosity, cSt, 40°C	<0.1
Sodium as Na, ppm	<0.1
Sulphate as SO42-, ppm	<1

REGULATORY INFORMATION:
IMDG Classification: Non-Dangerous Goods
HMIS Code: 2-1-0

HANDLING AND STORAGE:
Keep the material in the anhydrous state to prevent severe corrosion to the carbon steel or aluminium tank and related equipment. For longer term colour stability, it is recommended that the product be stored under an inert atmosphere. Monoethylene glycol products have 24 months of shelf-life time under unopened drum. The product should be re-evaluated after 24 months to reconfirm the product quality, if properly stored and protected from contamination. Due to Monoethylene glycol is very sensitive with moisture, an elevated moisture level when do re sampling might be faced. The periods of exposure to high temperatures should be minimized. Avoid directly contact with sunlight and higher temperature. Monoethylene glycol is recommended to be stored under an inert atmosphere such as nitrogen blanket to sustain product stability.

PACKAGING: 25kg Plastic Container

SAFETY: Wear appropriate personal protective equipment, including appropriate

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respiratory protection. Avoid contact with skin, eyes or clothing.
Information provided is based on Laboratory evaluations and data believed to be reliable. Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for his own use. Freedom from patent restrictions must not be assumed.

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ISSUE NO: JUNE 2026