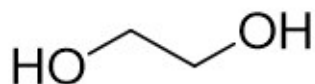


# Monoethyleneglycol (MEG)

Ethane-1,2-diol



MEG is a colorless liquid with low volatility. The product is extremely hygroscopic. MEG is miscible with water, alcohols, aldehydes, ketones and esters. MEG can be used as solvents for dyestuff and printing inks; is also commonly used in the production of unsaturated resin, PET fibers and antifreeze fluids.

CAS number  
107-21-1

EINECS/ELINCS No.  
203-473-3

Molecular weight  
62.07

Molecular formula  
C<sub>2</sub>H<sub>6</sub>O<sub>2</sub>

## Specifications

Appearance (MOA 200)	Clear liquid
Assay (calculated)	≥99.4 wt%
Acid value (MOA 225)	≤ 0.1 mg KOH/g
Diethylene glycol (MOA 665)	≤ 0.3 wt%
Color (MOA 201)	≤ 15 Hazen
Water (MOA 208)	≤ 0.1 wt%

## Characteristics

Form	Viscous liquid
Color	Colorless
Odor	Mild
Water solubility	Completely
Solubility in other solvents	Acetone;Ethanol
pH	9
Melting point/freezing point, 1013 hPa	-13 °C
Boiling point/boiling range, 1013 hPa	197.4 °C
Flash point, 1013 hPa, closed cup	111 °C
Ignition temperature	410 °C
Vapor pressure, 25°C	0.123 hPa
Relative vapor density, air = 1.0	2.1
Density, 20°C	1113 kg/m <sup>3</sup>
Relative density, 20°C	1.11
Partition coefficient, N-octanol/water, 20°C, log Pow	-1.36
Dynamic viscosity, 25°C	16.1 mPa.s

Notes:



All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

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The Nouryon logo features a stylized orange 'N' followed by the word 'ouryon' in a lowercase, orange, sans-serif font.