

MONOETHYLENE GLYCOL (MEG)



CAS Number: 107-21-1

Other Names: Ethylene Glycol (EG); Hypodicarbonous Acid; Ethanediol;
1,2-Dihydroxaethane; 1,2-Ethanediol; Ethylene alcohol;
Ethylene Oxide Hydrate; Glycol; Genantin; Glysantin

Formula: $C_2H_6O_2$

PRODUCT INTRODUCTION

Monoethylene glycol (MEG) is an organic compound with formula $C_2H_6O_2$. It is colorless liquid with low volatility. The product is extremely hygroscopic. MEG is miscible with water, alcohols, aldehydes, ketones and esters. It is odorless, but has a sweet taste.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid
Suspended Matter	None
Color (Pt-Co)	3
Specific Gravity at 20/20°C	1.1154
Purity	99.98 wt%
Diethylene Glycol	0.005 wt%
Water Content	0.016 wt%
UV Transmittance at 220nm	88.1 %
UV Transmittance at 275nm	98.6 %
UV Transmittance at 350nm	100.0 %
Acidity as acetic acid	8 mg/kg
Aldehyde as CH_3CHO	3.1 mg/kg
Iron as Fe	0.05 mg/kg
Chloride as Cl	0.1 mg/kg
Ash Content	4 mg/kg

APPLICATIONS

- Monoethylene glycol is used to make antifreeze and de-icing solutions for cars, airplanes, and boats.
 - It is also used in hydraulic brake fluids and inks used in stamp pads, ballpoint pens, and print shops.
 - In adhesives, it is used as a component of articles intended for use in packaging, transporting, or holding food
 - In the manufacture of resinous and polymeric coatings for food-contact surface of articles and in the manufacture of resinous and polymeric coatings for polyolefin films.
 - It also has uses as a defoaming agent in the manufacture of paper and paperboard intended for use in packaging, transporting, or holding food
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PACKING OPTIONS

Drums

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