

GLYCOLS (E-Series)

by **EGR**



AUTHORIZED MARKETING AGENT :



GLYCOLS (E-Series)

PRODUCT NAME

TRIETHYLENE GLYCOL

Also known as TEG or Triglycol

is a colorless, odorless and stable liquid with high viscosity and a high boiling point. It is completely miscible with water and many organic liquids.

(CAS No: 112-27-6)

APPLICATIONS

- Dehydration of natural gas
- Plasticizer for Safety Glass, Separation Membranes, and Ceramic Materials.
- As a Solvent for Resin impregnants, Steam-set printing inks, Cleaning compounds, and Cyanoacrylate and polyacrylonitrile.
- As a Chemical Intermediate for Unsaturated Polyester Resin, Polyester Polyol & Thermoplastic Polyurethanes, Silicone compound, Emulsifier, and Lubricant.
- Provides Freezing Point Depression for Heat transfer fluids.

PHYSICAL PROPERTIES

- | | |
|----------------------------|---------|
| • Boiling Point@760mmHg | 288 °C |
| • Freezing Point | -4.3 °C |
| • Flash Point | 177 °C |
| • Specific Gravity @ 20 °C | 1.125 |
| • Purity | > 99% |
| • Water | < 0.1% |
| • Colour, PT-CO SCALE | ≤ 25 |

SDS & Specs

Available Upon Request

Packaging

Available in
Steel Drums (200Lt)
IBC (1000Lt)

GLYCOLS (E-Series)

PRODUCT NAME

DIETHYLENE GLYCOL

Also known as DEG or Diglycol

is a colorless, practically odorless, poisonous, and hygroscopic liquid with a sweetish taste. It is miscible in water, alcohol, ether, acetone, and ethylene glycol. (CAS No: 111-46-6)

APPLICATIONS

- As a building block in organic synthesis
- Solvent for Nitrocellulose, resins, dyes, oils, and other organic compounds..
- As a humectant for tobacco, cork, printing ink, and glue.
- Key component in brake fluid, lubricants, wallpaper strippers, artificial fog and haze solutions, and heating/cooking fuel.
- Mainly used in the manufacture of unsaturated polyester resins (UPR), polyurethanes (PU), and plasticizers

PHYSICAL PROPERTIES

- | | |
|----------------------------|---------|
| • Boiling Point@760mmHg | 245 °C |
| • Freezing Point | -9.0 °C |
| • Flash Point | 154 °C |
| • Specific Gravity @ 20 °C | 1.118 |
| • Purity | > 99% |
| • Water | < 0.2% |
| • Colour, PT-CO SCALE | ≤ 20 |

MSDS & Specs

Available Upon Request

Packaging

Available in
Steel Drums (200Lt)
IBC (1000Lt)

GLYCOLS (E-Series)

PRODUCT NAME

MONOETHYLENE GLYCOL

Also known as MEG and 1,2-Ethanediol

is an odorless, colorless, syrupy, sweet-tasting liquid.
(CAS No: 107-21-1)

APPLICATIONS

- Antifreeze
- Coolant
- Heat Transfer Agent.
- Precursor to polyester fibers and resins for plastics.
- Dehydrating agent in Natural Gas industry
- Chemical Intermediate for Unsaturated Polyester Resin and manufacture 1,4-Dioxane.

PHYSICAL PROPERTIES

- | | |
|----------------------------|----------|
| • Boiling Point@760mmHg | 197 °C |
| • Freezing Point | -13.4 °C |
| • Flash Point | 116 °C |
| • Specific Gravity @ 20 °C | 1.115 |
| • Purity | > 99% |
| • Water | < 0.2% |
| • Colour, PT-CO SCALE | ≤ 20 |

MSDS & Specs
Available Upon Request

Packaging
Available in
Steel Drums (200Lt)
IBC (1000Lt)

GLYCOLS (E-Series)

PRODUCT NAME

TETRAETHYLENE GLYCOL

Also known as TTEG or TETRA EG

is a member of a homologous series of dihydroxy alcohols. It is a colorless, odorless and stable liquid with high viscosity and a high boiling point.

(CAS No: 112-60-7)

APPLICATIONS

- Heat Transfer Fluids
- As a Plasticizer for Polyester Resins
- Chemical intermediate and as a solvent in the production of inks and dyes.
- As a process solvent in hydrocarbon purification processes.
- As a coupling agent in the production of textile lubricants and formulations.
- Used in Gas Dehydration and Treating

PHYSICAL PROPERTIES

- | | |
|----------------------------|---------|
| • Boiling Point@760mmHg | 329 °C |
| • Freezing Point | -4.0 °C |
| • Flash Point | 202 °C |
| • Specific Gravity @ 20 °C | 1.124 |
| • | |
| • Purity | > 97% |
| • Water | < 1.0% |

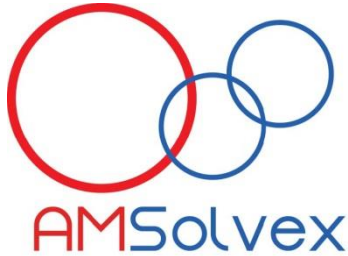
MSDS & Specs

Available Upon Request

Packaging

Available in
Steel Drums (200Lt)
IBC (1000Lt)

Authorized Marketing Agent Contact Details:



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Product Safety, Handling and Storage

Customers considering the use of this product should review the latest Material Safety Data Sheet and label for product safety information, handling instructions, personal protective equipment if necessary, and any special storage conditions required. Material Safety Data Sheets are available upon request from Aik Moh Solvex (M) SDN BHD. Use of other materials in conjunction with products may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.