

## *Ethylene Glycol Solutions*







**Ethylene Glycol Solutions**

Ethylene glycol (IUPAC name: ethane-1,2-diol) is an organic compound with the formula (CH<sub>2</sub>OH)<sub>2</sub>. It is mainly used for two purposes, as a raw material in the manufacture of polyester fibers and for antifreeze formulations. It is an odorless, colorless, sweet-tasting, viscous liquid.

**Ethylene glycol - Wikipedia**

Ethylene glycol poisoning is poisoning caused by drinking ethylene glycol. Early symptoms include intoxication, vomiting and abdominal pain. Later symptoms may include a decreased level of consciousness, headache, and seizures. Long term outcomes may include kidney failure and brain damage. Toxicity and death may occur after drinking even a small amount.

**Ethylene glycol poisoning - Wikipedia**

Ethylene Glycol based water solutions are common in heat-transfer applications where the temperature in the heat transfer fluid can be below 32 °F (0 °C). Ethylene glycol is also commonly used in heating applications that temporarily may not be operated (cold) in surroundings with freezing conditions - such as cars and machines with water cooled engines.

**Ethylene Glycol Heat-Transfer Fluid - Engineering ToolBox**

Ethylene Glycol 3 9/12/13 Ethylene Glycol: HOCH<sub>2</sub>CH<sub>2</sub>OH CAS Registry Number: 107-21-1  
Synonyms: 1, 2-Ethanediol Glycol EG Monoethylene glycol Ethylene glycol is a colorless, practically odorless, low-

**Ethylene Glycol - MEGlobal**

Packaging 1 kg in poly bottle 10, 25 kg in poly drum Application Di(ethylene glycol) ethyl ether is suitable for use as solvent for the polymer electrospinning.

**Di(ethylene glycol) ethyl ether ≥99% | Sigma-Aldrich**

Poly(ethylene glycol) (PEG), otherwise known as poly(oxyethylene) or poly(ethylene oxide) (PEO), is a synthetic polyether that is readily available in a range of ...

**Poly(ethylene glycol) and Poly(ethylene oxide) - Polymers ...**

Lab Method for Gas Chromatography - Mass Spectrometry (GC-MS) Screening Procedure for the Presence of Diethylene Glycol and Ethylene Glycol in Toothpaste

**Lab Method for Gas Chromatography - Mass Spectrometry (GC ...**

This page contains a guide to selecting O-ring materials based on chemical compatibility requirements. The chemical compatibility data can be presented in one of two ways.

**eFunda: O-Ring Materials Compatible with Chemical ...**

Glycol Heat-Transfer Fluids Ethylene Glycol versus Propylene Glycol Water is probably the most efficient heat-transfer fluid known. If it did not freeze, water

**Glycol Heat-Transfer Fluids Ethylene Glycol versus ...**

L'éthylène glycol ou glycol ou encore éthane-1,2-diol est le plus simple composé chimique de la famille des glycols. Sa formule semi-développée est HO—CH<sub>2</sub>—CH<sub>2</sub>—OH et sa formule brute C<sub>2</sub>H<sub>6</sub>O<sub>2</sub> (c'est le plus simple des diols). L'éthylène glycol est fréquemment employé en tant qu'antigel, dans le liquide de refroidissement des automobiles. À température ambiante, c'est un ...

**Éthylène glycol — Wikipédia**

Industrial insulation manufacturer, foam insulation fabricator, urethane insulation, isocyanurate, foamglas, perlite, styrofoam, cellular glass insulate, phenolic ...

**Freezing Points of Ethylene Glycol Mixtures**

1 Introduction Introduction Precautions: Carefully review our current Material Safety Data Sheet Dow: Your Best Source for Tetraethylene Glycol Quality

### **Tetraethylene Glycol - Dow**

From laser to food and beverage and manufacturing process cooling applications, Glen Dimplex Thermal Solutions (GDTS) offers innovative cooling solutions.

### **Dimplex Thermal Solutions - Manufacturer of Process ...**

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### **Preparing Chemical Solutions - The Science Company**

For many heat-transfer applications it is necessary to use a heat-transfer fluid with lower freezing point than water. The most common antifreeze fluid - ethylene glycol - must not be used where there is a chance of leakage to potable water or food processing systems. In food processing systems the common heat-transfer fluid is based on propylene glycol.

### **Propylene Glycol based Heat-Transfer Fluids**

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### **Chemical Processing (CPI) | Industrial Info Resources**

Shell Catalysts & Technologies produces 50% of the world's Ethylene Oxide catalysts and is on the leading-edge of HA, HS catalysts solutions.

### **Ethylene Oxide (EO) Catalysts | Shell Catalysts ...**

1973 Incorporation of Somu & Co a proprietary concern started trading in Chemicals, Solvents, Plasticizers and Acids.. 1981 Incorporation of Solvents and Chemicals Co started marketing Industrial Chemicals and Acids.. 1987 Signed up Distributorship with Supreme Industries Ltd and Siltap Chemicals Ltd for Entire Karnataka state for their products - EPE Foam, Air Bubble sheets, Silpaulin ...

### **SOMU Group of Companies | Home**

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### **eFunda: Chemicals Compatible with O-Ring Material ...**

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