



201 Westland Farm Road
Mount Holly, NC 28120
704-827-0216
www.ArroChem.Com

ETHYLENE GLYCOL

ArroChem's Ethylene Glycol is a colorless, odorless, and sweet-tasting liquid. It is a simple diol compound with two hydroxyl groups (-OH) attached to a two-carbon chain. Ethylene Glycol is commonly used as an industrial chemical, antifreeze agent, and raw material in the production of various products.

General Characteristics:

Appearance:	Clear, colorless liquid
Ionic Nature:	Non-ionic (Covalent compound)
Solubility in Water, 25°C:	Completely soluble
Specific Gravity:	~1.11 g/cm ³ at 20°C



APPLICATION:

Ethylene Glycol finds various applications in industries and products, including:

- **Antifreeze and Coolants:** Used as an automotive and industrial antifreeze agent to prevent freezing and provide protection against overheating and corrosion in cooling systems.
- **Heat Transfer Fluid:** Used as a heat transfer fluid in HVAC systems, geothermal systems, and solar water heaters.
- **Chemical Manufacturing:** Serves as a key ingredient and solvent in the production of polyester resins, polyethylene terephthalate (PET), and other chemical compounds.
- **Deicing Solutions:** Mixed with water to create deicing solutions for aircraft, runways, and roadways during winter.