



Diethylene glycol (DEG)

Diethylene glycol is an organic compound. It is a colorless, practically odorless, and hygroscopic liquid with a sweetish taste. It is a four carbon dimer of ethylene glycol.



Chemical formula	C₄H₁₀O₃
boiling point	244 to 245 °C
Melting point	-10.45 °C (13.19 °F)
Molar mass	106.12 g/mol
density	1.118 g/mL
Appearance	colourless liquid

SOME OF THE MAIN USES:

- SOLVENT IN THE PAINT AND PLASTICS INDUSTRIES.
- DEICING AGENT FOR AIRCRAFT AND RUNWAYS
- COOLANT IN HEATING AND COOLING SYSTEMS
- HUMECTANT IN THE TOBACCO INDUSTRY
- PLASTICIZER IN CELLOPHANE
- LUBRICANT IN METALWORKING FLUIDS
- PRESERVATIVE FOR BIOLOGICAL SPECIMENS
- INGREDIENT IN BRAKE FLUID AND ANTIFREEZE
- COMPONENT OF HYDRAULIC FLUIDS
- IN THE PRODUCTION OF UNSATURATED POLYESTER RESINS

