DEVDHAR CHEMICALS PVT. LTD.

Ethanol Specifications

Parameter	Specification
Chemical name	Ethanol / Ethyl Alcohol
CAS Number	64-17-5
Chemical formula	C_2H_6O
Molecular weight	46.07 g/mol
Purity (common grades)	95% – 99.9% (Absolute / Anhydrous)
Appearance	Colorless, transparent liquid
Odor	Characteristic alcoholic odor
Boiling point	78.3 °C
Melting point	−114 °C
Flash point	~13 °C (Closed cup)
Autoignition temperature	362–363 °C
Specific gravity (20 °C)	~0.789
Density	0.789 g/cm³ at 20 °C
Viscosity	1.2 mPa·s at 20 °C
Solubility	Miscible with water in all proportions
Vapor pressure	59 mmHg at 20 °C
Flammability limits	3.3% – 19% (v/v in air)
UN Number	UN 1170 (for transport)