



Technical Data Sheet

Version:02

Revision Date 19/05/2025

Product name	Ethanol Absolute		
Mol.Formula	C ₂ H ₆ O	CAS No.	64-17-5
Mol.wt.	46.07 g/mol	Storage condition	Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight

Sr.no.	Item test	Units	Specification
1.	Appearance		Colourless, clear, volatile, flammable liquid, hygroscopic.
2.	Solubility		Miscible with water
3.	Identification		Passes test
4.	Density	g/cm ³	0.790-0.793
5.	Boiling point	°C	About 78
6.	Acidity or Alkalinity		Passes test
7.	Residue on evaporation	ppm	Max 25
8.	Absorbance		At 240 nm < 0.4 At 250:260 < 0.3 At 270:340 < 0.1
9.	Methanol	ppm	Max 100
10.	Acetaldehyde	ppm	Max 10
11.	Water content	%	Max 0.2
12.	Assay	%	≥ 99.5





Section 2. Hazards Identification

Hazards identification

Classification of the substance or mixture

Flammable liquids, (Category 2)

Eye irritation, (Category 2)

Label elements



Signal Word Danger

Hazard Statements

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

Precautionary Statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

P242 Use non-sparking tools.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard Statements

None

Other hazards

None

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.



**Ecological information:**

The substance/mixture does not contain components considered to have endocrine disrupting properties

Commission Delegated regulation

(EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

