

# MSB CHEMICAL LIMITED

## TECHNICAL DATA SHEET

### Ethanol Absolute HPLC Grade

Product Code: 5268-33 | CAS Registry Number: 64-17-5

#### PRODUCT IDENTIFICATION

Product Name	Ethanol Absolute HPLC Grade
Brand / House	MSB Chemical Limited (House of Ethanol)
Chemical Formula	$C_2H_5OH$
Molecular Weight	46.07 g/mol
Product Grade	HPLC Grade (High-Performance Liquid Chromatography)
HSN Code (GST)	22071012

#### PHYSICAL & CHEMICAL SPECIFICATIONS

Appearance	Clear, colorless, free-flowing liquid
Purity (Assay)	Absolute / Dehydrated Standard (Optimized for analytical instrumentation)
Optical Quality	High UV transmittance, controlled low baseline noise, minimal residue upon evaporation
Standard Packaging	500 ml amber glass bottle (UV-light resistant protection)

#### APPLICATIONS & METHODOLOGIES

- HPLC Mobile Phase:** Highly recommended as an eluent or co-solvent in High-Performance Liquid Chromatography analytical runs.
- Spectroscopy:** Suitable for UV-Vis spectrophotometry applications requiring highly clear baselines.
- Analytical Research:** Standard specialized reagent for academic, pharmaceutical, and high-purity corporate laboratory applications.

## SAFETY & HAZARD IDENTIFICATION (GHS)

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### SIGNAL WORD: WARNING / DANGER

- **Hazard Statements:** Highly flammable liquid and vapor. Causes serious eye irritation. May cause respiratory irritation or drowsiness.
- **Precautionary Statements:** Keep away from heat, sparks, open flames, hot surfaces, and static discharge. No smoking. Keep container tightly closed.
- **Personal Protective Equipment (PPE):** Wear proper chemical-resistant safety gloves, protective eyewear, and face masks during continuous handling operations.

## MANUFACTURER & REGULATORY CONTACTS

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### Corporate Office

A Wing, 401/402, Floral Deck Plaza, Central MIDC Road, Andheri (East),  
Mumbai - 400093, Maharashtra, India.

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**Disclaimer:** The technical information provided above is specific to the lot criteria outlined by MSB Chemical Limited. Users must conduct their independent validation tests tailored to specific instruments, analytical columns, and sample parameters. Safe storage practices in cool, well-ventilated dedicated chemical rooms are strongly mandated.