TECHNICAL DATA SHEET

METHANOL 99.85% | Methyl Alcohol / Methanol Fuel

Product overview

High-purity methanol (methyl alcohol), a clear, colourless, volatile and readily water-miscible industrial chemical. Supplied by Chemiphase International Ltd for appropriate professional, industrial and specialist fuel applications.

Product identification

Product name	Methanol 99.85%
Chemical name / synonyms	Methanol / methyl alcohol / wood alcohol
CAS number	67-56-1
EC number	200-659-6
Molecular formula	CH3OH
Molecular mass	32.04 g/mol
Chemiphase website SKU	METHANOL-20

Typical technical properties

Purity	Minimum 99.85% by mass (product grade stated on website)
Appearance	Clear, colourless liquid
Density / specific gravity	Approximately 0.791–0.793 at 20°C
Boiling point	Approximately 64.6–64.7°C
Freezing point	Approximately –97.8°C
Flash point	Approximately 10–12°C (closed cup; method dependent)
Water solubility	Completely miscible
Flammability limits in air	Approximately 6–36% by volume

Specification note: Except for the stated minimum purity grade, figures above are published reference properties for methanol and are not batch-specific test results or a certificate of analysis. Confirm any required impurity limits and batch values against the supplier COA.

Principal applications

Suitable for evaluation as a chemical feedstock, industrial solvent, biodiesel processing raw material and specialist motorsport/fuel applications where methanol is specified by the equipment manufacturer. Use in fuel systems only where equipment, materials and operating procedures are explicitly compatible.

Handling and storage

Use only with adequate ventilation and controls appropriate to highly flammable, toxic liquids. Keep away from heat, sparks, flames and ignition sources. Use suitable explosion-protected equipment, earthing/bonding and compatible closed containers. Store securely in a cool, ventilated, designated flammable-liquids area away from incompatible substances.

Safety and regulatory information

DANGER: Highly flammable liquid and vapour. Toxic if swallowed, in contact with skin or inhaled. Can cause damage to organs, including the optic nerve. Methanol exposure can result in blindness or death. Never use for drinking, skin sanitising or any application involving unintended human exposure. Follow the current Chemiphase Safety Data Sheet, product label and applicable COSHH/DSEAR assessments. Do not mix with oxidising chemicals.

Packaging and technical support

Website-listed pack options: 1 × 5 L, 2 × 5 L, 4 × 5 L, 160 × 5 L pallet, 210 L drum and 1,000 L IBC. Availability and transport arrangements are subject to confirmation. Technical enquiries: +44 (0) 1704 894808 | www.chemiphase.co.uk

Reference basis and document status

Chemiphase Methanol 99.85% product page (accessed 20 November 2026); Methanol Institute, Methanol Technical Data Sheet; methanol 99.85% GB Safety Data Sheet (MSK, 2022). This TDS provides general technical information and does not replace the current SDS or a batch certificate of analysis.