

MILES® METHANOL

Methyl Alcohol — 55 Gal Drum

Product Data Sheet**PRODUCT DESCRIPTION**

Miles® Methanol is a colorless, fairly volatile liquid with a faint, sweet odor. It is completely miscible with water and most common organic solvents, and is one of the most widely used industrial chemical building blocks.

Methanol is commonly utilized as a chemical intermediate, solvent, fuel additive, and antifreeze/dehydration agent in industrial formulations.

Chemical Name: Methyl Alcohol / Methanol

CAS Number: 67-56-1

Chemical Formula: CH₄O

Molecular Weight: 32.04 g/mol

TYPICAL APPLICATIONS

Miles® Methanol is suitable for use in applications including:

- Chemical intermediate (formaldehyde, acetic acid, MTBE, and other derivatives)
- Industrial solvent for paints, plastics, and coatings
- Natural gas / pipeline dehydration and antifreeze
- Fuel and fuel-blend component
- Biodiesel transesterification
- Windshield washer fluid and de-icing formulations
- General industrial processing

TYPICAL PHYSICAL PROPERTIES

Property	Typical Value
Appearance	Clear, colorless liquid
Methanol Purity	≥ 99.85%
Molecular Weight	32.04 g/mol
Boiling Point @ 1 atm	64.6–64.7°C (148–148.3°F)
Freezing Point	-97.6°C (-143.7°F)
Specific Gravity @ 20/4°C	0.791 – 0.793
Viscosity @ 25°C	0.544 mPa·s (cP)
Vapor Pressure @ 20°C	12.8 kPa (96 mm Hg)
Flash Point, Closed Cup (TCC)	11–12°C (52–54°F)
Autoignition Temperature	464–470°C (867–878°F)
Solubility in Water	Completely miscible

The values shown are typical physical properties and are not intended to constitute product specifications.

PRODUCT FEATURES

- High purity
- Excellent water and organic solvent miscibility
- Low viscosity
- Fast-evaporating, effective solvent
- Widely compatible chemical intermediate

STORAGE & HANDLING

Store in tightly closed containers in a cool, dry, well-ventilated area, away from heat, sparks, open flames, and other ignition sources. Methanol is a flammable liquid and toxic by

ingestion, inhalation, and skin absorption; ground and bond containers and transfer equipment to control static discharge, and use appropriate ventilation and PPE.

Consult the applicable Miles® Safety Data Sheet (SDS) before handling, storing, or using this product.

AVAILABLE PACKAGING

- 55-Gallon Drums
- Totes / IBCs
- Bulk

Packaging availability may vary. Contact Miles Lubricants LLC for current packaging and minimum-order requirements.

IMPORTANT

Miles® Methanol is intended for industrial applications only. Methanol is toxic and may cause blindness or death if ingested. It should not be represented or used as USP, pharmaceutical, food, cosmetic, or personal-care grade under any circumstances.

PRODUCT INFORMATION

Miles Lubricants LLC

Industrial Lubricants, Chemicals & Specialty Fluids

Product: Miles® Methanol (55 Gal Drum)

CAS No.: 67-56-1

For product availability, technical information, and Safety Data Sheets, contact Miles Lubricants LLC.

DISCLAIMER

The information and typical properties contained in this Product Data Sheet are provided for general informational purposes and are believed to be accurate at the time of publication. Typical values are not specifications or guaranteed properties. Product users are responsible for determining the suitability, compatibility, safety, and regulatory compliance of the product for their particular application. Please consult the applicable Safety Data Sheet before use.