

Methanol (methyl alcohol) is a highly flammable, colorless liquid used as an industrial solvent and chemical feedstock. It is SEVERELY TOXIC — ingestion, skin absorption, or inhalation can cause permanent blindness, CNS damage, or death. Never use where ethanol (drinking alcohol) contamination is possible. Methanol is not detectable by taste or smell at hazardous concentrations.

### SECTION 1: PRODUCT IDENTIFICATION

<b>Product Name</b>	Methanol
<b>CAS Number</b>	67-56-1
<b>Molecular Formula</b>	CH4O   MW: 32.04 g/mol
<b>GHS Signal Word</b>	<b>DANGER</b>
<b>Key Hazards</b>	H225: Highly flammable. H301+H311+H331: Toxic (oral/skin/inhalation). H370: Damages CNS/optic nerve.
<b>UN Number</b>	UN1230
<b>DOT Classification</b>	Class 3, PG II
<b>Supplier</b>	Cannagas Supply   97 Turnpike Rd, Westborough, MA 01581 877-710-1965   Sales@canna-gas.com

### SECTION 2: PHYSICAL & CHEMICAL PROPERTIES

<b>Physical State</b>	Clear, colorless liquid	<b>Density</b>	0.791 g/mL at 20°C
<b>Boiling Point</b>	64.7°C (148.5°F)	<b>Solubility</b>	Completely miscible with water
<b>Flash Point</b>	11°C (52°F) — Closed Cup	<b>Vapor Density</b>	1.11 (air=1)
<b>Auto-ignition</b>	464°C (867°F)	<b>pH</b>	Neutral (~7.0)
<b>Vapor Pressure</b>	127 hPa at 20°C	<b>Log Kow</b>	-0.77
<b>LEL / UEL</b>	6.0% / 36.5% in air	<b>SARA 313</b>	Listed

### SECTION 3: APPLICATIONS & USAGE

<b>Industrial Solvent</b>	Used as a solvent for resins, inks, adhesives, and chemical synthesis.
<b>Chemical Feedstock</b>	Primary feedstock for formaldehyde, acetic acid, MTBE, and other chemicals.
<b>Fuel Use</b>	Used as fuel (neat or blended) in racing and industrial applications.
<b>NOT for Consumption</b>	NEVER for food, beverage, or personal care use. Causes blindness and death.

### SECTION 4: STORAGE & HANDLING

<b>Storage</b>	Store in sealed containers in a cool, dry, well-ventilated area in a flammable storage cabinet. Keep away from heat, sparks, and ignition sources.
<b>Containers</b>	Compatible with stainless steel, glass. Avoid copper, aluminum alloys for long-term storage.
<b>Handling</b>	Use in well-ventilated area or fume hood. Eliminate ignition sources. Ground/bond containers during transfer to prevent static.
<b>Shelf Life</b>	Minimum 2 years in original sealed containers stored per above conditions.

## SECTION 5: SAFETY SUMMARY

■ **SAFETY NOTE: POISON:** Methanol causes permanent blindness and death. Even small amounts absorbed through skin or inhaled are dangerous. Cannot be detected by taste or odor at toxic concentrations. Keep strictly separated from ethanol. Requires comprehensive PPE and engineering controls.

**GHS Signal Word** DANGER

**Key Hazards** H225: Highly flammable. H301+H311+H331: Toxic (oral/skin/inhalation). H370: Damages CNS/optic nerve.

**DOT Classification** Class 3, PG II

**SDS Reference** Full SDS available. CHEMTREC: 1-800-424-9300.

**DISCLAIMER:** The information provided in this Technical Data Sheet is based on data believed to be accurate as of the issue date. Cannagas Supply makes no warranty regarding fitness for a particular purpose or accuracy of the information herein. Users are responsible for determining suitability for their specific application. Always refer to the Safety Data Sheet (SDS) for complete safety and regulatory information.