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## METHANOL

ArroChem's Methanol, also known as methyl alcohol or wood alcohol, is an organic compound with the chemical formula CH<sub>3</sub>OH. It is a clear, colorless, and volatile liquid with a characteristic odor. Methanol is a widely used industrial chemical, solvent, and fuel source.

### General Characteristics:

Appearance:	Clear, colorless liquid
Solubility in Water, 25°C:	Completely miscible with water
Flash Point:	11°C (52°F) (closed cup)
Specific Gravity:	~0.785 – 0.795 g/cm <sup>3</sup> at 20°C (68°F)



### APPLICATION:

Methanol finds numerous applications across various industries due to its versatile properties. Key applications include:

- **Chemical Industry:** Used as a feedstock in the production of formaldehyde, acetic acid, and other chemicals.
- **Solvent:** Serves as a solvent in various chemical processes, including the production of biodiesel and other industrial applications.
- **Fuel:** Used as a clean-burning fuel in methanol fuel cells and as an alternative fuel or gasoline additive.
- **Antifreeze and De-icing Agent:** Found in antifreeze and windshield washer fluid due to its low freezing point.
- **Medical and Laboratory Use:** Employed as an antiseptic and preservative in certain medical and laboratory applications.