



Tech

Technical Data

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METHANOL

GENERAL DESCRIPTION:

Methanol is a light, volatile, colorless, flammable liquid, with a distinctive alcohol-based odor. Methanol is highly toxic and unfit for consumption. This chemical can be used antifreeze, solvent, fuel, and as a denaturant for ethanol.

APPLICATIONS:

- ◆ Antifreeze
- ◆ Solvents
- ◆ Fuel
- ◆ Ethanol denaturant
- ◆ Biodiesel application

PHYSICAL PROPERTIES:

- ◆ Appearance: clear, colorless liquid
- ◆ Odor: characteristic alcohol
- ◆ Melting point: -88°C
- ◆ Flash Point: 11°C

HANDLING & STORAGE:

Precautions for Handling: No smoking or open flame in storage, use or handling areas. Use explosion proof electrical equipment. Ensure proper electrical grounding and bonding equipment procedures are in place.

Storage: Store this material in a cool, dry, well-ventilated area away from oxidizing materials and corrosive atmospheres, in a fireproof area. Keep amount in storage to a minimum. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. It is recommended that storage procedures be evaluated using NFPA 70E standard and NFPA 497 practice. Do not store below ground level, or in confined spaces. Have appropriate fire extinguishers and spill cleanup equipment in or near storage area. Store away from strong oxidizers, mineral acids and metals. See Section 10, **Stability and reactivity** for more information. Ground and bond all containers and storage vessels. Store away from heat and ignition sources and out of direct sunlight. Post storage area as a "No Smoking" area.

[For more detail about product handling & safety info, please refer to the Material Safety Data Sheet](#)