

MATERIAL SAFETY DATA SHEET

ALCOHOL FOR ALCOHOL LAMPS

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Product/Chemical Name: METHYL ALCOHOL

Formula: CH₃OH M.W. 32.04 **Synonyms:** methanol; wood alcohol; wood spirit; methyl hydroxide

Physical Description: Clear colorless liquid with alcohol odor, Sp Gr: 0.7914 B.P. 149°F (65°C) VP: 97.25 mmHg

Special Hazards: Ingestion of methanol can cause blindness and death.

Unusual Fire/Explosion Hazards: Methyl alcohol is flammable liquid. Thermal decomposition may result in toxic oxides of carbon.

Flash Point: 52°F(11°C) Autoignition temperature: 867°F (464°C) Flammability class (OSHA): IB
Hazardous Decomposition Products: N/A

Spill or Leak Procedures

Action: For small spills take up with sand or other absorbent material and place into clean, dry containers for later disposal.

Disposal Method: To be performed in compliance with all current local, state and federal regulations.

Threshold Limit Value: Methanol: 200 ppm (262 mg/m³) OSHA TWA (skin); 250 ppm (328 mg/m³) OSHA STEL & ACGIH STEL; 250 ppm (328 mg/m³) NIOSH RECOMMENDED STEL.

Overexposure Effects: Irritation to skin, recurrent headaches, marked diminution of vision and enlargement of the liver.

Potential Carcinogen: No

First Aid Procedures

Skin: Remove contaminated clothing and shoes immediately. Wash affected area with soap and large amounts of water until no evidence of chemical remains (approx. 15-20 minutes).

Eyes: Check for and remove any contact lenses. Flush eyes immediately with large amounts of water or normal saline occasionally lifting upper & lower lids, until no evidence of chemical remains (approx. 15-20 minutes). Get medical attention immediately.

Ingestion: Check for and remove any dentures. Treat symptomatically and supportively. Get medical attention immediately. If vomiting occurs, keep head lower than hips to prevent aspiration.

Inhalation: Remove from exposure area to fresh air. If breathing has stopped perform CPR. Get medical attention immediately.

Storage Recommendations: Store at room temperature.

Special Protection Information

Eye protection and rubber gloves is recommended.

Special Handling Precautions

Do not spill on skin or get in eyes.