

## MATERIAL SAFETY DATA SHEET

This form may be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. To be valid all information required by 1910.1200(g) of the Standard must appear on this form. Consult the Standard for specific requirements. Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.	Quick Name Identifier/Common Name: Methanol Gel Chafing Dish Fuel/ <b>POWER HEAT</b> UPC/SKU: PH0001, PH0007, PH0024
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<b>SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION</b>	
Manufacturer's Name: Candle Lamp Company 1799 Rustin Avenue Riverside, CA 92507	24 Hour Emergency Telephone Number: 1-800-255-3924 or 1-813-977-3668 (Collect Calls Accepted) Information Telephone Number: 1-951-682-9600
	Date Prepared: 02/23/07
General or Generic Name: SOLIDIFIED METHANOL / GELLED METHANOL	

<b>SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS</b>		
Ingredients	CAS No.	% By Weight
Methanol	67-56-1	65
Denatonium Benzoate (Bitrex)	3734-33-6	Trace
Mono-Ethylene Glycol	107-21-1	Trace

<b>SECTION 3 – HAZARDS IDENTIFICATION</b>	
Potential Health Effects:	Methanol (CAS 67-56-1) is the only ingredient expected to have any potential health effects in this product. Methanol is toxic if ingested.
Eye/Ocular:	Exposure may cause eye irritation. Symptoms may include stinging, tearing, and redness.
Skin/Dermal	Exposure may cause mild skin irritation. Prolonged, repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking, and skin burns. Skin absorption can occur, symptoms may occur similar to inhalation.
Swallowing/Ingestion	Swallowing is toxic. Usual fatal human dose between 3 oz and 4 oz. Symptoms possible are alcoholic breath, central nervous system depression, convulsions, and coma.
Inhalation	Exposure to vapor is possible. Short-term inhalation toxicity is low. Breathing small amounts during normal handling is not likely to cause harmful effects; breathing large amounts may be harmful. Symptoms are more likely to be observed at concentrations exceeding recommended exposure limits, and may include headache, drowsiness, nausea, vomiting, blurred vision, blindness, and coma.

<b>SECTION 4 – FIRST AID MEASURES</b>	
Eyes	Move individual away from exposure. Flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Seek medical attention immediately.
Skin	Remove contaminated clothing. Wash exposed area with warm water for at least 15 minutes. Get medical attention. Wash clothing and shoes before reuse.
Swallowing	If swallowed, seek medical attention immediately. If individual is drowsy or unconscious, do not give anything by mouth. If individual is conscious and alert, INDUCE VOMITING. If possible, do not leave person unattended.
Inhalation	Move individual away from exposure and into fresh air. If not breathing, give artificial respiration, If breathing is difficult, administer oxygen. Keep person warm and quiet; seek medical attention immediately.

<b>SECTION 5 – FIRE FIGHTING MEASURES</b>	
Flash Point (Method)	54°F (12.2°C) (TAG Closed Cup)
Auto-ignition	No data
Explosive Limit	Lower Limit: 6.0% Upper Limit 36%
Extinguishing Media	CO2, Foam, Dry Chemical (Water may be ineffective)
Fire and Explosion Hazard	Vapors form from this product and may travel along the ground/floor or moved by ventilation. Can be ignited by pilot light, flames, sparks, heaters, electric motors or other ignition sources. Do not use heat or flame around closed containers, containers may explode and scatter burning gel.
Fire Fighting Instructions	Water may be ineffective to extinguish flame. Water may be used to cool fire-exposed containers until fire is extinguished. Wear self-contained breathing apparatus and full protective clothing.
NFPA Rating: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme	Acute Health – 1; Flammability – 3; Reactivity – 0

<b>SECTION 6 – ACCIDENTAL RELEASE MEASURES</b>	
Spill	Make sure there is adequate ventilation. Remove all ignition sources. Absorb spill on vermiculite paper. Clean area with water until all material is absorbed and removed.
Large Spill	Immediately eliminate all ignition sources (open flames, smoking materials, pilot lights, electrical sparks). Remove persons not in appropriate protective gear from area. Stop spill at source. Prevent material from entering drains, sewers and waterways. Prevent spill from spreading. Spread absorbent material on spill. Remove to containers for disposal per local, state, and federal ordinances.

<b>SECTION 7 – HANDLING AND STORAGE</b>	
Handling	Keep away from heat, flame, and sparks. Avoid breathing vapors. Avoid contact with skin, wash thoroughly after handling. Keep away from children. Place can in chafer before lighting, and keep away from combustibles (e.g., paper plates, napkins, paper tablecloths, etc.). Use in a well-ventilated area. <b>DO NOT TAKE INTERNALLY.</b>
Storage	Containers should be stored away from flame, heat or other ignition sources. Store in a cool dry place (40-120°F, 4-49°C). Provide adequate ventilation. Keep container closed when not in use.

<b>SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	
Precautionary Labeling	WARNING: Keep away from children. Flammable mixture. Do not use near fire or heat. Vapor harmful. May be fatal or cause blindness if swallowed. Cannot be made non-poisonous.
Eye Protection	Avoid eye contact with material.
Skin Protection	Avoid contact with skin. Do not remove gel from container.
Protective Clothing	Recommend the use of rubber or Neoprene gloves and safety goggles.
Respiratory Protection	Not required unless exposed to high concentrations above approved guidelines
Exposure Guidelines	Methanol 75% OSHA PEL =200 ppm (TWA); ACGIH TLV = 200 ppm (TWA)

<b>SECTION 9 – PHYSICAL DATA AND CHEMICAL PROPERTIES</b>	
Appearance and Odor	Blue thick gel with alcohol odor
pH	~7 (neutral)
Freeze Range	-130 F (-90 C)
Boiling Range	170.6-176 F (77-80 C)
Evaporation Rate	3.5 (Butyl Acetate = 1)
Vapor Pressure	97.68 mmHG @ 68 F (20C)
Vapor Density	1.11 (Air = 1)
Solubility in water	Miscible

<b>SECTION 10 - STABILITY AND REACTIVITY</b>	
Hazardous Polymerization	Will not occur
Hazardous Decomposition	Burning may cause carbon dioxide and/or carbon monoxide if inadequate oxygen
Chemical Stability	Stable
Incompatibility	Heat, open flames and strong oxidizers.

<b>SECTION 11 - TOXICOLOGICAL INFORMATION</b>	
N/A	

<b>SECTION 12 - ECOLOGICAL INFORMATION</b>	
N/A	

<b>SECTION 13 - DISPOSAL INFORMATION</b>	
Disposal:	Dispose of in accordance with all applicable Federal, State, and local regulations. Purchaser is responsible for proper waste disposal of any partial to full containers. Do not dump into sewers, any bodies of water or onto ground.

<b>SECTION 14 - TRANSPORTATION</b>	
Domestic:	Consumer Commodity ORM-D
International:	Flammable Solid, Organic, n.o.s., (contains methanol), 4.1, UN 1325, PGII

<b>SECTION 15 - REGULATORY INFORMATION</b>	
OSHA	This product hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200)
CERCLA	The Reportable Quantity for Methanol is 5000 lbs. Releases equal to or greater must be reported to the National Response Center (NRC) at 800-424-8802.
RCRA	The hazardous waste number for Methanol is U154.
SARA 302 Components:	None
SARA 313 Components:	Methanol (CAS # 67-56-1)
International Regulations	Canada: DSL. The intentional ingredients of this product are listed.
	EEC: EINECS. The intentional ingredients of this product are listed.
<b>State and Local Regulations</b>	
California Proposition 65:	None
New Jersey Right To Know:	Methyl Alcohol (67-56-1)
Pennsylvania Right To Know:	Methyl Alcohol (67-56-1)

<b>SECTION 16 - OTHER INFORMATION</b>	
<p>The above data is based on tests and experience, which Candle Lamp Company believes reliable and is supplied for informational purposes only. The Candle Lamp Company's products are intended for sale to industrial and commercial customers. Candle Lamp Company requests that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Some information presented and conclusions drawn herein may be from sources other than direct test data on the substance itself. Candle Lamp Company disclaims any liability for damage or injury which results from the use of the above data, and nothing contained therein shall constitute a guarantee, warranty (including warranty or merchantability) representation (including freedom from patent liability) by the Candle Lamp Company with respect to data, the product described, or their use for any specific purpose, even if that purpose is known to Candle Lamp Company.</p>	