

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: Ethanol Gel Chafing Dish Fuel: UPC/SKU: PH0001 Series, PH0005 Series, PH0010 Series, PH0013 Series, PH0016 Series, PH0018 Series, PH0028 Series, PH0034 Series, PH0036 Series, PH0042 Series
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SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
Manufacturer's Name: Candle Lamp Company 1815 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: 01/21/2010
General or Generic Name: SOLIDIFIED ETHANOL / GELLED ETHANOL	

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS		
Ingredients	CAS No.	% By Weight
Ethanol	64-17-5	72
Methanol	67-56-1	3.3

SECTION 3 – HAZARDS IDENTIFICATION	
Eye/Ocular:	Exposure may cause mild 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.
Swallowing/Ingestion	Swallowing: Nausea, abdominal pain, headache, dizziness, and drunken behavior. Ingestion of moderate quantities produces acidosis.
Inhalation	Dizziness, drowsiness and disturbance of vision.
Symptoms of Exposure.	Nausea, abdominal pain, vomiting, headache, visual disturbance, drowsiness, blindness, coma or death.

SECTION 4 – FIRST AID MEASURES	
Eyes	Move individual away from exposure and into fresh air. Flush eyes with large amounts of water for 15 minutes while holding eyelids open. If symptoms persist or there is any visual difficulty seek medical attention.
Skin	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms continue seek medical attention.
Swallowing	DO NOT INDUCE VOMITING. If the victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical and immediately seek medical attention. If the victim is convulsing or unconscious, do not give anything by mouth, and immediately seek medical attention. DO NOT INDUCE VOMITING.
Inhalation	Move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer CPR or oxygen by trained personnel. Keep person warm and quiet; seek medical attention.

SECTION 5 – FIRE FIGHTING MEASURES	
Flash Point (Method Used)	54°F / 12° C (Tag closed cup)
Auto-ignition	No data
Explosive Limit:	Lower Limit: 3.3% Upper Limit 19.0%
Extinguishing Media	ALCOHOL RESISTANT FILM FORMING FLUOROPROTEIN (AR-

	FPPP) FOAM EXTINGUISHER
Fire and Explosion Hazard	Vapors formed from this product and may travel or be moved by air currents and ignited by any spark or flame. Material stays gelled while burning so it won't "splash" or "run". Do not use heat or flame around closed containers; containers may explode and scatter burning gel.
Fire Fighting Instructions	Wear full protective clothing and self-contained breathing apparatus. Water spray can be used to extinguish fires and cool fire exposed containers. Water may be used to flush spills away from exposures and dilute spills to non-flammable mixtures.
NFPA Rating: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme	Health – 1, Flammability – 3, Reactivity – 0

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Small Spill	Absorb spill on vermiculite paper. Remove from all ignition sources. Make sure there is adequate ventilation. Clean area with water until all material is absorbed and removed.
Large Spill	Eliminate all ignition sources. Ventilate area. Wear appropriate protective equipment. Contain and recover liquid into an appropriate container and absorb excess with vermiculite paper. Dispose of in accordance with Federal, State or local ordinances.

SECTION 7 – HANDLING AND STORAGE

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. DO NOT TAKE INTERNALLY.
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.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary Labeling	WARNING... Keep away from children. Do not use near fire or heat. Flammable mixture contains 3.3% Methyl Alcohol
Eye Protection	Avoid eye contact.
Skin Protection	Avoid contact with skin. Do not remove gel from container.
Respiratory Protection	Not required unless exposed to high concentrations above approved guidelines
Exposure Guidelines	Ethanol 72% OSHA PEL = 1000 ppm (TWA), ACGIH TLV = 1000 ppm (TWA); Methanol 3.3% OSHA PEL = 200 ppm (TWA), ACGIH TLV = 200 ppm (TWA)

SECTION 9 – PHYSICAL DATA AND CHEMICAL PROPERTIES

Appearance and Odor	Thick pink gel with slight alcohol odor
pH	~7 (neutral)
Melting Point	-173°F (-114°C)
Boiling Range	170.6° - 176°F (77° - 80°C)
Evaporation Rate	3.2 (Butyl Acetate = 1)
Vapor Pressure	44 mm Hg @ 68°F (20°C)
Vapor Density	1.6 (Air = 1)
Solubility in Water	Gel is slowly dissolved in water

10. STABILITY AND REACTIVITY

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 flame.

11. TOXICOLOGICAL INFORMATION – NA

12. ECOLOGICAL INFORMATION – NA
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13. DISPOSAL INFORMATION	
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.

14. TRANSPORTATION	
Domestic:	Consumer Commodity ORM-D
International:	Flammable Solid, Organic, n.o.s., (contains ethanol), 4.1, UN 1325, PGII

15. REGULATORY INFORMATION	
OSHA:	This product is considered 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. This product is considered hazardous waste based on ignitability (D001).
SARA 302 Components:	None
SARA 313 Components:	Methyl Alcohol (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.
State and Local Regulations	
California Proposition 65:	None
New Jersey Right To Know:	Methyl Alcohol (67-56-1)
Pennsylvania Right To Know:	Methyl Alcohol (67-56-1)

16. OTHER INFORMATION	
<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>	