

MATERIAL SAFETY DATA SHEET

REVISED DATE: 01/01/07

Le-Jo Enterprises, Inc.
765 Pike Springs Road
Phoenixville, PA 19460

Emergency Telephone Number: For emergencies involving spill, leak, fire, exposure or accident, call
CHEMTREC: 1-(800) 424-9300, day or night.
All Medical Emergencies: Call your local Poison Control Center.

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: Dine-A-Heat Methanol Gel Fuel (DHB1000)
General Use: A gelled methyl alcohol food warming fuel.
CAS NUMBER: Not applicable – product is a mixture.

SECTION 2 – HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

Acute Health: 3 Fire: 3 Reactivity: 0 HMIS Rating: Least-0, Slight-1, Moderate-2, High-3, Extreme-4

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

OSHA REGULATED COMPONENTS (present at a concentration > or = 1%)

Component	CAS #	%	PEL	TLV
Methyl Alcohol	67-56-1	69-78		200 ppm

The following components, present at a concentration > or = 1%, are listed as carcinogens or potential carcinogens by either the National Toxicology Program (NTP), or the International Agency for Research on Cancer (IARC) or OSHA.

Component	CAS #	%	PEL	TLV
None – Not Applicable				

SECTION 3 – HAZARDS IDENTIFICATION

Flammable solid, gelled methanol, and it's blue in appearance.

Methanol is toxic if ingested. Oral LD50 (Rat) is 15 gm/kg (methanol).

Routes of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes

Precautionary Labeling: Danger Poison – Contains methyl alcohol. Keep away from children. Cannot be made non-poisonous. Unburned vapor harmful. May be fatal or cause blindness. If swallowed, induce vomiting. Call physician or local poison control center for help. Caution flammable mixture. Do not use near fire or flame.

Eye Contact: Eye irritant upon direct contact.

Skin Contact: May cause skin irritation upon prolonged contact.

Ingestion: Possible alcoholic breath, CNS depression, possible convulsions or coma.

Inhalation: Burn product in a well-ventilated area. Avoid breathing unburned vapors.

SECTION 4 – FIRST AID MEASURES

Eye Contact: Flush eye with large amounts of warm water for 15 minutes. If irritation persists, contact poison control center or doctor.

Skin Contact: Remove and isolate contaminated clothing. Flush exposed area with warm water for 15 minutes. If irritation persists, contact local poison control center or doctor.

Ingestion: Induce vomiting if victim is conscious. Drink water, milk or 4% sodium bicarbonate solution. Immediately contact doctor and local poison control center. Harmful or fatal if swallowed. Can cause blindness.

Inhalation: Remove to fresh air and take slow deep breaths. Drink some sips of water. If coughing persists, contact local poison control center or doctor.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point (Method): 54 degrees F. or 12.1 degrees C. (Tag closed cup)

Autoignition: 890.6 degrees F. or 477 degrees C. @ 745 mm Hg
Extinguishing Media: CO₂, Foam, Dry Chemical
Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn when fighting chemical fires. Do not use high-pressure steam or water to extinguish burning material.
Unusual Fire & Explosion Hazard: Closed cans exposed to flames and heat may erupt, scattering burning fragments.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Small spills: Remove all sources of ignition. Provide adequate ventilation. Absorb on Vermiculite, paper or other absorbent. Flush area with water.

SECTION 7 – HANDLING AND STORAGE

Storage: Store in a cool dry place (45 – 125 degrees F). Provide adequate ventilation in area of use. Store away from sources of heat or open flame.
Handling: Avoid contact with skin and eyes. Do not ingest. Place can in fuel holder or under chafar before lighting. Burn can in a level upright position. Keep away from combustibles (e.g. paper plates and napkins). Keep away from children.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

General Controls: Avoid contact with skin and eyes. Provide adequate ventilation.
Protective Clothing: The use of eye protection (goggles) and rubber gloves is recommended.
Respirators: Not required.
Special Precautions: Keep out of reach of children.
Precautionary Labeling: Poison. Contains methyl alcohol, vapor harmful, may be fatal or cause blindness if swallowed. CAUTION: Flammable mixture. Do not use near fire or flame. Cannot be made non-poisonous. Keep away from children.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: Blue gel, alcohol odor.
Density: 0.90 gm / cc
Solubility in water: Slight
pH: 7.0 – 8.0 (as is)

SECTION 10 – STABILITY AND REACTIVE

General: This product is stable. Hazardous polymerization will not occur.
Incompatible Materials: Heat, open flame, and strong oxidizers.
Hazardous Decomposition: None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

No information on product is available at this time.

SECTION 12 – ECOLOGICAL INFORMATION

No information on product is available at this time.

SECTION 13 – DISPOSAL CONSIDERATIONS

The purchaser is responsible for proper waste disposal of empty, partial or full cans. Any disposal practice must be in compliance with local, state and federal laws and regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, any body of water or onto the ground.

SECTION 14 – TRANSPORTATION

DOT Classification: DHB 1000, DHB 2000 – DOMESTIC: Consumer Commodity ORM-D
DHB 1000, DHB 2000 – INTERNATIONAL: FLAMMABLE LIQUIDS, N.O.S., (CONTAINS METHANOL) 3, UN 1230, III, LIMITED QUANTITY

SECTION 15 – REGULATORY INFORMATION

OSHA: This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200)
RCRA (40 CFR 261, Subpart D): Methyl Alcohol is listed as a RCRA Hazardous Waste No. U154.
Clean Water Act: None of the OSHA regulated components in this product are Section 311 listed chemicals.
SARA: Sections 301 – 304 (Threshold Planning Quantity – TPQ) 40 CFR 355: No TPQ for any OSHA regulated component.
Section 313 (Toxic Chemical Release Reporting) 40 CFR 372. The following chemicals must be reported

under SARA 313: Not applicable to any OSHA regulated component.

CERCLA: Section 102 (Reportable Quantity – RQ) 40 CFR 302: The RQ for Methyl Alcohol is 5000 lbs. Releases greater than or equal to this amount must be reported to the National Response Center (NRC) Immediately: 1-800-424-8802.

SECTION 16 – OTHER INFORMATION

The opinions expressed herein have been compiled from sources considered to be dependable, and are accurate to the best of the seller's knowledge. However, seller makes no warranty whatsoever, expressed, implied or of merchantability regarding the accuracy of such data or the results to be obtained from the use thereof. Seller assumes no responsibility for injury to the buyer or to third persons or any damage to any property. Buyer assumes all such risks.