

MATERIAL SAFETY DATA SHEET

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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: Diablo Chafing Fuel (DH200, DH400, DH600)
Dine-A-Heat Chafing Fuel (DHPW004, DHPW006)
Product Type, Description: A liquid chafing fuel. The fuel, Diethylene Glycol (DEG) is delivered via a wick protruding from a closed metal can. The wick is ignited and burned to provide heat for food warming applications.

SECTION 2 – DEPARTMENT OF TRANSPORTATION INFORMATION

Hazard Classification: None, not regulated.
Shipping Classification: Diethylene Glycol
Special Reporting (Labeling): DOT – Not required
SARA Title III – Not required
DOT Emergency Response Guide Number: None assigned – Classed non-hazardous by DOT

SECTION 3 – INGREDIENTS / IDENTITY

Chemical Name: Diethylene Glycol (DEG)
CAS # 111-46-6
Minimum 99.5%

SECTION 4 – PHYSICAL PROPERTY DATA

Boiling Point: 244.7 degrees C. (472 degrees F.)
Freezing Point: -7 degrees C. (19.4 degrees F.)
Specific Gravity (H2O=1): 1.1184
Density: 9.3 lbs. per gallon
Vapor Pressure: <0.01 mm Hg @ 68 degrees F.
Vapor Density (Air=1): 3.7 @ 68 degrees F.
Solubility in Water: 100%
% Volatile by Volume: 100
Evaporation Rate (BuAc = 1): Nil
Appearance and Odor: Clear, colorless, slightly viscous liquid, essentially odorless.

SECTION 5 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: 280 degrees F. minimum (Test Method – Cleveland Open Cup-ASTM D92)
Flammable in Air % by Volume: Lower—1.7% and Upper—10.6%
Extinguishing Media: Use CO2 or dry chemical for small fires. Alcohol – type aqueous film forming foam or water spray for large fires.
Special Fire Fighting Procedures: Stop source of fuel, shut off ignition sources. Keep exposed containers cool with water spray. Wear self-contained breathing apparatus (SCBA) and complete personal protective equipment when potential for exposure to vapors or products of combustion exists. Water supply can be used to reduce intensity of flames.

SECTION 6 – SPECIAL HAZARD DESIGNATION

Reference OSHA document 29CFR1910.1200 for evaluation.

SECTION 7 – HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

Health:	Flammability:	Reactivity:
2	1	0

SECTION 8 – REACTIVITY DATA

This product is stable.

Hazardous polymerization will not occur.

Conditions to avoid: Mixing with strong oxidizing agents.

Hazardous Decomposition: None

SECTION 9 – HEALTH DATA

Permissible Exposure Limits OSHA Standard: None established.

ACGIH-TLV: None established.

Ingestion (swallowing): Humans, the oral lethal dose is 1.2 grams per kilogram cause adverse effects on kidneys. Practically non-toxic to animals.

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

Skin Contact: Essentially non-irritating.

Eye Contact: Essentially non-irritating.

SECTION 10 – SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: Eliminate ignition sources. Avoid eye and skin contact. Place leaking containers in a well-ventilated area. If ignition is possible, blanket spill with foam or use water spray to disperse the liquid. Take measures to minimize spreading of the spill. To clean up spill; flush area sparingly with water.

Waste Disposal Method: When spilled or disposed, product is non-hazardous waste, as defined in Resources Conservation Recovery Act Regulations (40CFR261).

SECTION 11 – SPECIAL PROTECTION INFORMATION

Respiratory Protection: Where aerosols, mists or vapors are a problem, use full face NIOSH approved organic vapor cartridge or canister respirator. In all other situations, use self-contained breathing apparatus, i.e. face masks.

Local Exhaust: This is recommended when appropriate, to control employee exposure. Protective gloves, such as neoprene or rubber can be used.

Eye Protection: Use chemical safety goggles.

SECTION 12 – SPECIAL PRECAUTIONS

Keep containers closed. Use only DOT approved containers. Avoid vapors, eye, skin and clothing contact. Wash Hands thoroughly with soap and water after handling.

SECTION 13 – OTHER INFORMATION

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