

LeoLight Inc.

MATERIAL SAFETY DATA SHEET

Revised Date: 2007.1.4

PRODUCT NAME: GEL CHAFING FUEL

Item No. E002

1. Product Identification

Product Name: Gel Chafing Fuel

CAS No.: Not applicable – product is a mixture

General Use: A gelled ethyl alcohol food warming fuel

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Ethyl Alcohol	64-17-5	78%	Yes
Curing agent		1.98%	
Distilled Water		20%	
Dye		0.02%	

3. Hazards Identification

Emergency Overview

Low in toxicity - Contains Ethanol. Flammable mixture. Do not use near fire or flame. Keep away from children.

Potential Health Effects

Skin Contact:

Ethyl alcohol is a defatting agent and may cause skin to become dry if continued be in the environment.

Eye Contact:

Irritant. Continued exposure may cause eye lesions.

4. First Aid Measures**Inhalation:**

Remove to fresh air. Get medical attention immediately.

Ingestion:

Induce vomiting immediately as directed by medical personnel.

Skin Contact:

Immediately flush skin with plenty of water while removing contaminated clothing and shoes.

Eye Contact: Immediately flush eyes with plenty of water, lifting lower and upper eyelids occasionally.

5. Fire Fighting Measures**Fire:**

Flash point: 54°C (Tag closed cup)

Explosion:

Above flash point, vapor-air mixtures are explosive within flammable limits.

Fire Extinguishing Media:

Use alcohol foam, dry chemical or carbon dioxide.

6. Accidental Release Measures

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

7. Handling and Storage

Store in a cool, dry and well-ventilated locations. Keep container closed when not in use. Place can in fuel holder or under chafers before lighting. Burn can in a level upright position. Keep away from combustibles (e.g. paper and napkins). Keep away from children

8. Exposure Controls/Personal Protection

General Control: Avoid contact with skin and eyes.

General Protection: Burn product in a well-ventilated area. Do not use near fire or flame. Keep out of the reach of children.

9. Physical and Chemical Properties

Appearance:

Colored gel

Odor:

Slight winy odor.

Solubility:

Miscible in water.

PH: 7.5-8.5(as is)

Boiling Point: N/A

Melting Point: N/A

Density: 0.85g/cm³

Vapor Pressure: N/A

10. Stability and Reactivity

Stability:

Stable under ordinary conditions of use and storage.

Hazardous Decomposition: None known

Hazardous Polymerization: Will not occur.

Conditions to Avoid:

Heat, flames, ignition sources and incompatibles.

11. Toxicological Information

Slight toxicity.

12. Ecological Information

No information on product is available at this time.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Do not dump into sewers, any body of water or onto the ground.

14. Transport Information

Proper Shipping Name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Gel chafing fuel)

Hazard Class: 4.1

UN/NA: UN3175

Packing Group: II

15. Regulatory Information

This product is considered hazardous under the UN Hazard Communication Standard, which is listed as a Hazardous goods No.3175.

Flammable mixture.

16. Other Information

NFPA Ratings: Health: **1** Flammability: **3** Reactivity: **0**

The information on this sheet is limited to the material identified and is believed by the manufacture responsible for producing LeoLight products.

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