

LeoLight Inc

Dish Fuel (chafing dish fuel)

Substance Identification and Properties

Last updated: May.8, 2007

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The following is intended as a general guide to the chemical composition and identification of Canahot chafing dish fuel for the purpose of helping our customers determine compliance with local storage, use and transport regulations and guidelines.

The information contained herein is not intended for use in compliance with worker Right-to-Know or worker Hazard Communication Programs.

Customers should keep advised of changes in local regulations regarding handling, storage and transport as regulations can and do change.

General information

The fuel used in Canahot Chafing dish fuel primarily consists of diethylene glycol, a combustible liquid with a flash point of approximately 125 degrees C (255 degrees F). It is not a flammable liquid.

Single product packaging

Packed 265 grams (9 oz) in sealed steel can. Configured with a cap to conceal a fiberglass/felt wick.

Case packaging

Packed 24 cans to a case.

Chemical Identification

Name: Diethylene Glycol

Synonyms: Bis (2-hydroxyethyl) ether, DEG, Dihydroxydiethyl ether

2, 2'-oxydiethonal, 3-oxa-1, 5 pentanediol...

CAS Number	Chemical Name	Percent
111-46-6	Diethylene Glycol	99.9%

Fire Fighting Methods:

General – As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing Media – In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

Autoignition Temperature: 225 degrees C (437 degrees F).

Flash Point: 124 degrees C (255.20 degrees F).

NFPA Rating: health – 1; flammability-1; reactivity-0

Exposure limits: Lower: 1.6; Upper: 10.8

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Physical and Chemical Properties

Physical state: Liquid

Appearance: Colorless

Odor: Odorless

PH: Not available

Vapor pressure: <.01 mm hg @ 20 C

Vapor density: 3.66

Evaporation rate: <0.001

Boiling point: 471-473 F

Freezing point: 12 degrees F

Solubility: Miscible

Specific gravity: 1.18

Molecular formula: C₄H₁₀O₃

Molecular weight: 106.0682

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