

Wik Chafing Dish Heaters/Fuel

MATERIAL SAFETY DATA SHEET

PRODUCT: **CBI - FUEL CHAFFING 4HR WITH WICK**

March 7, 2006

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER

Kelmin Products, Inc.
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PHONE NUMBERS

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PRODUCT CODES

W224 W424 W624

PRODUCT DESCRIPTION

A metal can, cap & innerseal with a fiberglass wick using the Chemical **Diethylene Glycol** as a fuel source.
Minimum fuel per can 2 fluid ounces.
Maximum fuel per can 10 fluid ounces.

CAN, CAP, INNERSEAL AND FIBERGLASS WICK ARE INERT INGREDIENTS. THE BALANCE OF THIS MATERIAL SAFETY DATA SHEET ONLY PERTAINS TO THE CHEMICAL INGREDIENT, DIETHYLENE GLYCOL.

CHEMICAL FAMILY

Glycol

CHEMICAL NAME

Diethylene Glycol
(Synonyms: DEG 2.2' Dihydroxyethyl Ether, Ethanol, 2.2' oxybis; Diglycol; Ethylene Diglycol)

CAS NUMBER

111-46-6

NFPA CODES

Flammability	1	0=None
Reactivity	0	4=Extreme
Health Toxicity	1	

EMERGENCY NUMBERS

Poison Control Center

1.800.222.1222

COMPOSITION/INFORMATION ON INGREDIENTS:

OSHA REGULATED COMPONENTS (present at a concentration $\geq 1\%$):

COMPONENT	CAS#	%	PEL	TLV
Diethylene Glycol	111-46-6	100.0	NE	NE

The following components, present at a concentration $\geq 0.1\%$, are listed as carcinogens or potential carcinogens by either the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or OSHA:

COMPONENT	CAS#	%	PEL	TLV
None - not applicable				

HAZARDS IDENTIFICATION

Exposure Limits	None established
Effects of Exposure	See below
Inhalation	Short term harmful health effects are not expected from vapor generated at ambient temperature. Vapor or mist from exposed heated material may cause nausea and headache.
Ingestion	Moderately high toxicity. May cause pain or discomfort in the abdomen, pain in the lumbar region, nausea, vomiting, diarrhea, dizziness, drowsiness, decreased urine production, malaise, and loss of consciousness. Severe kidney damage may occur which can be fatal. Liver injury may also occur.
Skin and Eye Contact	No evidence of harmful effects from available information to skin. Product could cause mild discomfort to eyes. Excess redness of the conjunctiva may occur.
Chronic Effects	Repeated overexposure to vapor or mist may cause headache, nausea and dizziness.
Medical Conditions Aggravated by Exposure	Knowledge of available toxicology information and of the physical and chemical properties of the material suggest that overexposure is unlikely To aggravated existing medical condition

FIRST AID

Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.
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Eye Contact	Flush eye with large amount of water for at least 15 minutes while holding eyelid open. Get medical attention immediately.
Skin Contact	Remove contaminated clothing and wash affected skin area with soap and water. Do not use contaminated clothing until thoroughly washed with soap and water.
Ingestion	Do not induce vomiting. Get medical attention immediately.

FIRE FIGHTING MEASURES

Flash Point	305 F TCC
Auto Ignition Point	Not determined
Flammable Limits In Air	l _{el} 2.0 u _{el} 12.3
Extinguishing Media	Use water fog, water, alcohol foam, dry chemical, carbon dioxide
Special Fire Fighting Procedures	Material will not burn unless preheated. Do not enter a confined fire space where cases of this product are stored without full bunker gear, including a positive pressure self-contained breathing apparatus (SCBA) Cool fire exposed containers with water.

ACCIDENTAL RELEASE MEASURES

Spill and Leak Precautions	May burn, although not readily ignitable. For small spills or leaks, take up with an absorbent material and dispose of properly. Soak up residue with soap and water to remove trace residue.
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HANDLING AND STORAGE

Storage and Handling	Store unused cases in a cool dry area. Contents are not under pressure. Avoid contact with the liquid in the can. Wash areas of contact with the liquid with soap and water
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EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory Protection	None expected to be needed at normal room temperatures.
Eye Protection	None expected to be needed when handled according to directions on the can.
Skin Protection	Wash areas of contact with the liquid with soap and water.

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PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	473.5F @ 760 mm Hg
Vapor Pressure	0.002 mm Hg
Vapor Density	3.65 Air = 1
Solubility	Soluble
Appearance	Clear Colorless Liquid
Odor	Odorless to slightly sweet.
Specific Gravity	1.12 @ 60 F Water = 1
Evaporation	<0.001 Butyl acetate = 1
Freezing Point	16.4 F
pH	6-9

STABILITY AND REACTIVITY

Stability	Stable
Conditions To Avoid	Excess heat and flame around filled cases or sealed cans.
Incompatibility	Explosive decomposition may occur if combined with strong acids or strong bases and subjected to elevated temperatures. Also avoid contamination with strong oxidizing agents.
Polymerization	Will not occur
Hazardous Combustion and Or decomposition Products	Carbon Monoxide and/or Carbon Dioxide may form during combustion.

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TRANSPORTATION INFORMATION

Shipping Name	Diethylene Glycol
Hazard Class	Non-hazardous Liquid

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UN Number	N/A
Proper Shipping Name	Not Regulated
Hazard Label	N/A

REGULATORY INFORMATION

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)
This product contains **no** chemicals subject to the reporting requirements of CERCLA.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III
This product contains **no** chemicals subject to the reporting requirements of SARA Title III, Section 311, 312

Subpart Z, OSHA
This product contains **no** chemicals that are on the list of chemicals that have substance-specific requirements.

This product is considered hazardous under the OSHA Hazardous Communication Standard (29 CFR 19/0. 1200)

NOTE

This product is to be used as specified on the box and can only. Keep out of the reach of children. Do not take internally. Never leave an open flame unattended.

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