

Material Safety Data Sheet

Magic Flame™ Jelled Ethanol Chafing Fuel

Scientific Utility Brands Int'l., Inc.
Magic Flame™

Section 1 --- Product Identification

Product Name:	Magic Flame™ Jelled Ethanol Chafing Fuel: MF001, MF003, MF004, MFFS001, MFFS003, HP053335, TR082335
Product type, description:	A jelled Ethyl alcohol food warming fuel.
CAS Number:	Not applicable – product is a mixture. Packages: 85g cans (144, 72 cans/carton), 200g cans (72, 48, 12 cans/carton), and 2500g, 3000g cans (6 cans/carton)
Supplier:	Scientific Utility Brands International, Inc. 1673 Richmond Street, Suite 110, London, ON, Canada, N6G 2N3 Tel: (519) 472-1441 Fax: (519) 657-8622
Emergency Telephone Number:	CHEMTREC: 1-800-424-9300 (24 Hours) CANUTEC: 1-613-996-6666 (24 Hours) All medical emergencies, call your local Poison Control center.
Date Prepared:	January 1, 2014
Scientific Utility Brands International, Inc. Urges the customer receiving this Material Safety Data Sheet (MSDS) to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety, you should: (1) Notify your employees, agents, and contractors of the information on this sheet, and (2) Furnish a copy to each of your customers to inform their employees and customers as well.	

Section 2 --- Ingredients/Identity

COMPOSITION	CAS #	%	TLV (Units)
Ethanol	64-17-5	71	1000 ppm

Section 3 --- Physical and Chemical Characteristics

Appearance and Odor:	blue jell, Ethyl alcohol	Vapor pressure:	N/A
Density:	0.85 g/cm3	Vapor Density:	N/A
Solubility in Water:	Moderate	Boiling Point:	168.62 degrees F or 75.9 degrees C
PH:	7.5~8.5	Freeze/Melt Point:	N/A

Section 4 --- Fire and Explosion Hazard Data

Flash Point (PMCC):	Tag Closed Cup 12.2°C/ 54°F
Autoignition Temperature:	@745mm Hg: 477°C/890.6°F
Extinguishing Media:	CO2, dry chemical, Foam.
Special Firefighting Procedures:	No known toxic combustion products or special fire fighting hazards. Self-contained breathing apparatus and protective clothing should be worn when fighting chemical fires. Do not use high pressure stream of water to extinguish burning material.
Unusual Fire & Explosion Hazard:	Closed can exposed to flame and heat may erupt, scattering burning fragments.

Section 5 --- Reactivity Data

This product is stable. Hazardous polymerization will not occur.	
Incompatible Materials:	Heat, open flame, Strong Oxidizers
Hazardous Decomposition Products:	None known.

Section 6 --- Health and Hazard Information

Emergency Overview: Harmful: Possible risk of irreversible effects through inhalation, in contact with skin and if swallowed		
Precautionary Labeling: Caution flammable mixture. Keep away from children. Do not use near fire or flame. Contains 3.3% Methyl Alcohol If swallowed DO NOT induce vomiting - Recent Amendment. Call physician for help.		
Ingestion: Possible Alcoholic breath CNS depression, slurred speech, possible convulsions and hypoglycemia		
Inhalation: Burn product in a well ventilated area. Avoid breathing unburned vapors.		
Eyes: Eye irritant upon direct contact.		
Skin: May cause skin irritation upon prolonged contact.		
First Aid Measures:		
Ingestion: DO NOT Induce vomiting if victim is conscious. Rinse mouth with water then drink one/two glasses of water. Never give anything by mouth if victim is convulsing or unconscious. Immediately contact doctor and poison center.		
Inhalation: Seek fresh air and take slow deep breaths. Drink some sips of water. If coughing persists, contact poison center or doctor.		
Eyes: Remove any contact lenses. Flush eye with large amounts of warm water for 15 minutes. If irritation persists, contact poison center or doctor.		
Skin: Remove and isolate contaminated clothing. Flush exposed area with warm water for 15 minutes. If irritation persists, contact poison or doctor.		
Hazardous Materials Identification System (HMIS) Hazard Rating: Least-0 Slight-1 Moderate-2 High-3 Extreme-4		
Health: 2	Flammability: 3	Reactivity: 0

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Section 7 --- Accidental Release or Spill Procedures

Steps to be taken if material released or spilled:

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

Section 8 --- Special Protection Information and Control Measures

General Controls: Avoid contact with skin and eyes. Provide adequate ventilation in area of use.

Protective Clothing: The use of eye protection (goggles) and rubber gloves is recommended.

WARNING: HARMFUL IF SWALLOWED. KEEP OUT OF THE REACH OF CHILDREN

Precautionary Labeling: Caution flammable mixture. Keep away from children. Do not use near fire or flame. Contains 3.3% Methyl Alcohol If swallowed.

Section 9 --- Handling, Storage and Transportation

Handling: Avoid contact with skin and eyes. Do not ingest. Place can in fuel holder or under chafing before lighting. Burn can in a level upright position. Keep away from combustibles (e.g. paper plates and napkins). Keep away from children.

Storage: Store in a cool dry place (4~49°C or 40~120°F). Provide adequate ventilation in area of use. Store away from sources of heat or open flame. Keep container closed when not in use.

Transportation:

TDG Classification:

Dangerous good in Limited Quantity of Class 4.1, UN 1325, PG III; Flammable Solid, Organic, N.O.S., (Contains Ethanol), 4.1, UN 1325, III, Limited Quantity

DOT Classification:

ORM-D – Consumer Commodity ORM-D

Class 4.1, UN 1325, PG III; Flammable Solid, Organic, N.O.S., (Contains Ethanol), 4.1, UN 1325, III.

Section 10 --- Toxicological, Ecological Information & Disposal Consideration

Toxicological Information: No information is available at this time.

Ecological Information: No information is available at this time.

Disposal Consideration: Note: 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 local or state environmental agency for specific rules). Do not dump into sewers, any body of water, or onto the ground.

Section 11 --- Regulatory Information

WHMIS(Canada) B2, D2B, D2A

OSHA: This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1900.1200).

Clean Water Act: None of the OSHA regulated components in this product are Section 311 listed chemicals.

SARA: Section 301~304 (Threshold Planning Quantity – TPQ) 40 CFR355: 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: Not applicable.

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The Hazardous Materials Identification System (HMIS) and National Fire Protection Association (NFPA) ratings have been included by Scientific Utility Brands International, Inc. in order provide additional health and hazard classification information. The ratings recommended are based upon the criteria supplied by the developers of these ratings systems, together with Scientific Utility Brands International, Inc. interpretation of the available data.

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