Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Identity (As Used on Label and List)

PROPYLENE

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION 1

Supplier's Name Bernz-O-matic	**Emergency Telephone Number** 585-798-4949
Address *Number, Street, City, State and ZIP Code* One BernzOmatic Drive Medina, NY 14103	**Telephone Number for Information** 585-798-4949
	Date Prepared November 10, 2005
	Signature of Preparer *(Optional)*

SECTION II - Hazardous Ingredients / Identity Information

Hazardous Components *Specific Chemical Identity, Common Name(s)*	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Propylene C_3H_6		800 ppm		

NFPA HAZARD RATINGS	HMIS RATINGS
Health 1	Health 0
Flammability 4	Flammability 4
Reactivity 1	Reactivity 0

Notes:
Propylene – 97% Propane – 3%

SECTION III - Physical / Chemical Characteristics

Boiling Point -54ºF	**Specific Gravity (H_20 - 1)** 0.512 @70ºF
Vapor Pressure (mm Hg) 132.8 psi @70ºF	**Melting Point** N/A
Vapor Density (AIR=1) 1.45 @70ºF	**Evaporation Rate** Butyl Acetate -1) N/A

Solubility in Water
Negligible

Appearance and Odor
Colorless – Rotten Egg (Sulfur) Odor

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
-162ºF Closed Cup		2.0	11.1

Extinguishing Media
CO_2, Foam, Class "B" or "C" Extinguishers

Special Fire Fighting Procedures
Use Water to Cool Tanks

Unusual Fire and Explosion Hazards
Heavier than air (Vapor density 1.45). May travel a considerable distance to an ignition source and flash back.

SECTION V - Reactivity Data

Stability →	Unstable	Stable X	Conditions to Avoid

Incompatibility (Materials to Avoid)

N/A

Hazardous Decomposition or Byproducts

N/A

Hazardous Polymerization →	May Occur	Will Not Occur X	Conditions to Avoid
			N/A

SECTION VI - Health Hazard Data

Routes of Entry →	Inhalation?	Skin?	Ingestion?
	YES	YES	NO

Health Hazards (Acute and Chronic)

Burning the fuel may cause Carbon Monoxide (CO)

Carcinogenicity →	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A

Signs and Symptoms of Exposure

Simple asphyxiant. Exposure to liquid may cause frost burn.

N/A Emergency and First Aid Procedures Remove person to fresh air. Warning This fuel, and byproducts of combustion of this fuel, contain chemicals known to the State of California to cause cancer, birth defects, and other reproductive harm. SECTION VII - Precautions for Safe Handling and Use Steps to be Taken in Case Material is Released or Spilled Remove ignition sources and ventilate area. Waste Disposal Method Precautions to be Taken in Handling and Storing Store out of direct sunlight at	Local Exhaust	Mechanical (General)	Special	Other

Other Precautions
None

SECTION VIII - Control Measures

Respiratory Protection (Specify Type)
Not required with normal use.

Ventilation →	Local Exhaust	Mechanical (General)	Special	Other
	N/A	N/A	N/A	N/A

Protective Gloves	Eye Protection
Not required	Safety glasses recommended

Other Protective Clothing or Equipment
Not required

Work / Hygienic Practices
N/A

SECTION IX - Shipping Information

WHMIS Classification: A–Compressed Gas & B1–Flammable Gas	Class: 2.1

DOT	Proper Shipping Name	Hazard Classification	UN. No.
	Propylene	Flammable Gas	1077