

**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

<b>Identity (As Used on Label and List)</b> <b>PROPANE</b>	<i>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.</i>
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**SECTION 1**

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

**SECTION II - Hazardous Ingredients / Identity Information**

Hazardous Components <i>Specific Chemical Identity, Common Name(s)</i>	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<b>PROPANE CAS #74-98-6</b>	<b>1000PPM</b>	<b>1000PPM</b>	<b>NA</b>	<b>100</b>
<b>NFPA HAZARD RATINGS</b> Health -1 Flammability -4 Reactivity -0	<b>HMIS RATINGS</b> Health -0 Flammability -4 Reactivity -0			

**Note: When propane fuel is burned efficiently, the normal by-products of combustion are CO<sub>2</sub> and H<sub>2</sub>O. Inefficient burning may add CO to the by-products of combustion.**

**SECTION III - Physical / Chemical Characteristics**

<b>Boiling Point</b> <b>-44° F</b>	<b>Specific Gravity (H<sub>2</sub>O - 1)</b> <b>Liquid @ 60° F .51</b>
<b>Vapor Pressure (mm Hg)</b> <b>@ 100° F 197 psig</b>	<b>Melting Point</b> <b>N/A</b>
<b>Vapor Density (AIR=1)</b> <b>@ 1 ATM @ 60° F 1.56</b>	<b>Evaporation Rate</b> <b>Butyl Acetate -1) N/A</b>
<b>Solubility in Water</b> <b>Not Soluble</b>	
<b>Appearance and Odor</b> <b>Colorless - Rotten Egg Odor</b>	

**SECTION IV - Fire and Explosion Hazard Data**

<b>Flash Point (Method Used)</b> <b>-156° F Closed Cup</b>	<b>Flammable Limits</b>	<b>LEL</b> <b>2.1</b>	<b>UEL</b> <b>9.5</b>
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**Extinguishing Media**  
**Stop flow of gas or oxygen**

**Special Fire Fighting Procedures**  
**Use water to cool tanks**

**Unusual Fire and Explosion Hazards** **Auto Ignition temp. 842° F Heavier than air (vapor density 1.5). May travel a considerable distance to a source of ignition and flashback.**

**SECTION V - Reactivity Data**

<b>Stability → Unstable</b> <b>Stable X</b>	<b>Conditions to Avoid</b> <b>N/A</b>
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**Incompatibility (Materials to Avoid)**  
**N/A**

**Hazardous Decomposition or Byproducts**  
**None**

<b>Hazardous Polymerization →</b> <b>May Occur</b> <b>Will Not Occur X</b>	<b>Conditions to Avoid</b> <b>N/A</b>
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**SECTION VI - Health Hazard Data**

Routes of Entry →	Inhalation? <b>YES</b>	Skin? <b>YES</b>	Ingestion? <b>NO</b>
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Health Hazards (Acute and Chronic)  
**Contact with liquid propane may cause frost burns**

Carcinogenicity →	NTP? <b>N/A</b>	IARC Monographs? <b>N/A</b>	OSHA Regulated? <b>N/A</b>
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Signs and Symptoms of Exposure  
**High concentrations may cause headaches and drowsiness.**

Medical Conditions Generally Aggravated by Exposure  
**N/A**

Emergency and First Aid Procedures  
**Remove exposed person from contaminated area.**

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  
**Vent gas to atmosphere in flame free, spark free area outdoors.**

Precautions to be Taken in Handling and Storing  
**Store at temperatures below 120° F in well ventilated, spark free, flame free area.**

Other Precautions  
**None**

**SECTION VIII - Control Measures**

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

Ventilation →	Local Exhaust <b>N/A</b>	Mechanical (General) <b>N/A</b>	Special <b>N/A</b>	Other <b>N/A</b>
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Protective Gloves <b>Not required</b>	Eye Protection <b>Not required</b>
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Other Protective Clothing or Equipment  
**Not required**

Work / Hygienic Practices  
**N/A**

**SECTION IX - Shipping Information**

<b>WHMIS Classification:</b> A - Compressed Gas & B1-Flammable Gas		<b>Class:</b> 2.1	
<b>DOT</b>	<b>Proper Shipping Name</b> Petroleum Gas, Liquefied	<b>Hazard Classification</b> Flammable Gas	<b>UN. No.</b> 1075