

**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>MAPP GAS</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 I**

<b>Supplier's Name</b> <b>Bernz-O-matic</b>	<b>Emergency Telephone Number</b> 800-424-9300
<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> 800-654-9011
	<b>Date Prepared</b> June 11, 2008
	<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>Liquefied Petroleum Gas w/ Methylacetylene</b>	N/A	N/A	N/A	
<b>Liquefied Petroleum Gas CAS NO. 68476-85-7</b>	1000ppm			56.0
<b>Methyl Acetylene-Propadiene CAS NO. 56960-91-9</b>	1000ppm			44.0
<b>NEPA HAZARD RATINGS</b> Health -2 Flammability -4 Reactivity -2	<b>HMIS RATINGS</b> Health -0 Flammability -4 Reactivity -2			

**Notes:****SECTION III - Physical / Chemical Characteristics**

<b>Boiling Point</b>	<b>-54° F to -10° F</b>	<b>Specific Gravity (H<sub>2</sub>O - 1)</b>	<b>0.571</b>
<b>Vapor Pressure (mm Hg)</b> <b>@70° F</b>	<b>97 psig</b>	<b>Melting Point</b>	<b>N/A</b>
<b>Vapor Density (AIR=1)</b>	<b>1.48</b>	<b>Evaporation Rate</b> Butyl Acetate -1)	<b>N/A</b>
<b>Solubility in Water</b>	<b>Slight</b>		
<b>Appearance and Odor</b>	<b>Colorless - unpleasant odor at approx. 100ppm</b>		

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

<b>Flash Point (Method Used)</b>	<b>Closed Cup -144° F</b>	<b>Flammable Limits</b> In air by volume	<b>LEL</b> 3.0	<b>UEL</b> 11.0
<b>Extinguishing Media</b>	<b>Eliminate oxygen source or stop flow of gas. Use water to cool cylinder. Dry Chemical or CO<sub>2</sub> to reduce oxygen.</b>			
<b>Special Fire Fighting Procedures</b>	<b>Cool cylinders with water. Keep personnel away.</b>			
<b>Unusual Fire and Explosion Hazards</b>	<b>Auto ignition temp. 850° F. Keep ignition sources away from cylinder and continue to cool cylinder until gas flow is shut off. Escaping gas from cylinder may be ignited.</b>			

**SECTION V - Reactivity Data**

<b>Stability →</b>	<b>Unstable</b>	<b>Conditions to Avoid</b>
	<b>Stable X</b>	<b>Do not expose to temperatures above 125° F.</b>
<b>Incompatibility (Materials to Avoid)</b>	<b>Extremely flammable. Avoid uncontrolled contact with oxidizers.</b>	
<b>Hazardous Decomposition or Byproducts</b>	<b>N/A</b>	
<b>Hazardous Polymerization →</b>	<b>May Occur</b>	<b>Conditions to Avoid</b>
	<b>Will Not Occur X</b>	<b>N/A</b>

**SECTION VI - Health Hazard Data**

Routes of Entry →	Inhalation? <b>YES</b>	Skin? <b>YES</b>	Ingestion? <b>UNLIKELY</b>
Health Hazards (Acute and Chronic) <b>Asphyxiant. May reduce oxygen required for breathing. Liquid gas may freeze skin.</b>			
Carcinogenicity →	NTP? <b>N/A</b>	IARC Monographs? <b>N/A</b>	OSHA Regulated? <b>NO</b>
Signs and Symptoms of Exposure <b>Dizziness to unconsciousness if high concentrations of gas replace oxygen for breathing.</b>			
Medical Conditions Generally Aggravated by Exposure <b>N/A</b>			

**Emergency and First Aid Procedures****Remove person to fresh air. If unconscious, seek medical attention.****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 all ignition sources. Ventilate area.****Waste Disposal Method****Vent to atmosphere in outdoor area free of all sources of ignition.****Precautions to be Taken in Handling and Storing****Store in well ventilated area away from all ignition sources.  
Store at temperatures below 125° F. Store out of direct sunlight.****Other Precautions****N/A****SECTION VIII - Control Measures****Respiratory Protection (Specify Type)****Not required with normal use.**

Ventilation →	Local Exhaust <b>Advisable when welding.</b>	Mechanical (General) <b>N/A</b>	Special <b>N/A</b>	Other <b>N/A</b>
Protective Gloves	<b>Advisable when welding.</b>		Eye Protection <b>Use filter shade No. 4 or darker when welding.</b>	
Other Protective Clothing or Equipment <b>N/A</b>				
Work / Hygienic Practices <b>N/A</b>				

**SECTION IX - Shipping Information**

WHMIS Classification: A - Compressed Gas & B1 - Flammable Gas		Class: 2.1		
DOT	Proper Shipping Name Methyl Acetylene and Propadiene Mixtures, Stabilized	Hazard Classification Flammable Gas	UN. No. 1060	