Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. This 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)*	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.
PROPANE	

Section I

Manufacturer's Name	Emergency Telephone Number
BernzOmatic	800-654-9011
Address *(Number, Street, City, State, and ZIP Code)*	Telephone Number for Information
	800-424-9300
1 Bernzomatic Drive	Date Prepared
	June 11, 2011
Medina, NY 14103	Signature of Preparer *(optional)*

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	US OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
PROPANE (CAS No. 74-98-6)	1000PPM	1000PPM	N/A	100
NFPA HAZARD RATINGS Health – 1 Flammability – 4 Reactivity - 0			HMIS RATINGS Health – 0 Flammability – 4 Reactivity - 0	

Notes: When propane fuel is burned efficiently, the normal by-products of combustion are CO_2 and H_20.

Inefficient burning may add CO to the by-products of combustion.

Section III - Physical/Chemical Characteristics

Boiling Point:	-44° F	Specific Gravity (H_2O = 1):	Liquid @ 60° F .51
Vapor Pressure (mm Hg.):	@ 100° F 197psig	Melting Point:	Not Applicable
Vapor Density (AIR = 1):	@ 1 ATM @ 60° F 1.56	Evaporation Rate (Butyl Acetate = 1):	Not Applicable
Solubility in Water: Insoluble			
Appearance and Odor (At Normal Conditions): Colorless – Rotten Egg Odor.			

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Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): -156° F Closed Cup	Flammable Limits:	LEL 2.1	UEL 9.5
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

Stability:	Unstable	NO	Conditions to Avoid:
	Stable	X	N/A
Incompatibility *(Materials to Avoid)*: N/A			
Hazardous Decomposition or Byproducts At temperatures above the melting point metal oxide fumes may be evolved.			
Hazardous Polymerization:	May Occur	NO	Conditions to Avoid:
	Will Not Occur	X	N/A

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? YES	Skin? YES	Ingestion? NO
Health Hazards *(Acute and Chronic)* Contact with liquid propane may cause frost burns.			
Carcinogenicity:	NTP? Not listed as a carcinogen	IARC Monographs? Not listed as a carcinogen	OSHA Regulated? Not listed as a carcinogen
Signs and Symptoms of Exposure: High concentrations may cause headaches and drowsiness.			
Medical Conditions Generally Aggravated by Exposure:			
Not Applicable			
Emergency and First Aid Procedures:			
Remove exposed person from contaminated area.			
Warning:			
This fuel and by-products of combustion of this fuel, contain chemicals known to the State of California to cause cancer, birth defects, and other reproductive harm.			

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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 – N/A Mechanical (General) – N/A Special – N/A Other – N/A	
Protective Gloves: Not Required	Eye Protection: Not Required
Other Protective Clothing or Equipment: Not Required	
Work/Hygienic Practices: N/A	

Section IX – Transportation Information

WHMIS Classification:	A – Compressed Gas & B1 – Flammable Gas
Class:	2.1
Proper Shipping Name:	Petroleum Gas, Liquefied
Hazard Classification:	Flammable Gas
UN Number:	1075

Section X – Additional Information

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